

100<sup>TH</sup> AAPG ANNIVERSARY

# ACE 2017

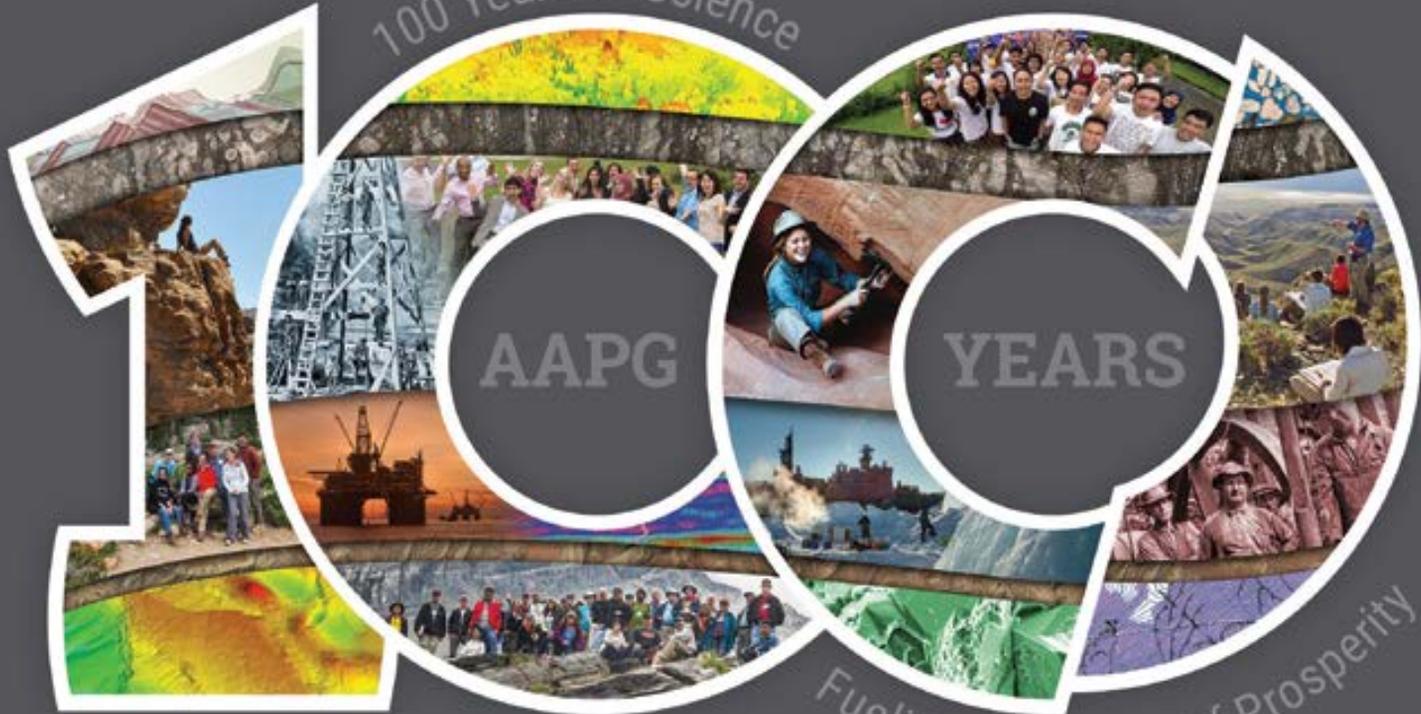
ANNUAL CONVENTION & EXHIBITION

2-5 April 2017 • Houston, TX • George R. Brown Convention Center

In conjunction with:



100 Years of Science



Fueling 100 Years of Prosperity

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## Welcome Letter From the General Chair



On behalf of the American Association of Petroleum Geologists (AAPG), its divisions, the Society for Sedimentary Geology (SEPM), and our host, the Houston Geological Society (HGS), it is my pleasure to welcome you to Houston and the 2017 Annual Convention and Exhibition (ACE).

In addition to the stellar technical program you have come to expect at AAPG's Annual Convention, this year we are celebrating AAPG's 100th anniversary. In 1917, AAPG was formed for the purpose of promoting the exchange of ideas on petroleum geology through publications and oral communication. As members and geoscientists, we can be justifiably proud of the legacy that has been created over the last century. Our theme, "100 Years of Science Fueling 100 Years of Prosperity," signals our intention to honor the past while shaping the future.

The planning by the 100th Anniversary Committee began over ten years ago, in an environment of \$80 to \$100/barrel oil, and we are executing those plans in a \$50/barrel reality. Some of the projects that have come from this effort are video interviews with prominent petroleum geoscientists, a study of outcrops that changed the way we practice petroleum geology, a compilation of significant papers in petroleum geology, and a compilation of field trip guidebooks that are available on AAPG's website.

In addition, the Professional Women in Earth Sciences Committee (PROWESS) is honoring 100 years of women in petroleum geology and their accomplishments. Take a few minutes to visit their timeline of the first 100 female members of AAPG in the hallway outside the oral session rooms.

The oral sessions corridor is also where you will also see excerpts of the GeoLegends interviews and a display of past AAPG presidents and Sidney Powers Award winners.

More than 220 exhibitors have joined us to celebrate our 100th anniversary. They have contributed greatly to the advancement of petroleum geology over the decades, and they will be displaying the technology that will carry us into the next 100 years.

The Preservation of Geoscience Data committee has a core and data display in the exhibit hall featuring cores from discoveries that highlight the changes and shifts in the plays, traps, and reservoirs that have been targeted over the decades. Also in the exhibit hall, you can experience demos of the Datapages Archives, Datapages Digital Exploration Objects (DEO) and the new Digital Immersive Geosciences program.

Thank you for attending this 100th Anniversary edition of ACE. It should prove to be an informative and entertaining week.

Dave Rensink  
General Chair  
AAPG 2017 Annual  
Convention and Exhibition (ACE)

# Thank You Sponsors

Diamond



Centennial Sponsor, 100th Anniversary Gala Table Sponsor, Registration, Student & Faculty Lounge, Pioneering Women in Petroleum Geology Forum, Student Participation in AAPG/SEPM Short Courses



Centennial Sponsor, Student Participation in Field Trips and Short Courses, AAPG/SEPM Student Reception, SEPM Student Support



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Centennial Sponsor, 100th Anniversary Gala Table Sponsor, Student Research Poster Session Awards, Technical Program Notepads, AAPG Student Chapter YouTube Competition, Student Participation in Field Trips and Short Courses, Young Professionals Reception



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Titanium



Earth Science Educator Program, Michel T. Halbouty Lecture Series



Poster Sessions, Technical Sessions, Public Sessions Sponsor



Centennial Sponsor, Exhibition Refreshment Breaks, Poster Sessions



Wi-Fi Hot Spot, Student Volunteers, Student Participation in Field Trips and Short Courses, Pioneering Women in Petroleum Geology Forum



Technical Program & Registration Announcement



Centennial Sponsor, Young Professionals Meet & Greet, Student Volunteers, Young Professionals Reception



Centennial Sponsor, Outstanding Student Chapter Awards, Pioneering Women in Petroleum Geology Reception



Centennial Sponsor, Technical Program Abstracts Online Library, AAPG Student Chapter Youtube Competition

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## 2017 Leadership

### American Association of Petroleum Geologists (AAPG) Executive Committee



**Paul W. Britt**  
President  
(2016-17)



**Charles Sternbach**  
President-Elect  
(2016-17)



**Daniel E. "Dan" Schwartz**  
Vice President,  
Sections (2016-18)



**Peter M. Lloyd**  
Vice President, Regions  
(2015-17)



**Heather L. Lareau**  
Secretary  
(2015-17)



**Barry J. Katz**  
Editor  
(2016-19)



**James S. McGhay**  
House of Delegates Chair  
(2016-17)

### SEPM (Society for Sedimentary Geology)



**Vitor Abreu**  
President

**Maria Mutti**, President-Elect  
**Jean Hsieh**, Secretary-Treasurer  
**John Reijmer**, International Councilor  
**David Bottjer**, Councilor for Paleontology  
**Michael Blum**, Councilor for Sedimentology  
**Elizabeth Hajek**, Councilor for Research Activities  
**Gary Hampson**, Co-editor, Journal of Sedimentary Research  
**Leslie Melim**, Co-editor, Journal of Sedimentary Research

**Tom Olszewski**, Co-editor, PALAIOS  
**Gabriela Mangano**, Co-editor, PALAIOS  
**Brian Ricketts**, Editor, Special Publications  
**Rick Sarg**, President, SEPM Foundation  
**Jeremy Krimmel**, Web & Technology Councilor  
**Hannah Hilbert-Wolf**, Student Councilor  
**Kristin Bergmann**, Early Career Councilor  
**Howard E. Harper, Jr.**, SEPM Executive Director

### Houston Geological Society (HGS)



**John E. Jordan**  
President

**John Adamick**, President-Elect  
**Thomas E. Hearon IV**, Vice-President  
**Rachel Todkill**, Secretary  
**Bryan Guzman**, Treasurer  
**Mike Allison**, Treasurer-Elect  
**Tami Shannon**, Editor  
**Brian Horn**, Editor-Elect  
**Annie Walker**, Director  
**Mike Erpenbeck**, Director  
**Justin Vandenbrink**, Director  
**Dave Miller**, Director

### Division of Environmental Geosciences (DEG)



**Timothy Michael Murin**  
President

**Jeffrey Brooks Aldrich**, Past President  
**Stephen M. Testa**, President-Elect  
**Kristin Marie Carter**, Vice President  
**Skyler Smith**, Secretary Treasurer  
**Michele L. Cooney**, Editor

### Energy Minerals Division (EMD)



**Anne C. Draucker**  
President

**Robert A. Trevail**, Past President  
**Douglas Everett Wyatt, Jr.**, President-Elect  
**Wayne Kenneth Camp**, Vice President  
**Becky Lee Kowalski**, Secretary Treasurer

### Division of Professional Affairs (DPA)



**Chandler Thomas Wilhelm**  
President

**Michael Richard Canich, Jr.**, Past President  
**James Michael Hill**, President-Elect  
**William Joseph Haskett**, Vice President  
**Debra Purifoy Osborne**, Secretary  
**Steven Maurice Goolsby**, Treasurer

### Petroleum Structure and Geomechanics Division (PSGD)



**David Ferrill**  
President, Steering Committee

**Peter Hennings**, Past President, Steering Committee  
**Greg Schoenborn**, Vice-President, Steering Committee  
**David Haddad**, Communications and On-Line Footprint  
**Bob Krantz**, Gary Couples, Robert Hatcher, Best Paper Awards Committee  
**William Sassi**, Orlando Ortega, 2017 Tuesday Evening Technical Coordinators  
**Susan Smith Nash**, Staff Liaison

# LET'S USE THE POWER OF IDEAS TO CHANGE THE GAME.

A new type of floodlit pitch is having a positive impact on the people of a Brazilian favela. How it's powered could help generate renewable energy elsewhere. Laurence Kemball-Cook, a winner of Shell's LiveWIRE scheme, developed technology that creates power from a combination of kinetic energy from the players' footsteps and solar power. We believe today's ingenuity could answer tomorrow's energy challenges. Search #makethefuture on Google.



## General Information All events are held in the George R. Brown Convention Center unless otherwise noted.

### Main Registration

**Location:** Exhibition Hall D

**Hours:** Friday..... 1:00 p.m.–5:00 p.m.  
Saturday..... 7:30 a.m.–5:00 p.m.  
Sunday..... 7:00 a.m.–7:00 p.m.  
Monday..... 7:30 a.m.–5:30 p.m.  
Tuesday..... 7:30 a.m.–5:30 p.m.  
Wednesday..... 7:30 a.m.–2:00 p.m.

### Satellite Registration

**Location:** Hilton Americas-Houston Hotel

**Hours:** Friday..... 9:00 a.m.–6:00 p.m.  
Saturday..... 8:00 a.m.–6:00 p.m.  
Sunday..... 8:00 a.m.–6:00 p.m.  
Monday..... 7:00 a.m.–1:00 p.m.

### ACE Office

**Location:** Show Office 216, Level 2

**Hours:** Saturday..... 8:00 a.m.–5:00 p.m.  
Sunday..... 8:00 a.m.–7:30 p.m.  
Monday..... 7:00 a.m.–5:30 p.m.  
Tuesday..... 7:00 a.m.–5:30 p.m.  
Wednesday..... 7:00 a.m.–5:30 p.m.

If you would like to speak to a member of the ACE Staff, please visit this office.

### Speakers Service Center

**Location:** Room 340

**Hours:** Sunday..... 10:00 a.m.–7:30 p.m.  
Monday..... 7:00 a.m.–5:30 p.m.  
Tuesday..... 7:00 a.m.–5:30 p.m.  
Wednesday..... 7:00 a.m.–5:30 p.m.

Speakers are required to check in with the Speakers Service Center the day prior to their presentation to upload their electronic presentation with technical support.

### Judges' Room

**Location:** Room 340

**Hours:** Sunday..... 10:00 a.m.–7:30 p.m.  
Monday..... 7:00 a.m.–5:30 p.m.  
Tuesday..... 7:00 a.m.–5:30 p.m.  
Wednesday..... 7:00 a.m.–5:30 p.m.

All judges should stop by the Judges' Room to pick up packets prior to their assigned sessions. You will receive final instructions and answers to any questions regarding the judging process. Completed scorecards should be returned to the Judges' Room as soon as possible after evaluating your session. Workspace is provided for you to complete score cards. Judges are needed. Inquire inside the Judges' Room.

### FedEx Office

**Location:** Mezzanine Level 2

**Days:** Monday–Friday

**Hours:** 8:00 a.m.–5:00 p.m.

From packing and shipping to signage, copying and last-minute office supplies, the FedEx Office Print & Ship Center offers virtually everything you require to meet your needs. For further information, contact 713 658 1899 or usa5000@fedex.com.

### Wi-Fi Hot Spot

**Location:** Exhibition Hall E, Booth #2445

For your convenience a Wi-Fi Hot Spot is available in the Exhibition Hall during exhibition hours. So come relax, check your email and stay connected at ACE.

### Media Lounge

**Location:** Exhibition Hall C, Booth #2545

**Days:** Sunday–Wednesday

**Hours:** Exhibition Hours

Stop by the Media Lounge to pick up a copy of your favorite industry publication from our Media Sponsors.

### Luggage Check

**Location:** Balcony B, Level 2

**Days:** Wednesday

**Hours:** 7:30 a.m.–6:30 p.m.

A luggage check is available at a cost per item checked. Items priced accordingly at \$5 per luggage/bag and \$3 per coat/umbrella.

### Electronic Capturing

Photographing or recording contents of oral or poster presentations or exhibition booths via any electronic media is strictly prohibited at all AAPG conventions and conferences.

### Lost and Found

**Location:** Exhibition Hall D at Main Registration

Items found during the convention should be turned in at Registration. If you lose an item, check with Registration. If your item has not been turned in you may leave information on how to contact you should the item be found.

### No Smoking Policy

Smoking is prohibited at the George R. Brown Convention Center.

### Press Room

**Location:** Room 350 A

The Press Room is a working area for editorial personnel covering the convention. Please contact Brian Ervin (bervin@aapg.org) for additional information regarding the Press Room.



## General Information

All events are held in the George R. Brown Convention Center unless otherwise noted.

### How to Get Around

#### Taxis

**\$6 Cab Fare Anywhere Downtown.** The City of Houston has authorized a flat taxi fare of \$6 for all trips in the downtown area. This \$6 fare will apply anywhere within the Central Business District, bounded by Interstate 45, Interstate 10 and U.S. 59. No surcharges will apply to the fare, which can accommodate multiple riders under the \$6 total rate.

#### METRORail System

METRORail offers convenient and accessible service within the heart of the city between downtown Houston and several of Houston's top destinations and districts. You can purchase a day pass for use on METRORail and METRO buses for just \$3 a day. Visit [ridemetro.org](http://ridemetro.org) for more route and fare information.

#### METROBus System

METRO also offers bus service throughout Houston. Local service runs mostly on city streets, stopping at every other corner along its route. One-way fare is \$1.25. Visit [ridemetro.org](http://ridemetro.org) for more route and fare information.

#### Greenlink Buses

**Free transportation in Downtown Houston!** Multiple buses operate in Downtown Houston Monday through Friday, 6:30 a.m. to 6:30 p.m., about 7-10 minutes apart. This Green route spans 2.5 miles with 18 stops at popular downtown destinations including GreenStreet, George R. Brown Convention Center, Discovery Green, Main Street Square, City Hall and the Central Library. There is also an Orange route, that operates Thursday through the weekend serving the historic district, ballparks and the Theater District. Both route maps can be found at [ridemetro.org](http://ridemetro.org).

#### Convention Center Parking

There are 1,425 parking spaces in the **South Avenida Garage** (Hilton Americas-Houston) parking garage connected by a Level 2 skywalk to the convention center for up to \$24 daily. Address: 1710 Polk Street

There are 1,846 parking spaces in the **Avenida North Garage** (Partnership Tower) connected by a Level 2 skywalk to the convention center for up to \$24 daily. Address: 701 Avenida de las Americas

There is an additional 663 parking spaces in **Avenida Central Garage** (Discovery Green underground parking facility) across the street from the George R. Brown Convention Center for \$18. Address: 1002 Avenida de las Americas

**Tundra Garage** (by Toyota Center) is an additional 2,478 parking spaces that the cost ranges from \$5 to \$10 on non-game/ concert days. Address: 1506 Jackson Street

The privately owned surface parking lots and garages vary from \$10 to \$30.

### Safety and Security

#### Badge Reminder

Badges must be worn at all times while attending the convention inside the George R. Brown Convention Center and Hilton-Americas Hotel.

#### Security and Emergencies

Report security issues or emergencies to one of the following:

- Security Personnel located at the Exhibit Hall Entrance
- AAPG Staff Person located at Main Registration inside Hall D.
- Kendra McColloch, AAPG Meeting Planner at +1 918 284 5451

#### First Aid

**Location:** Front of Exhibition Hall E

**Hours:** Saturday ..... 7:00 a.m.–6:00 p.m.  
 Sunday ..... 7:00 a.m.–08:00 p.m.  
 Monday ..... 7:00 a.m.–12:00 a.m.  
 Tuesday ..... 7:00 a.m.–6:30 p.m.  
 Wednesday ..... 7:00 a.m.–5:00 p.m.

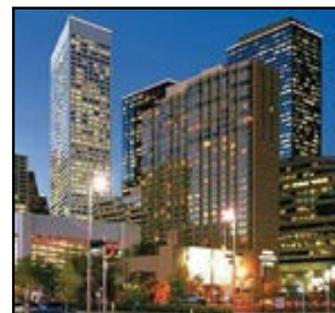
### Hotel Listing

#### Hilton Americas-Houston Hotel (AAPG Headquarters)

1600 Lamar Street, Houston, TX 77010  
 +1 713 739 8000

#### Four Seasons (SEPM Headquarters)

1300 Lamar Street, Houston, TX 77010  
 +1 713 652-6220



## Schedule at a Glance Vist ACE.AAPG.org for updates

<b>Friday</b>		6:00 p.m.–8:00 p.m. ....	AAPG/SEPM Student Reception (Hilton Americas-Houston Hotel)
1:00 p.m.–5:00 p.m. ....	Main Registration (Exhibition Hall D-GRBCC)	7:00 p.m.–10:00 p.m. ....	SEPM Research Group Meetings and Reception (Four Seasons Hotel)
9:00 a.m.–6:00 p.m. ....	Satellite Registration (Hilton Americas-Houston Hotel)	7:30 p.m.–12:00 a.m. ....	100th Anniversary Gala Dinner and Program
<b>Saturday</b>		<b>Tuesday</b>	
7:30 a.m.–8:30 p.m. ....	AAPG PROWESS/AWG/SEG Forum: Pioneering Women in Petroleum Geology	7:30 a.m.–5:30 p.m. ....	Main Registration (Exhibition Hall D-GRBCC)
7:30 a.m.–5:00 p.m. ....	Main Registration (Exhibition Hall D-GRBCC)	8:00 a.m.–11:50 a.m. ....	SEPM Research Symposium
8:00 a.m.–5:00 p.m. ....	Earth Science Educator Program (see page 79)	8:00 a.m.–3:00 p.m. ....	Guest Hospitality Suite (Hilton Americas-Houston Hotel)
8:00 a.m.–6:00 p.m. ....	Satellite Registration (Hilton Americas-Houston Hotel)	8:00 a.m.–11:50 a.m. ....	Oral Sessions (Morning)
<b>Sunday</b>		8:30 a.m.–12:00 p.m. ....	Poster Sessions (Morning)
7:00 a.m.–7:00 p.m. ....	Main Registration (Exhibition Hall D-GRBCC)	8:30 a.m.–5:00 p.m. ....	Career Center
9:00 a.m.–5:45 p.m. ....	Earth Science Educator Program (see page 79)	8:30 a.m.–6:00 p.m. ....	Exhibition
8:00 a.m.–6:00 p.m. ....	Satellite Registration (Hilton Americas-Houston Hotel)	9:00 a.m.–6:00 p.m. ....	Student and Faculty Lounge
12:00 p.m.–2:45 p.m. ....	History of Petroleum Geology Forum	9:15 a.m.–10:15 a.m. ....	Refreshment Break
2:00 p.m.–3:00 p.m. ....	Young Professionals Meet & Greet	11:30 a.m.–1:00 p.m. ....	DPA Luncheon: Toward a Philosophy of Oil Finding: Then, Now, Tomorrow!
3:00 p.m.–3:30 p.m. ....	Imperial Barrel Award (IBA) Ceremony	12:00 p.m.–1:00 p.m. ....	SEPM Business Meeting/Luncheon
4:00 p.m.–5:00 p.m. ....	Opening Session and Awards Ceremony	12:30 p.m.–3:30 p.m. ....	Guest Tour: “Spirit of the Bayou” Boat Tour
5:00 p.m.–7:30 p.m. ....	Exhibition and Icebreaker Reception	1:15 p.m.–5:05 p.m. ....	SEPM Research Symposium
<b>Monday</b>		1:15 p.m.–5:05 p.m. ....	The Next 100 years of Global Energy Use: Resources, Impacts and Economics DEG/EMD
7:00 a.m.–1:00 p.m. ....	Satellite Registration (Hilton Americas-Houston Hotel)	1:15 p.m.–5:05 p.m. ....	Oral Sessions (Afternoon)
7:30 a.m.–5:30 p.m. ....	Main Registration (Exhibition Hall D-GRBCC)	1:30 p.m.–5:00 p.m. ....	Poster Sessions (Afternoon)
8:00 a.m.–3:00 p.m. ....	Guest Hospitality Suite (Hilton Americas-Houston Hotel)	2:30 p.m.–3:30 p.m. ....	Refreshment Break
8:25 a.m.–11:50 a.m. ....	Discovery Thinking Forum I	3:00 p.m.–4:30 p.m. ....	Guest Social Activity: Worldly Wines, Crafty Beers & Delectable Bites
8:15 a.m.–12:30 p.m. ....	Guest Tour: Houston Museum of Natural Science & “Mummies of the World” Tour	5:00 p.m.–6:00 p.m. ....	End-of-Day Reception
8:00 a.m.–11:50 a.m. ....	Oral Sessions (Morning)	7:30 p.m.–9:30 p.m. ....	SEPM President’s Reception and Awards Ceremony (Four Seasons Hotel)
8:30 a.m.–12:00 p.m. ....	Poster Sessions (Morning)	<b>Wednesday</b>	
8:30 a.m.–5:00 p.m. ....	Career Center	7:30 a.m.–2:00 p.m. ....	Main Registration (Exhibition Hall D-GRBCC)
8:30 a.m.–6:00 p.m. ....	Exhibition	8:00 a.m.–11:50 a.m. ....	DEG/DPA Forum: The Future Best Practices for Extraction Industries in a Lower Carbon Environment
9:00 a.m.–6:00 p.m. ....	Student and Faculty Lounge	8:00 a.m.–12:00 p.m. ....	Guest Hospitality Suite (Hilton Americas-Houston Hotel)
9:15 a.m.–10:15 a.m. ....	Refreshment Break	8:00 a.m.–11:50 a.m. ....	Oral Sessions (Morning)
10:00 a.m.–12:00 p.m. ....	Guest Tour: “Houston Building Stones” Walking Tour with Geologist Neal Immegea	8:30 a.m.–12:00 p.m. ....	Poster Sessions (Morning)
11:30 a.m.–1:15 p.m. ....	All–Convention Luncheon: The Evolution of the American Shale Plays: Where We Are and How We Got There	8:30 a.m.–2:00 p.m. ....	Career Center
12:00 p.m.–3:30 p.m. ....	Guest Tour: Downtown Houston Walking Culinary Tour	8:30 a.m.–2:00 p.m. ....	Exhibition
1:15 p.m.–5:05 p.m. ....	Oral Sessions (Afternoon)	8:45 a.m.–12:00 p.m. ....	Guest Tour: Bayou City Bike Tours
1:15 p.m.–5:05 p.m. ....	Discovery Thinking Forum II	9:00 a.m.–2:00 p.m. ....	Student and Faculty Lounge
1:30 p.m.–5:00 p.m. ....	Poster Sessions (Afternoon)	9:15 a.m.–10:15 a.m. ....	Refreshment Break
2:30 p.m.–3:30 p.m. ....	Refreshment Break	11:30 a.m.–1:00 p.m. ....	DEG/EMD Luncheon: Managing Water Risks Related to Increasing Unconventional Oil and Gas Production in the United States
4:00 p.m.–6:00 p.m. ....	Student Career Seminar (Hilton Americas-Houston Hotel)	1:15 p.m.–5:05 p.m. ....	Oral Sessions (Afternoon)
5:00 p.m.–6:00 p.m. ....	End-of-Day Reception	<b>Thursday</b>	
5:10 p.m.–6:00 p.m. ....	Michel T. Halbouty Lecture	8:00 a.m.–2:00 p.m. ....	AAPG Pitchapalooza
5:30 p.m.–7:30 p.m. ....	All-Alumni Reception (Hilton Americas-Houston Hotel)		

# Difficult ['dɪfɪkəlt]

Something you keep doing until it's easy.

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## 100<sup>th</sup> Anniversary Events

### 100th Anniversary Gala Dinner and Program

**Day:** Monday  
**Time:** 7:30 p.m.–12:00 a.m.  
**Location:** Grand Ballroom  
**Fee:** \$100



Share in the celebration of AAPG's 100th Anniversary at the Centennial Gala for an evening of elegance and entertainment that will pay tribute to our rich history, while eagerly welcoming the future. After a red-carpet welcome and connecting with colleagues over cocktails, the Gala will feature marquee keynote speaker Daniel Yergin to engage and enlighten the audience.

Mr. Yergin is a highly respected authority on energy, international politics and economics. He is Vice Chairman of IHS Markit and Founder of IHS Cambridge Energy Research Associates. A Pulitzer Prize winner, Dr. Yergin is the author of the new bestseller *The Quest: Energy, Security and the Remaking of the Modern World* which *The Economist* described as "a masterly piece of work" and *The Financial Times* called "a triumph." *Time Magazine* quoted, "If there is one man whose opinion matters more than any other on global energy markets, it's Daniel Yergin." *Fortune* said that he is "one of the planet's foremost thinkers about energy and its implications."

Following Mr. Yergin's presentation, musical entertainment performed by Lesli Wood and her band will continue throughout the evening. AAPG only turns 100 once, so don't miss out on making memories that will last a lifetime!

### AAPG's Geolegends

*With funding from AAPG Foundation, the Geolegends is a project of the AAPG 100th Anniversary Committee – Geolegends is a decade-long filmmaking initiative that presents video interviews with some of the world's top geoscientists.*

These dramatic, colorful, often exciting and always historical videos provide a look at the people and the stories behind some of the most significant exploration discoveries in our profession's history. The videos feature legendary explorers such as Larry Meckel, Richard Stoneburner, Harry Jamison, John Masters, Don Todd, Fred Meissner, Bob Weimer and many, many more.

### Past Presidents & Sidney Powers Award Winners Display

Don't miss this display celebrating and acknowledging 100 years of AAPG's Past Presidents and the history of the Sidney Powers Memorial Award Winners.

### Pioneering Women in Petroleum Geology: 100 Years - Celebration Wall

Showcasing the first 100 female members of AAPG, this display will be located in the hallway outside the technical session rooms and can be enjoyed by all throughout the convention. Don't miss the opportunity to walk along this beautiful and historical display celebrating incredible discoveries and achievements.

### Experience Digital Immersive Field Trips— The Future of Geosciences

**Days:** Sunday–Wednesday  
**Time:** Exhibition Hours  
**Location:** Exhibition Booth #2109

In conjunction with the 100th Anniversary the Digital Immersive Field Trip Committee has assembled three outcrop field trips for you to experience at booth 2109. The Digital Immersive Geosciences (DIG) platform makes outcrop field trips available in 3-D real time terrain visualization to see, study and experience without leaving the office.

### AAPG PROWESS/AWG/SEG Forum

#### Pioneering Women in Petroleum Geology: 100 Years

**Day:** Saturday  
**Time:** 7:30 a.m.–8:30 p.m.  
**Location:** Rooms 360 and 370  
**Hosted by:** AAPG Professional Women in Earth Sciences (PROWESS)  
Association for Women Geoscientists (AWG)  
Society of Exploration Geophysicists (SEG)  
Women's Network Committee  
**Fee:** \$65 Professionals, \$40 Students  
**Includes:** Continental breakfast, lunch for current registrants and post-forum reception open to all

Start your AAPG centennial celebration in style! Join us for an exciting and entertaining celebration of women geologists and their historic contributions in an all-day forum featuring expert speakers, panel discussions, networking potential and the world premiere of a new documentary funded by the AAPG Foundation: "Rock Stars: Pioneering Women in Petroleum Geology." The day will end with a post-forum reception to network and honor the industry's women geoscientists. A highlight of the PROWESS forum will be a costume contest, organized with the AAPG Young Professionals, featuring business and work attire that was part of a woman geologist's field "uniform" over the past century.



## Highlights

### History of Petroleum Geology (AAPG)

**Day:** Sunday  
**Time:** 12:00 p.m.–2:45 p.m.  
**Location:** General Assembly B  
**Fee:** Included with registration  
**Co-Chairs:** A. Haddad, R. Hardy and B. Hatcher

The History of Petroleum Geology Committee will again hold its annual forum in a special session where we are commemorating the centennial of the AAPG with a series of high quality papers that run the gamut from the scientific foundations of petroleum geology before the founding of the AAPG, through the development of technologies and discoveries in our first century, with biographical sketches of key founding members and the status and future of key scientific disciplines.

First in our planned agenda, Ray Sorenson will set the stage by outlining the exploration potential of North America in the middle of the century leading up to the founding of the AAPG. Then Jim McDonald will discuss the practical tools and beginnings of professional practice as the AAPG was formed. Next Bob Merrill will highlight the discovery of giant fields through the AAPG century.

Continuing, Dana Jurick will showcase the amazing professional career of AAPG co-founder Wallace Pratt and Rasoul Sorkhabi will discuss Lewis G. Weeks and the “Oil Habitat” paradigm in petroleum geology. Also on a biographical note, Robbie Gries will honor three early AAPG women pioneers and how they contributed breakthroughs in the early 1920’s.

Returning to a focus on science and technology, Steve Tedesco will discuss the role of seeps in exploration since the start of the petroleum age and finally Malcolm Ross will present his views on plate tectonics and paleoclimate modeling in exploration in the past, present and into the future.

It should be a great session, with time for questions and discussion!

*The purpose of the Committee is to preserve and promote the history and heritage of the evolution of geological concepts and technologies used in the search for oil and gas worldwide and honor the memory of the men and women who caused this evolution.*

### AAPG/AAPG Foundation Imperial Barrel Award (IBA) Ceremony

**Day:** Sunday  
**Time:** 3:00 p.m.–3:30 p.m.  
**Location:** Grand Ballroom  
**Fee:** Included with registration

You’ve heard the buzz – now make sure to attend as the winners of this year’s global AAPG/AAPG Foundation Imperial Barrel Award competition will be announced in a thrilling awards ceremony that is open for all to attend – giving you the chance to experience it in person. It’s also a convenient way to start your ACE 2017 experience, because the awards presentation will take place just prior to the convention’s Opening Session and Awards Ceremony. So come a bit early and be part of the excitement.

The AAPG/AAPG Foundation IBA program is an annual competition in evaluating prospective basins, featuring teams of the top geoscience graduate students from around the world – all of whom have qualified for the finals by first winning IBA Region and Section competitions. The fast-moving presentation will include an introduction of the IBA program and all the teams who made it to the finals and recognition of the many generous sponsors who make the program possible. It all leads to the grand finale – the announcement of this year’s winning teams. Come help us celebrate the accomplishments of these hard-working students – and see which teams win scholarship funds for their geosciences departments and applaud the school that leaves Houston with the title of IBA champion. Visit [iba.aapg.org](http://iba.aapg.org) to see a list of finalists.

### Opening Session and Awards Ceremony

**Day:** Sunday  
**Time:** 4:00 p.m.–5:00 p.m.  
**Location:** Grand Ballroom  
**Fee:** Included with registration

Arrive early for an event that will start your ACE experience with a burst of excitement, pageantry and colorful multi-media displays as we return to Houston, the “oil capital of the world”, for a record 14th time. The opening session of this year’s AAPG Annual Convention and Exhibition will honor its centennial by reflecting on the past 100 years of the Association while looking towards the future potential of the profession and the industry’s prosperity. This year’s opening session will start mere minutes after and on the same stage as, the IBA awards ceremony.

General Chair Dave Rensink will serve as the master of ceremonies offering an official welcome to ACE 2017 and will be joined by AAPG President Paul Britt who will deliver a brief presidential address. The highlight of it all will be the annual awards ceremony featuring AAPG Vice President-Regions Peter Lloyd at the podium when the best of AAPG will be honored in a fast-moving, colorful and entertaining awards ceremony.

## Highlights

### Discovery Thinking Forums I and II (AAPG/DPA)

**Day:** Monday  
**Times:** 8:25 a.m.–11:50 a.m. & 1:15 p.m.–5:05 p.m.  
**Location:** General Assembly B  
**Fee:** Included with registration  
**Co-Chairs:** C. Sternbach and P. Weimer

Two “Discovery Thinking” Forums will be the seventeenth and eighteenth presentations of the AAPG 100th Anniversary Committee’s program recognizing “100 Who Made a Difference.” These Forums, co-sponsored by AAPG’s Division of Professional Affairs (DPA), will feature invited speakers who will describe major and significant discoveries.

This year, AAPG is pleased to present two Discovery Thinking Forums. The morning forum will celebrate New Discoveries in the Western Hemisphere and Gulf of Mexico. The afternoon forum will feature Significant Global Discoveries (outside of the Western Hemisphere). As a headquarters of many global exploration companies, Houston is a great venue to celebrate significant game changing discoveries in the western hemisphere and around the world.

#### New Discoveries in the Western Hemisphere and Gulf of Mexico

- **Lessons in Exploration Creativity from a Decade of Discovery Thinking Forums:** Charles Sternbach, President-elect AAPG
- **Discovery of a Bolivian Foothills Giant Gas Field: Incahuasi:** Philippe Mallard, Total, SA.
- **Redtail Field, A Thermal Anomaly on the Eastern Extension of the Colorado Mineral Belt, Denver Basin, Colorado:** John Forster, Exploration Advisor, Whiting and Mark Sonnenfeld, Mark Williams
- **Discovery of the Utica Shale—Update on an evolving giant:** Bill Zagorski, Chief Geologist and Taylor McClain, Senior Geologist, Range Resources
- **A Fresh Look to Exploration and Discoveries in Mississippi Canyon, Northern Gulf of Mexico:** Eric Zimmermann, Vice President – Geology, LLOG

#### Significant Global Discoveries

- **The Future of Exploration-The Next Decade:** Bob Fryklund IHS, Chief Strategist-Upstream, Pete Stark
- **The Petroleum System of the Mauritania-Senegal Basin:** Dorie McGuinness, Exploration VP-Geology, Kosmos
- **Opening New Oil Basins: A Pattern of Discoveries:** Angus McCoss, Exploration Director, Tullow
- **The Greater Gorgon Area, Northwest Australia: Exploration to Production:** Mike McLerie, Geophysical Advisor, Chevron Eurasia Business Unit

### Michel T. Halbouty Lecture: Resource Exploration on Mars—Applying the Lessons from Earth

**Day:** Monday  
**Time:** 5:10 p.m.–6:00 p.m.  
**Location:** General Assembly B  
**Fee:** Included with registration  
**Speaker:** David Beaty, NASA Jet Propulsion Lab



*The Michel T. Halbouty lecture series – funded by the AAPG Foundation – is an ongoing special event at the AAPG Annual Convention and Exhibition. Lecture topics are designed to focus either on wildcat exploration in any part of the world where major discoveries might contribute significantly to petroleum reserves, or space exploration where astrogeological knowledge*

*would further mankind’s ability to develop resources on Earth and in the Solar System.*

As we look ahead to the adventure of sending humans to Mars, we are faced with the question of how to sustain them. A key aspect of this is the exploration for and definition of, strategic in situ resources and developing the systems that would be required to take advantage of them. Critical lessons learned in the petroleum and mining industries here on Earth will need to be brought to bear.

David Beaty has been the Chief Scientist of the Mars Exploration Directorate at JPL in Pasadena, California for the past decade. His professional background is in geology, with a B.A. from Dartmouth College in 1975 and a PhD from Caltech in 1980. He spent the first half of his career in the resource industry here on our home planet, Earth. After leaving Caltech, he joined Noranda Exploration in the minerals industry and worked as an exploration geologist in the Rocky Mountain area, primarily searching for base and precious metals. In 1988, he joined Chevron at their research lab in La Habra, California, where he worked in support of diverse exploration and production projects throughout the world, including in the Permian Basin, the San Joaquin Valley, the Beaufort Sea, the North Sea and others. During his time at Chevron, Dave advanced into management, at different times leading both the geology and physical/chemical measurements divisions and overseeing a variety of exploration- and production-related research applications.

In 1999 Dave joined the NASA family at the Jet Propulsion Laboratory in Pasadena, California. His role began with an assignment as project manager on a portion of the Mars Sample Return mission, but then to the Mars Program Office, first as Associate Chief Scientist, then as Chief Scientist. His responsibilities include oversight of the scientific productivity of JPL’s existing missions to Mars and also strategic planning for potential future Mars missions that are over the horizon. Most importantly, the latter includes the completion of the missions associated with Mars Sample Return, the design of the precursor missions needed to support the potential human exploration of Mars and planning for the scientific objectives and strategies for the future human explorers.



## Highlights

### SEPM/AAPG Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42

**Day:** Tuesday

**Time:** 8:00 a.m.–11:50 a.m. & 1:15 p.m.–5:05 p.m.

**Location:** General Assembly B

**Co-Chairs:** R. Sarg and L. Wood

This year, in honor of the 100th Anniversary of AAPG, the annual SEPM Symposium is being jointly sponsored by SEPM and AAPG with a look at the history and advances made in sequence and seismic stratigraphy over the last 40 years, highlighting what was published then in AAPG Memoir 26 and SEPM Special Publication 42 both seminal early compendiums of the state of the knowledge at those times. The oral presentations includes invited talks from some of the most prominent names in both researching and applying these concepts. The oral presentations will be accompanied by a poster presentation on the theme on Wednesday.

#### Morning

- **Evolution and Effects of Sequence Stratigraphy:** R. M. Mitchum
- **Advances in Sequence Stratigraphy—Insights From 35 Years of Studying the Other 80% of the Stratal Record:** K. Bohacs, J. MacQuaker
- **A Simplified Guide For Sequence Stratigraphy: Nomenclature, Definitions and Method:** V. Abreu, K. Pederson, J. Neal, K. Bohacs
- **Defining Aquifer Architecture Using Seismic and Sequence Stratigraphy in the Los Angeles Basin, California: A Foundation for Future Assessment and Management of Groundwater Resources:** K. D. Ehman, B. D. Edwards
- **New Time Constraints on the Karoo Deepwater Physical Sequence Hierarchy:** S. Flint, D. Hodgson, M. Poyatos-Moré, E. Tohver
- **Stratal Stacking Patterns of Continental Margin Successions in Low-Accommodation and Low-Sediment-Supply Settings:** C. R. Fielding
- **Sequence Variability in Shallow Marine/Deltaic Syn-Rift Systems: Impact of Fault Network Evolution and Sediment Supply Variations, Plio-Pleistocene of the Corinth Rift:** R. Gawthorpe, M. Muravchik, G. A. Henstra, M. R. Leeder, J. Andrews, H. Kranis, E. Skourtsos, R. Collier, M. Ford
- **Stratigraphic Evolution of the Barrow Group (Northern Carnarvon Basin, North West Shelf, Australia): Controls on the Architecture of a Shelf-Margin During a Syn-Rift to Post-Rift Transition:** V. Paumard, J. Bourget, T. Payenberg, B. Ainsworth, S. Lang, H. W. Posamentier, A. George
- **Deep-Water Turbidites in Not-so-Deep Basins:** H. W. Posamentier, K. D. Ehman, A. Teletzke, V. Paumard, J. Bourget, S. Lang, A. Powell

#### Afternoon

- **Carbonate Sequence Stratigraphy – An Historical Perspective:** R. Sarg
- **Carbonate Sequence Stratigraphy – First Principles Accommodate the Unruly Carbonate System:** G. Eberli
- **Build-and-Fill Stratigraphic Sequences in Carbonates:** E. K. Franseen, R. H. Goldstein

- **Chemical Diagenesis and Biota in Stratigraphic Context: The Phosphoria Rock Complex (Permian), Rocky Mountain Region:** M. Pommer, R. Sarg
- **Advances in Seismic Stratigraphy of Carbonate Platforms and the Importance of Integrated Interpretation Using Time- / Depth-slice and Well Calibration Data:** S. Bachtel
- **Sequence Stratigraphy and Modeling Carbonate Heterogeneity:** M. Mutti, F. Amour
- **Ancient Processes in Modern Data: Quantitative Seismic Geomorphology for Evaluating the Sedimentary Processes That Characterize the Ancient Earth:** L. J. Wood
- **Combining Full-Volume 3-D Seismic Interpretation With Quantitative Seismic Geomorphology and Modern Process-Based Analogue Databases: The Next Generation Tools for Stratigraphic Analysis and Reservoir Characterization:** J. Bourget, B. Vakarelov, B. Ainsworth, V. Paumard, S. Lacaze
- **Predictive Stratigraphic Methods and Their Development: New Global Geological Concepts Driven by Technology Advances:** O. J. Martinsen, A. Groth

#### Preservation of Geoscience Data Display

**Days:** Monday–Wednesday

**Time:** 9:00 a.m.–6:00 p.m. (Monday and Tuesday)  
9:00 a.m.–2:00 p.m. (Wednesday)

**Location:** Exhibition Hall D/E, Booth #2144

**Fee:** Included with Registration

The Preservation of Geoscience Data Committee (PGDC) was formed to facilitate discussion about preserving geoscience data accumulated through oil and gas exploration and production. Companies spend millions of dollars commissioning, purchasing and accumulating data during the exploration and production cycle, but for various reasons then commonly have trouble spending a small fraction of that cost preserving and maintaining this data. In difficult times companies seeking to reduce costs will look to their data repositories where the cores, cuttings, paper, film and digital archives are stored and try to reduce costs. Paper and film can be scanned, digital data re-mastered onto higher capacity storage media, but there is little that can be done to reduce the space required for cores, cuttings and other physical samples. Gifts of these collections to universities, geological surveys and societies, and federal repositories, merely shift the burden of storage and management to organisations already under intense financial pressure and limited space.

To highlight the benefits and challenges of storing and maintaining data and to help celebrate AAPG's 100th Anniversary, the PGDC has organised a display at this year's AAPG ACE Convention to demonstrate a range of core material and data/media taken from the last 100 years of oil and gas exploration.

## Highlights

### Core Display

The PGDC core display organised by committee member Beverly Blakeney DeJarnett, has been arranged specifically to demonstrate cores representing the many and varied reservoir types (including continental and marine sandstones, carbonates, tar sands, and oil “shales”) represent some of the major oil and gas discoveries over the last 70 years. Such a historically impressive and educational array of samples would not be possible without the dedication and commitment of organisations that preserve and maintain these collections for posterity. Only by being able to study and learn from these analogues from the past can we hope to understand and predict where the reservoirs of the future will be.

### Data Display

Over the last 100 years the way in which data has been collected, displayed and stored has changed dramatically. Early hand-written lithology logs and strip logs have given way to an ever-increasing variety of tools and techniques for measuring and visualising the rocks in the subsurface. Analog methods of recording wireline, seismic and other remote sensing tools gave way to digital and the resulting explosion in data volumes. This, in turn, has led to a demand for greater storage capacity media as more sophisticated techniques led to MBs, GBs, TBs and even PBs of data being generated for a single seismic survey. Today we are familiar with memory sticks holding GBs of data but only 30 years ago the launch of the CD-ROM holding a mere 650Mbs astonished the world where floppy disks and cumbersome magnetic tapes and cartridges were all there were. The bewildering array of innovative solutions resulted in an entire industry bent of transferring data from one media to another to reduce space but also to keep abreast of changing technology. Who amongst us still has a 9-track tape drive which was once as common in the workplace as a DVD drive is today.

The display the PGDC presents demonstrates to a new and unfamiliar generation how things used to be and what limitations geoscientists faced

### The Next 100 Years of Global Energy Use: Resources, Impacts and Economics DEG/EMD

**Day:** Tuesday  
**Time:** 1:15 p.m.–5:05 p.m.  
**Location:** General Assembly C  
**Fee:** Free to the general public  
**Co-Chairs:** S. W. Tinker and W. Camp

This forum, which celebrates the 100th Anniversary of the founding of the American Association of Petroleum Geologists, addresses the future challenges of the oil and gas industry to supply the world's increasing energy needs without compromising global environmental concerns with continued use of fossil fuels. A diverse panel of distinguished speakers will engage in a sobering discussion of the global challenges in transitioning to a low carbon energy future.

### Speakers Include:

**Steven E. Koonin**, Professor of Information and Director, NYU Center for Urban Science and Progress, New York University, New York, New York  
*Topic: Global Population, Energy Demand and Future Technology*

**Cindy Yeilding**, Senior Vice President, BP America, Houston, Texas  
*Topic: Global Petroleum Resources and Transportation Fuel Options*

**Mark A. Snell**, President of Sempra Energy, San Diego, California  
*Topic: The Global Power Fuel Mix and the Carbon Transition*

**Jesse H. Ausubel**, Director of the Program for the Human Environment and Senior Research Associate, Rockefeller University, New York, New York  
*Topic: Atmosphere, Air, Land, Water and Energy Density*

**Kenneth B. Medlock III**, Senior Director, Center for Energy Studies, Baker Institute for Public Policy, Rice University, Houston, Texas  
*Topic: Energy Diversity, Carbon Tax and Economic Realities*

**Scott W. Tinker**, Director, Bureau of Economic Geology, The University of Texas at Austin, Austin, Texas  
*Topic: Global Energy Security and Poverty*

*Moderated Panel discussion follows talks*

### DEG/DPA Forum: The Future Best Practices for Extraction Industries in a Lower Carbon Environment

**Day:** Wednesday  
**Time:** 8:00 a.m.–11:50 a.m.  
**Location:** General Assembly C  
**Fee:** Free to the general public  
**Co-Chairs:** J. Boak and T. Duex

This forum addresses practical aspects of how the fossil fuel industry should operate in the coming decades based on two key assumptions/goals. First, availability to energy increases prosperity and well-being of the population as a whole and our industry should strive to furnish it. The second is that policies that restrict any manner of alteration to local or global environments are likely to become more prevalent as technology allows both more detailed measurements and various media allow dissemination of both information and disinformation.

### Aspects to be addressed are among the following:

- What regulatory or economic incentives (e.g., a tax on carbon) would be best for our industry to allow it to both supply the needed energy and to be seen as a positive, creative industry by the public?
- How should the energy industry prepare its infrastructure for the managing risk better, be it in hazardous environments, in response to weather related accidents, aggradation of cumulative effects, etc.
- How can our industry better transfer knowledge and best practices between generations and from where will we develop the next generation of skill workers?
- How do corporations and regulators “bake in” Best Practices for technologies and plays that have not even been imagined.
- Finally, how can we change public perceptions to view the fossil fuel industry as part of the solution and not just the problem?



## Highlights

- **Daniel D. Domeracki**, Vice President, Government and Industry Relations, Schlumberger Limited Creating a Social Contract to Operate – A Necessity in the Post COP 21 World
- **Jeremy Boak**, Ph.D., University of Oklahoma and State Geologist of Oklahoma Sub-Surface Injection of Fluids and Induced Seismicity Best Practices
- **C. R. (Charlie) Williams II**, Executive Director, Center for Offshore Safety and Chief Scientist – Well Engineering and Production Technology, Shell Future Best Practices in the Deep Water Offshore
- **David Lyon**, Ph.D., Scientist, Environmental Defense Fund, Austin, Texas Mitigating Methane Emissions: The Role of Science, Data Transparency and Innovative Technology
- **Alan J. Krupnick**, Senior Fellow and Co-Director, Resources for the Future, Center for Energy and Climate Economics, Washington D.C. Building Social Acceptance and Trust at the Community and National Levels
- **Susan Cunningham**, Executive Vice President, Noble Energy Working Together, We Can Have the Energy We Need, the Economy We Want and the Environment We Value

*Moderated Panel discussion follows talks*

### AAPG Pitchapalooza

**Day:** Thursday  
**Time:** 8:00 a.m.–2:00 p.m.  
**Location:** Room 370 B/C/E/F  
**Fee:** \$55 Professionals, \$35 Students

#### What is Pitchapalooza?

Pitchapalooza is an event where individuals and companies can “pitch” an audience and potentially obtain funding for a project. These can include oil & gas projects that feature a new application of technology, or the development of an innovative (even disruptive) technology. The goal is to help accelerate the productive development and application of innovation as well as ensure potential for a significant return on investment.

#### How will it work?

Presenters will pitch to an audience of financing sources and potential partners. There will also be a panel of judges for a competition within different categories. Most pitches will be between 10 - 15 minutes in length. The full pitch packet will be available for download in January 2017. Some teams may have longer video pitches available after the event.

There will also be opportunities for mini-pitches: “5 for 5” which is a 5-minute pitch for a \$5,000 investment.

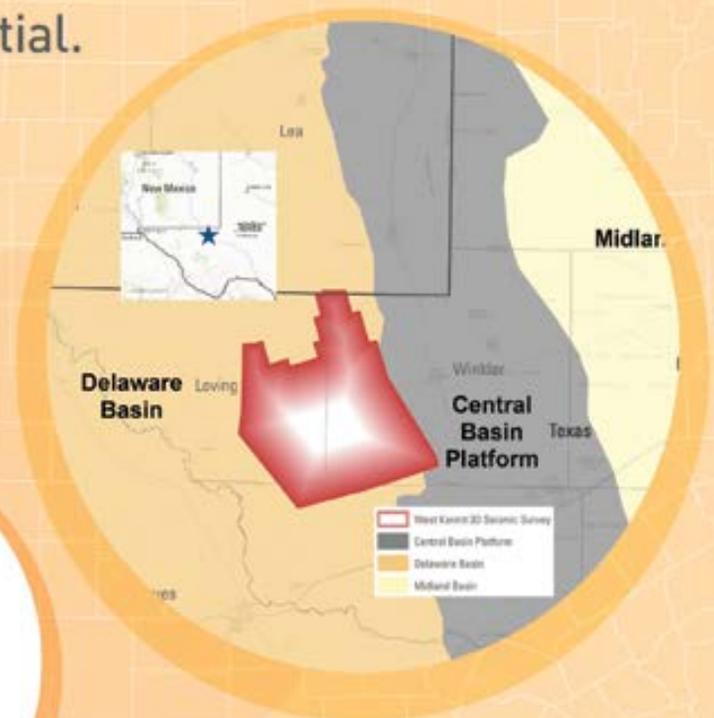
## West Kermit 3D: unlimited potential.

TGS announces commencement of field operations on the West Kermit 3D seismic survey in the Delaware Basin. This project will encompass a minimum of 150 square miles in Loving and Winkler Counties, TX.

This high resolution 3D survey is designed to assist in the evaluation and development of multiple zone potential including highly productive Wolfcamp and Bone Spring intervals. Data Acquisition is expected to begin in early Q2 2017 with final data available to clients in Q4 2017.

This high resolution 3D survey is designed to assist in the evaluation and development of multiple zone potential including highly productive Wolfcamp and Bone Spring intervals.

See it here.



See the energy at [TGS.com](http://TGS.com)



## Luncheons

### All-Convention Luncheon: The Evolution of the American Shale Plays: Where We Are and How We Got There

**Day:** Monday  
**Time:** 11:30 a.m.–1:15 p.m.  
**Location:** Grand Ballroom  
**Fee:** \$65  
**Speaker:** **Richard K. Stoneburner**, Managing Director of Pine Brook Partners



Since around 2006 the exploration, appraisal and development of shale reservoirs in the Lower 48 has seen a dramatic escalation, first starting with the gas productive shale reservoirs then followed by those that are liquid productive. The result has been a total renaissance for the domestic E & P industry. Each of the plays, which total approximately 14 that have seen substantial development, underwent an evolutionary cycle

that was driven by the roles of the various functions that contribute to the success of any given play: land, geologic, drilling, completion and production. As each play progresses through the evolutionary cycle, the role of each function changes accordingly. Even though all of the plays have certain common characteristics, Richard will attempt to point out something uniquely different about each of the 14 plays that might aid in a better understanding of plays yet to be discovered.

Mr. Stoneburner is currently a Managing Director for Pine Brook Partners, a private equity firm focusing on investments in the energy sector.

Mr. Stoneburner has over 35 years' experience in upstream oil and gas exploration and production. He is a former co-founder, President and Chief Operating Officer of Petrohawk Energy Corporation and President – North America Shale Production Division for BHP Billiton Petroleum from. Prior to co-founding Petrohawk in 2003, Stoneburner was Vice President Exploration for 3TEC Energy Corporation and worked for several E&P companies, including Hugoton Energy Corporation, Stoneburner Exploration Inc., Weber Energy and Texas Oil & Gas.

Richard has a Bachelor of Geological Sciences from the University of Texas at Austin, a Master's of Geology from Wichita State University, was a member of the AAPG's Distinguished Lecturer Series and was awarded the Norman Foster Outstanding Explorer of the Year award by the AAPG in 2016. Stoneburner also serves on the Advisory Council of The Jackson School of Geosciences, the Visiting Committee of the Bureau of Economic Geology and on the board of Memorial Assistance Ministries.

*The AAPG Foundation's Teacher of the Year Award will be presented during the All-Convention Luncheon. The annual Teacher of the Year award of \$6,000 is given to a K-12 teacher for excellence in the teaching of natural resources in the earth sciences. The award includes \$3,000 to the recipient's school and \$3,000 for the recipient's personal use. In addition, the recipient receives an expense-paid trip to the Annual Convention and Exhibition (ACE) to receive the award. Nominations for the award are submitted by the AAPG sections and the winner is chosen by AAPG Foundation's Teacher of the Year Judges. Each section winner receives a \$500 cash award.*



### Division of Professional Affairs (DPA) Luncheon: Toward a Philosophy of Oil Finding: Then, Now, Tomorrow!

**Day:** Tuesday  
**Time:** 11:30 a.m.–1:00 p.m.  
**Location:** Room 320  
**Fee:** \$60  
**Speaker:** **Wallace Pratt\***, Founding member of AAPG and Visionary Geoscientist, retired Humble Oil Co. (Exxon)



DPA is pleased to present a very special luncheon for this year's convention in honor of AAPG's 100th anniversary celebration, featuring founding AAPG member Wallace Pratt – legendary geologist, businessman, humanist and philosopher - as our esteemed speaker. Wallace will draw upon his rich breadth, wisdom and experience to relate the Heritage of the

Petroleum Geologist across the generations, with the aim to inspire today's geoscientists to continue to "find oil in their minds" and follow their instincts to raise the profession of geology "not only as a means of livelihood, but as a way of life." This luncheon is a sequel to the 2002 "Heritage of the Petroleum Geologist" luncheon, which honored 43 pioneering and notable geologists who served as table hosts. This 2017 offering will follow suit, honoring 58 accomplished and distinguished geologists, bringing the total of recognized honorees to 101; 100 to celebrate AAPG's centennial, plus 1 additional individual to symbolize the passing of our deep heritage to the next generation of energy-finders. Attendees will converse and dine with our honorees and will also receive a print edition of our 2017 honorees' experience – including successes, disappointments, anecdotes and advice.

*Actor portrayal\**



## Luncheons

### SEPM Business Meeting Luncheon: Can We Do Big Science in a Petroleum-Rich Basin? - The Robust Sedimentary Archive of the Deep Gulf of Mexico Basin

**Day:** Tuesday  
**Time:** 12:00 p.m. – 1:00 p.m.  
**Location:** Room 310  
**Fee:** \$55  
**Speaker:** **John W. Snedden**, Senior Research Scientist, Director of the Gulf Basin Depositional Synthesis Project at the Institute for Geophysics, University of Texas at Austin



John W. Snedden received his B.A. from Trinity University (San Antonio), his M.S. at Texas A&M University (College Station) and Ph.D. from Louisiana State University (Baton Rouge). With multiple domestic and international assignments, he worked for Mobil and ExxonMobil for over 25 years in research, exploration, development and production prior to joining UT.

The Gulf of Mexico is one of the most prolific hydrocarbon-producing basins in the world, with an estimated endowment (discovered and expected future finds) of over 152 BBOE and a 2017 projected oil production of 1.8 million barrels per day. As such, over half a million wells have drilled in the greater Gulf Basin, including onshore areas of the US, Mexico and Cuba. Virtually the entire northern Gulf is covered by 2-D and 3-D seismic surveys and in many areas, new wide-azimuth reflection surveys have been shot over the allochthonous salt canopy. With Mexico recently opening up to international exploration, a large number of new surveys are being acquired, including multi-beam bathymetry and backscatter, used for targeting natural oil and gas seeps. Real-time monitoring of sedimentary processes related to coastal erosion and deltaic sediment input to the basin is ongoing.

### Division of Environmental Geosciences (DEG) and Energy Minerals Division (EMD) Luncheon: Managing Water Risks Related to Increasing Unconventional Oil and Gas Production in the United States

**Day:** Wednesday  
**Time:** 11:30 a.m. – 1:00 p.m.  
**Location:** Room 320  
**Fee:** \$55  
**Speaker:** **Bridget R. Scanlon**, Bureau of Economic Geology, Jackson School of Geosciences, University of Texas at Austin



Bridget Scanlon is a Senior Research Scientist at the Bureau of Economic Geology, Jackson School of Geosciences, University of Texas at Austin. Her degrees are in Geology with a focus on hydrogeology with a B.A. Mod. from Trinity College, Dublin (1980); M.Sc. from the University of Alabama (1983) and Ph.D. from the University of Kentucky (1985). She has worked at the

University of Texas since 1987. Her current research focuses on the interdependence of water and energy, focusing on water quantity aspects. Her group evaluated water use for hydraulic fracturing for shale oil and gas extraction relative to water use in electricity generation. Their recent work focuses on oil plays in semiarid regions where water scarcity is a concern. She also works on broader issues related to water resources within the context of climate extremes using ground-based and satellite data. With increasing unconventional oil and gas production, accounting for about 50% of total U.S. production, it is important to understand various water risks related to sourcing of water to implement hydraulic fracturing and disposal of produced water that is generated with oil and gas production.





## SEPM Annual Meeting *Visit [sepm.org](http://sepm.org) for updates*

### SEPM President's Reception and Awards Ceremony

**Day:** Tuesday  
**Time:** 7:30 p.m.–9:30 p.m.  
**Location:** Four Seasons Hotel, Ballroom B  
**Fee:** Included with registration



SEPM President Vitor Abreu invites you to an evening of celebration to honor the 2017 award winners of SEPM – Society for Sedimentary Geology – and a great event to network and visit with colleagues old and new. The Twenhofel Medal, the highest award of SEPM given in recognition of a career of outstanding contributions to sedimentary geology, will be presented to Judith A. McKenzie. SEPM Honorary Membership, given for

both scientific contributions and service to the society, will be awarded to Don McNeill. The other science award recipients are Lynn Wright, who will receive the Francis P. Shepard Medal in recognition of excellence in marine geology; Susan Kidwell, the Raymond C. Moore Medal in recognition of excellence in paleontology; Steve Graham, the Pettijohn Medal for excellence in sedimentology & stratigraphy; and Jake Covault, the Wilson Award for excellence in sedimentary geology by an early career geoscientist.

SEPM will also honor the recipients of the Outstanding Paper Awards for both of its journals: Journal of Sedimentary Research and PALAIOS. SEPM will also recognize the Outstanding Student Presentation Awards from the 2017 Annual Meeting, where cash prizes will be presented to the top student presenters from the SEPM Student Awards Poster Session scheduled for Monday at Houston, sponsored by Nexen. As always, SEPM will recognize the members of the 2017 Annual Meeting

Organizing Committee, without whom the meeting could not take place and SEPM Foundation Student Grant recipients. The reception will begin at 7:30 p.m., with cocktails available at cash bars and substantial hors d'oeuvres. The awards ceremony will start at 8:00 p.m.

### SEPM Research Group Meetings and Reception

**Day:** Monday  
**Time:** 7:00 p.m.–10:00 p.m.  
**Location:** Four Seasons Hotel, various rooms  
**Fee:** Included with registration

The (SEPM) Society for Sedimentary Geology would like to invite anyone who is interested in research group activities to attend the SEPM Research Group Meetings.

### SEPM Field Trips and Short Courses

Be sure to check out the great array of trips and courses available for this meeting. Students especially should be aware of the Sequence Stratigraphy for Graduate Students sponsored by Chevron and the other SEPM courses that have some discounted student seats sponsored by multiple companies. Field Trips and Short Courses are listed on pages 24 and 25

### SEPM Best Student Poster Presentation Competition

SEPM will be recognizing the top student presentations from the SEPM Student Awards Poster Session (Monday). The top student presenters will be recognized with cash prizes at the SEPM President's Reception and Awards Ceremony on Tuesday evening. For additional information contact Theresa Scott ([tscott@sepm.org](mailto:tscott@sepm.org)) or Howard Harper ([hharper@sepm.org](mailto:hharper@sepm.org)) at SEPM headquarters.



## SAVE THE DATE

100 Years of Science Fueling 100 Years of Prosperity

**AAPG | SEG**  
**International Conference  
& Exhibition 2017**

15-18 October  
ExCeL, London

Plan to attend ICE London and experience a multidisciplinary technical program featuring unmatched global, regional and local expertise, innovations and connections. 2017 marks AAPG's 100th Anniversary Celebration which will include special programming and recognitions that will intensify the experience and create memories you won't soon forget.

Don't miss the most important geosciences event of the year!

[ICEevent.org](http://ICEevent.org)



## Networking Events

### Icebreaker Reception

**Day:** Sunday  
**Time:** 5:00 p.m.–7:30 p.m.  
**Location:** Exhibition Halls D/E  
**Fee:** Included with registration

Kick off our centennial celebration in style as the Exhibition opens with drinks and hors d'oeuvres for you to enjoy while connecting with your colleagues and networking with exhibitors.

### Refreshment Breaks

**Days:** Monday–Wednesday  
**Times:** 9:15 a.m.–10:15 a.m. (Monday, Tuesday and Wednesday)  
 2:30 p.m.–3:30 p.m. (Monday and Tuesday only)  
**Location:** Exhibition Halls D/E  
**Fee:** Included with registration

Now is your perfect opportunity to meet industry experts, innovators and influencers face-to-face as you grab a cup of coffee or tea and engage with product and service providers to see what the industry offers inside the Exhibition.

### End-of-Day Receptions

**Days:** Monday–Tuesday  
**Time:** 5:00 p.m.–6:00 p.m.  
**Location:** Exhibition Halls D/E  
**Fee:** Included with registration

Discover new industry trends, exchange ideas, gain competitive intel and cultivate your credibility as you relax with a drink and some appetizers and connect with fellow professionals, product and service providers and business prospects in the Exhibition.

## Alumni Activities

### All-Alumni Reception

**Day:** Monday  
**Time:** 5:30 p.m.–7:30 p.m.  
**Location:** Hilton Americas-Houston Hotel, Ballroom of the Americas A/B  
**Fee:** Included with registration

#### Participating colleges and universities:

- Iowa State University
- Kansas State University, Department of Geology
- Rice University
- Tufts University
- University of Aberdeen
- University of Arkansas
- University of Colorado
- University of Nevada, Reno, Mackay School of Earth Sciences & Engineering
- University of Tulsa

### Private Alumni Receptions

**Day:** Monday  
**Time:** 5:30 p.m.–7:30 p.m.  
**Location:** Hilton Americas-Houston Hotel, various rooms

- Colorado School of Mines: **Room 340**
- Colorado State University: **Room 339 A**
- Texas A&M University: **Grand Ballroom D**
- Trinity University: **Room 339 B**
- University of Cincinnati: **Room 328**
- University of Connecticut, Geosciences: **Room 337 A**
- University of Illinois at Urbana-Champaign: **Room 329**
- University of Iowa, Department of Earth & Environmental Sciences: **Room 332**
- University of Kansas: **Room 336**
- University of Kentucky, Department of Earth & Environmental Sciences: **Room 333**
- University of Oklahoma, Geology & Geophysics: **Room 337 B**
- University of Utah: **Room 330**
- West Virginia University: **Room 338**

### Private Alumni Functions

*All events held at the Hilton Americas-Houston Hotel unless otherwise noted.*

- **Lehigh University Reception**  
Monday, 5:30 p.m.–8:00 p.m. | Sambuca | 909 Texas Avenue
- **Pennsylvania State University, Department of Geosciences Reception**  
Monday, 5:30 p.m.–7:30 p.m. | St. Arnolds Brewery | 2000 Lyons Avenue
- **University of Texas at Austin, Jackson School of Geosciences Reception**  
Monday, 5:30 p.m.–7:30 p.m. | Massa Family's South Coast Grill | 1331 Lamar Street
- **Iowa State University Breakfast**  
Tuesday, 7:00 a.m.–8:00 a.m. | Room 333
- **Rice University Reception**  
Tuesday, 5:30 p.m.–7:30 p.m. | Grand Ballroom C
- **Southern Illinois University, Department of Geology Reception**  
Tuesday, 6:00 p.m.–8:00 p.m. | Flying Saucer Draught Emporium | 705 Main Street
- **University of Nebraska-Lincoln Reception**  
Tuesday, 5:30 p.m.–7:30 p.m. | Room 330
- **Louisiana State University, Department of Geology & Geophysics Reception**  
Tuesday, 5:30 p.m.–7:30 p.m. | Petroleum Club of Houston | 1201 Louisiana Street

## Networking Events

### Students

#### Student and Faculty Lounge

**Days:** Monday–Wednesday  
**Times:** Exhibition Open Hours  
**Location:** Exhibition Hall C, Booth #101

Complimentary refreshments are provided each day during exhibition hours. This Chevron sponsored lounge offers students a place to meet with fellow students and industry professionals to develop career contacts and lifelong friends.

#### Student Career Seminar

**Day:** Monday  
**Time:** 4:00 p.m.–6:00 p.m.  
**Location:** Hilton Americas-Houston Hotel, Room 335  
**Fee:** \$10

This workshop, sponsored by the AAPG Student Expo Committee, is designed to assist students and recent graduates in their employment search endeavors within the petroleum and environmental industries by introducing them to the activities of day-to-day life in these industries, and offering specific job search strategies and tips for finding employment. There will be a brief introduction to the table discussion leaders, who are industry managers and technical professionals, followed by a series of 30-minute facilitated roundtables where students are encouraged to ask questions of the discussion leaders. The discussion leaders will rotate among the tables maximizing interaction between industry professionals and students.

Students may also choose to sign up for a résumé review with an industry recruiter during this workshop. The résumé review offers practical guidelines for résumé development and interviewing tips.

#### AAPG/SEPM Student Reception

**Day:** Monday  
**Time:** 6:00 p.m.–8:00 p.m.  
**Location:** Hilton Americas-Houston Hotel, Ballroom of the Americas D/E/F  
**Fee:** Included with registration

All students and faculty attending the convention are invited to the AAPG/SEPM Student Reception sponsored by ExxonMobil. Enjoy hors d'oeuvres and refreshments while mingling with your peers. An introduction will be given by an ExxonMobil representative before the top three poster authors from the Shell sponsored "Selected Academic Research Topics: Student Presentations" receive awards. The Jim Hartman Service to Students Award will be conveyed to AAPG recipients(s) who contributed exceptional service to AAPG's student programs. The awards program continues with the presentation of the Schlumberger sponsored Outstanding Student Chapter awards, the Student Chapter YouTube Video competition sponsored by Shell and TOTAL and recognition of the winning Imperial Barrel Award team.

#### AAPG/AAPG Foundation Imperial Barrel Award (IBA)

The IBA program is an annual prospective basin evaluation competition for geoscience graduate students from universities around the world. Teams winning IBA Region and Section competitions qualify for an

opportunity to compete in the international finals during ACE. Sponsoring company representatives are allowed to watch the team presentations. For more information, please go to [iba.aapg.org/](http://iba.aapg.org/) sponsorship or contact a Programs Coordinator at [iba@aapg.org](mailto:iba@aapg.org). The announcement of the winning teams for this year's IBA competition will be open for all to attend and will take place right before the start of the Opening Session and Awards Ceremony.

### Young Professionals

#### Young Professionals Meet & Greet

**Day:** Sunday  
**Time:** 2:00 p.m.–3:00 p.m.  
**Location:** Room 310

Make plans to participate in the Young Professionals Meet & Greet event sponsored by Noble Energy— a great networking opportunity that serves as a link to connect students and early career professionals with experienced attendees (mentors) at ACE. Attendees are paired up and learn and/or share industry knowledge as well as help guide newcomers through the convention experience. Professionals may be paired with one or more students/young professionals. These paired groups of students/young professionals will be shown around the exhibition hall during the Icebreaker reception and introduced to other AAPG members and colleagues. This program grows in popularity every year with positive reviews from all who participate. Please indicate your interest in this program during the registration process. The Young Professionals Special Interest Group oversees this event.

#### Career Center - Open to All Job Seekers

**Dates & Times:** Monday, 8:30 a.m.–5:00 p.m.  
Tuesday, 8:30 a.m.–5:00 p.m.  
Wednesday, 8:30 a.m.–2:00 p.m.  
**Location:** Room 350 D/E

The Career Center in Houston is an AAPG benefit for both employers and job seekers. The room is conveniently accessible to the public and meeting registration is not required to utilize this service. We also have private interview rooms available during the hours posted.

The AAPG Career Center helps job seekers and employers connect in an environment specifically designed for petroleum geosciences professionals, saving them both time and effort. An attendant will be in the room to answer questions and assist with scheduling interviews, as well as posting résumés and jobs.

**Job seekers** – Bring your résumé to post to the Career Center bulletin board at no charge. AAPG members also have the option of posting their résumés online.

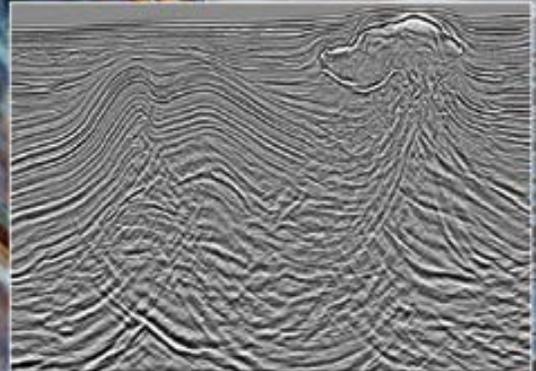
**Employers** – To post a job online anytime for a fee, go to [careercenter.aapg.org](http://careercenter.aapg.org).

While at the Career Center at ACE, you may post jobs on our bulletin board and reserve a table to meet with job seekers or share promotional material about your company. Companies may reserve half-day, full-day or all three days at no cost. Table must be staffed by your company representative. Limited space is available. If you would like to reserve a table at the Career Center at ACE, contact Brian McBroom in the Customer Experience Center at [bmcmbroom@aapg.org](mailto:bmcmbroom@aapg.org).

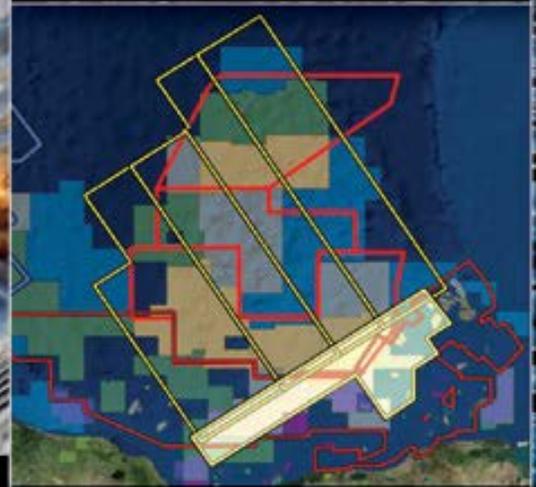
# Multiclient Mexico



*Campeche broadband WAZ program reveals fine stratigraphic details of complex depositional systems.*



*Our intermediate Campeche broadband WAZ volumes meet the industry's challenges by imaging intricate thrust subsalt structures.*



*Acquisition of long-offset broadband WAZ seismic data covering 9,900 km<sup>2</sup> of Campeche shallow water will be completed ahead of the Round 2.1 lease sale.*

## Gain a competitive bidding advantage with our advanced seismic imaging technology.

Powered by the latest acquisition and imaging technologies and an integrated multidisciplinary approach, our Campeche broadband WAZ program has been designed to help you best assess hydrocarbon potential, reduce risk, and rank opportunities offshore Mexico.

We are acquiring 71,000 km<sup>2</sup> of high-quality, long-offset broadband WAZ seismic data in Campeche including 9,900 km<sup>2</sup> of data in shallow water ahead of the Round 2.1 lease sale. Achieve your exploration, appraisal, and development goals today and for years to come using this comprehensive portfolio.

[multiclient.slb.com/Mexico](http://multiclient.slb.com/Mexico)



## Short Courses

Please visit ACE.AAPG.org for all details, policies and important notes regarding short courses.

Pre-Convention					
	Title	Instructor	Days/Times	Locations	Fees
1	Writing for the AAPG Bulletin: Having Fun While Avoiding Pitfalls (AAPG)	Gretchen Gillis (Aramco Services Company, Houston, Texas); John Lorenz (FractureStudies LLC, Albuquerque, New Mexico); Michael Sweet (ExxonMobil Research Co., Spring, Texas)	Saturday 8:00 a.m. – 5:00 p.m.	Room 352 A	Professionals \$125 Students \$35
2	Geochemical Evaluation of Unconventional Shale Reservoir Systems (EMD)	Daniel Jarvie and Andrew Pepper (Energy Institute at TCU, Humble, Texas) Daniel M. Jarvie (Energy Institute at TCU, Humble, Texas); Andrew Pepper (This!s Petroleum Systems, Houston, Texas)	Saturday 8:00 a.m. – 5:00 p.m.	Room 352 E	Professionals \$300 Students \$150
3	Sequence-Stratigraphic Analysis of Shales and Mudstones: Key to Paleoclimate Archives, Subsurface Fluid Flow and Hydrocarbon Source, Reservoir and Seal (SEPM)	Kevin Bohacs, Ovidiu Remus Lazar and Joe MacQuaker (ExxonMobil Upstream Research Company, Houston, Texas); Juergen Schieber (Indiana University, Bloomington, Indiana)	Saturday 8:00 a.m. – 5:00 p.m.	Four Seasons Hotel, Highland Room	Professionals \$600 Students \$100
4	Global Deepwater Siliciclastic Reservoirs (HGS)	Jon Rotzien (Basin Dynamics LLC, Houston, Texas)	Saturday–Sunday 8:00 a.m. – 5:00 p.m.	Room 342 D	Professionals \$385 Students \$190
6	Basin and Petroleum System Modeling in Conventional and Unconventional Petroleum Exploration (AAPG)	Ken Peters (Schlumberger and Stanford University; Mill Valley, California) and Noelle Schoellkopf (Schlumberger Software Integrated Solutions, Danville, California)	Saturday–Sunday 8:00 a.m. – 5:00 p.m.	Room 352 C	Professionals \$795 Students \$195
7	Advanced Geochemical Technologies: Methods That Reveal the Rest of Your Petroleum System (AAPG)	Mike Moldowan (Biomarker Technologies, Inc., Rohnert Park, California); Professor (Emeritus), (Department Geological Sciences, Stanford University)	Saturday–Sunday 8:00 a.m. – 5:00 p.m.	Room 352 F	Professionals \$650 Students \$150
8	From Rocks to Models: Geological Reservoir Characterization and Modeling (HGS)	Matthew Pranter (ConocoPhillips School of Geology and Geophysics, University of Oklahoma, Norman, Oklahoma); Zulfiqar Reza (Mewbourne School of Petroleum and Geological Engineering, University of Oklahoma, Norman, Oklahoma)	Saturday–Sunday 8:00 a.m. – 5:00 p.m.	Room 352 D	Professionals \$795 Students \$390
9	Quality Control Techniques for Reviewing Prospects and Acquisitions (DPA)	Robert Shoup (Subsurface Consultants & Associates, Houston, Texas)	Saturday 8:00 a.m. – 5:00 p.m. Sunday 8:00 a.m. – 4:00 p.m.	Room 352 B	Professionals \$700 Students \$350
10	<b>*SOLD OUT*</b> Sequence Stratigraphy for Graduate Students (SEPM)	Morgan Sullivan (Chevron, Houston, Texas); Art Donovan (Texas A&M, Houston, Texas)	Saturday–Sunday 8:00 a.m. – 5:00 p.m.	Four Seasons Hotel, Fairfield Room	Students \$50
11	Advanced Sequence Stratigraphy for E&P Professionals (SEPM)	Vitor Abreu (Abreu Consulting and Training, Consultant, Houston, Texas); Jack Neal (ExxonMobil Upstream Research, Houston, Texas); Keriann Pedersen (ExxonMobil, Houston, Texas)	Saturday 8:00 a.m. – 5:00 p.m. Sunday 8:00 a.m. – 4:00 p.m.	Four Seasons Hotel, Whitney Room	Professionals \$700 Students \$150
13	Petroleum Geochemistry for Basin Evaluation (AAPG)	Irene Arango and Norelis Rodriguez (Chevron, Houston, Texas)	Sunday 8:00 a.m. – 5:00 p.m.	Room 352 E	Students \$50
14	Fundamentals of Creativity and Innovation with Applications to E&P Organizations (AAPG)	Henry Pettingill and Niven Shumaker (Noble Energy Inc., Houston, Texas)	Sunday 8:00 a.m. – 4:30 p.m.	Room 352 A	Professionals \$465 Students \$125
15	Black Belt Ethics (DPA)	Robert Shoup (Subsurface Consultants & Associates, Houston, Texas)	Sunday 11:30 a.m. – 12:30 p.m.	Room 352 B	DPA Members \$45 Nonmembers \$70



Post-Convention					
19	Naturally Fractured Reservoirs (HGS)	John Lorenz and Scott Cooper (FractureStudies LLC, Edgewood, New Mexico)	Thursday–Friday 8:00 a.m.–5:00 p.m.	Room 370 A	Professionals \$795 Students \$390
21	Rock & Seismic Sequence Expression of Carbonate Systems – Exploration & Reservoir Characterization (SEPM)	Rick Sarg (Colorado School of Mines, Golden, Colorado)	Thursday–Friday 8:00 a.m.–5:00 p.m.	Four Seasons Hotel, Bridgeport Room	Professionals \$700 Students \$150

### Cancelled:

- 5. Monte Carlo Methods – The Need-to-Know Practical Primer (DEG)
- 12. Basin Analysis Methods (SEPM)
- 16. Seismic Geomorphology and seismic Stratigraphy: Extracting Geologic Insights from 3-D Seismic Data (SEPM)
- 17. Principles of Chemostratigraphy (BEG)
- 18. Extracting Geology from Seismic Wiggles: Basic Seismic Interpretation for Non-Geophysicists (HGS)
- 20. 3-D Seismic Interpretation for Geologists (SEPM)

## Field Trips

Please visit [ACE.AAPG.org](http://ACE.AAPG.org) for all details, policies and important notes regarding field trips.

Pre-Convention				
	Title	Leader(s)	Dates/Times	Fees
3	Fluvial and Coastal Clastic Sedimentology and Ichnology in Modern Environments and Core (SEPM)	Anton Wroblewski, Thomas Hearon (ConocoPhillips, Houston, Texas) Stephen Hasiotis (University of Kansas, Lawrence, Kansas) Peter Flaig (Bureau of Economic Geology, Austin, Texas)	Friday, 9:00 a.m. –Saturday, 6:30 p.m.	Professionals/Students \$600 (single occupancy); \$480 (double occupancy)
4	Inside NASA Space Center Houston (AAPG Astrogeology Committee)	William A. Ambrose (University of Texas, Austin, Texas), Bruce Cutright (Thermal EP, Austin, Texas), Linda Sternbach (Star Creek Energy, Houston, Texas), Nic Brissette (Delta Oil & Gas, Fort Worth, Texas)	Saturday 8:30 a.m.–5:00 p.m.	Professionals \$250 Students \$150 (Limit 15)
5	Investigating a Meandering Creek System in Houston's Backyard – Panther Creek, Montgomery County Preserve (HGS)	Erik Scott (E&P Geoscience, LLC, Houston, Texas)	Sunday 8:00 a.m.–4:00 p.m.	Professionals \$150; Students \$75
Post-Convention				
7	<b>*SOLD OUT*</b> Unconventional Source Rock Reservoir Field Seminar: Eagle Ford Group (West Texas) (AAPG/EMD)	Art Donovan (BP, Houston, Texas), Mike Pope (Texas A&M, College Station, Texas), Rand Gardner (Total, Houston, Texas), Scott Staerker (BP, Houston, Texas)	Wednesday, 1:00 p.m. –Saturday, 3:00 p.m.	Professionals \$1,375 Students \$1,200 (Limit 8)
8	Revised Stratigraphic Framework for the Cutoff Formation and Implications for Upper Bone Spring and Avalon Reservoirs (SEPM)	Greg Hurd (Chevron, Houston, Texas) and Xavier Janson (Bureau of Economic Geology, Austin, Texas)	Wednesday, 7:30 a.m. –Saturday, 2:00 p.m.	Professionals/Students \$1,400
9	Spindletop (HGS)	Rosemary Laidacker (CGE Consulting, Houston, Texas) Robert Pledger (Ashford Oil & Gas Company, LLC, Houston, Texas)	Thursday 7:45 a.m.–6:30 p.m.	Professionals/Students \$150
10	Modern Galveston Island and the Brazos River Delta as Reservoir Analogs (SEPM)	Julia Wellner (University of Houston, Houston, Texas) and Davin Wallace (The University of Southern Mississippi, Hattiesburg, Mississippi)	Thursday 8:00 a.m.–6:00 p.m.	Professionals \$175; Students \$75 (limited)

### Cancelled:

- 1. Unconventional Carbonate Mud Depositional Environments and Facies Distribution: A Modern Perspective (AAPG)
- 2. Upper Cambrian Microbial Carbonate Mounds in Central Texas (Mason County) (SEPM)
- 6. Shelf to Basin Sequence Framework and Facies Architecture of a Cretaceous Carbonate Ramp: Late Albian Maverick Intraself Basin, Southwest Texas (SEPM)
- 11. Maverick Intraself Basin, Southwest Texas (SEPM) Deepwater Deposits of the Pennsylvanian Ouachita Trough: Fans, Faults and Seafloor Failures (SEPM)

## Guest Program

### Celebrating AAPG's 100th Anniversary!

Welcome to Houston, the fourth largest city in the U.S. and one of the most culturally diverse. We are proud of our Texas hospitality, so don't be surprised if someone gives you a big smile and says "Howdy." We hope you have the opportunity to visit some of our world class museums, as well as some more eclectic areas and sample our incredible cuisine.

Registered guests are invited to enjoy the comforts of the Guest Hospitality Suite in the Hilton Americas-Houston Hotel located across from the George R. Brown Convention Center. This is the perfect place to visit with friends, relax and enjoy refreshments.

Volunteers from the Guest Program Committee will be on hand to answer your questions about the tours and about the Houston area. Let us help you get acquainted with our city and the surrounding area and provide you with the brochures and maps you need. Whatever your interest, Houston has something for everyone!

### Guest Hospitality Suite Hours:

Monday ..... 8:00 a.m. – 3:00 p.m.  
Tuesday ..... 8:00 a.m. – 3:00 p.m.  
Wednesday ..... 8:00 a.m. – 12:00 p.m.

**Location:** Grand Ballroom A/B, Hilton Americas-Houston Hotel

### Social Activity

#### Worldly Wines, Crafty Beers & Delectable Bites

**Day:** Tuesday  
**Time:** 3:00 p.m. – 4:30 p.m.  
**Location:** Market Bar at Phoenicia Speciality Foods, 1001 Austin St., Located 1 1/2 blocks from the Hilton Americas-Houston Hotel  
**Fee:** Please note your interest when registering  
**Note:** Walk on your own or with other guests departing the Guest Hospitality Suite at 2:50 p.m.

### Guest Tours

All Guest Tours will depart from the Guest Hospitality Suite at the Hilton Americas-Houston Hotel. Participants should plan to arrive in the Hospitality Suite 15 minutes prior to the published departure times and check in with the AAPG Guest Tour Host. Participants need to wear comfortable walking shoes and wear appropriate clothing for both indoor and outdoor conditions.

### \*SOLD OUT\* Houston Museum of Natural Science & Mummies of the World Tour

**Day:** Monday  
**Time:** 8:15 a.m. – 12:30 p.m.  
**Fee:** \$45  
**Includes:** All transportation plus general & featured exhibition admissions

The HMNS is a must see in Houston. With a mineral exhibit and new paleontology exhibit that rival the Smithsonian's and a one of a kind energy exhibit that engulfs visitors in the process of exploring and producing oil and gas, this really is an out of this world learning experience! In addition, guests will receive admission to the "Mummies of the World" (limited engagement), the largest exhibition of real mummies and related artifacts ever assembled, presenting a never before seen collection of preserved human and animal mummies. This compelling collection, presented with reverence and dignity, includes ancient mummies from South America, Europe and ancient Egypt, dating as far back as 4,500 years

### Houston Building Stones Walking Tour with Geologist Neal Immega

**Day:** Monday  
**Time:** 10:00 a.m. – 12:00 p.m.  
**Fee:** Please note your interest when registering  
**Includes:** Two miles of walking with stops, both indoor and outdoor

Houston is known more for its clay and lack of outcrops, unless you are downtown that is. Join Neal to discover the variety of interesting sedimentary, igneous and metamorphic rocks from all over the world that now cover the surfaces of Houston's downtown buildings, both inside and out.

### \*SOLD OUT\* Downtown Houston Walking Culinary Tour

**Day:** Monday  
**Time:** 12:00 p.m. – 3:30 p.m.  
**Fee:** \$85 (must be 21 years or older)  
**Includes:** Taxi to starting point of tour, tour guide and culinary delights  
**Notes:** No return transportation is provided. You may take a taxi at your own expense or walk one mile back to the hotel.

Downtown Houston has recently established itself as a hot new scene for foodies. This Downtown Houston Culinary Tour Guide will take you on a leisurely one mile walk of the historic and hip downtown Houston food scene giving you interesting tidbits about the historic beginnings of this early section of Houston, its architecture and culture. The tour stops every 3-4 blocks to visit each of three critically acclaimed local restaurants where you can meet the chefs, learn about their culinary influences and enjoy some of their delectable specialties. Beer and wine can be purchased a la carte on site.



## Guest Program

### **\*SOLD OUT\*** Spirit of the Bayou Boat Tour

**Day:** Tuesday  
**Time:** 12:30 p.m.–3:30 p.m.  
**Fee:** \$55  
**Includes:** Taxi to/from the walking point, boat tour with historical tour guide and bottled water  
**Notes:** All attendees will have to walk half a mile to/from the walking point to the boat launch

The city of Houston is well known for being nicknamed “the bayou city” and Buffalo Bayou is surely one of our most natural gems. This slowmoving waterway was the site of Houston’s founding in 1836 and has become a destination for outdoor recreation in the heart of the city. The park has been recently improved and contains an incredibly diverse urban ecosystem that supports dozens of native species of flora and fauna. Buffalo Bayou Partnership’s pontoon tour boat, Spirit of the Bayou, will take you and your guide on a 1½ hour ride through beautiful Buffalo Bayou Park as you take in historic sites and great downtown views.

### Bayou City Bike Tour

**Day:** Wednesday  
**Time:** 8:45 a.m.–12:00 p.m.  
**Fee:** \$65  
**Includes:** Door to door service, tour guide, bicycle, helmet (optional age 18+), and bottled water

Want to really get to know Houston? Biking can be the best way to discover a city from the most intimate, hands on perspective! This active tour will take you on a ride through downtown and the ever expanding bike trails our city has to offer. Your Host will walk you outside to meet your Bayou City Bike Tour Guide, grab a helmet and settle onto your bicycle for this fascinating tour. Average 10 mile total trip distance with many stops offers an opportunity to explore at a leisurely pace. One stop in Market Square Park offers an opportunity for a water refill or to purchase a snack or beverage at Niko Niko’s.

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 of the global energy mix



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# ACE 2017 Organizing Committee



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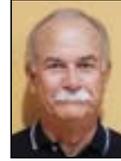
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## ACE 2017 Technical Program Theme Chairs

### Theme: Siliciclastics



**Calum Macaulay**  
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and Production Company



**Rhonda Welch**  
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### Theme: Carbonates and Evaporites



**Charles Kerans**  
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**André W. Droxler**  
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**Christine Iannello Bachtel**  
ExxonMobil

### Theme: Geochemistry, Basin Modeling, and Petroleum Systems



**Friedemann Baur**  
Chevron



**Irene Arango**  
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### Theme: Structure, Tectonics and Geomechanics



**Julia Gale**  
Bureau of Economic Geology,  
The University of Texas at Austin



**Greg Schoenborn**  
Chevron

### Theme: Deepwater



**Lorena Moscardelli**  
Statoil Research  
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**Vanessa Kertzus**  
Shell Exploration and  
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### Theme: Unconventional Resources



**Harris Cander**  
BP America  
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### Theme: Energy and Environment



**Bryan Byrd**  
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**Stephanie Nwoko**  
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### Theme: Emerging Frontiers and Novel Technology



**Fuping Zhu**  
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### Theme: Geophysics



**Huyen Bui**  
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**David Johnston**  
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### Theme: International Regional Highlights



**Peter M. Lloyd**  
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**Victor H. Vega**  
Shell Exploration and  
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### Theme: Future of Energy Exploration



**Peter Carragher**  
Rose and Associates



**James Courtier**  
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### Theme: SEPM Research Symposium



**Lesli Wood**  
Colorado School of Mines



**Rick Sarg**  
Colorado School of Mines

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# ACE 2018

ANNUAL CONVENTION & EXHIBITION

ACE 101: Bridging Fundamentals and Innovation

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## Oral Sessions at a Glance

- Theme 1: Siliciclastics
- Theme 2: Carbonates and Evaporites
- Theme 3: Geochemistry, Basin Modeling and Petroleum Systems
- Theme 4: Structure, Tectonics and Geomechanics
- Theme 5: Deepwater
- Theme 6: Unconventional Resources
- Theme 7: Energy and Environment
- Theme 8: Emerging Frontiers and New Technology
- Theme 9: Geophysics - Integration of the Technology Across the Business
- Theme 10: International Regions Highlights

	General Assembly A	General Assembly B	General Assembly C	Room 370
Sunday Afternoon		History of Petroleum Geology		
Monday Morning	Theme 6: Unconventional: Advances in Mudstone and Organic Matter Depositional Processes (EMD/AAPG)	Discovery Thinking I	Theme 2: Carbonates: Honoring Lloyd C. Pray for His Contributions to Carbonates – From Cements and Pore Systems to Buildups, Slopes and Allocthonous Deposits (SEPM/AAPG)	Theme 4: Structure/ Geomechanics: Contractual Structure and Tectonics (AAPG)
Monday Afternoon	Theme 6: Unconventional: Advances in Unconventional Petroleum Systems and Source Rocks (EMD/AAPG)	Discovery Thinking II	Theme 6: Unconventional: New Approaches to Improving Performance of Unconventional Reservoirs (EMD/AAPG)	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG) Theme 4: Structure/ Geomechanics: Geomechanics (AAPG)
Tuesday Morning	Theme 6: Unconventional: Permian and Eagle Ford (EMD/AAPG)	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 I	Theme 11: Future of Energy: Previous Predictions and Future Trends (AAPG)	Theme 3: Geochemistry/ Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain (AAPG)
Tuesday Afternoon	Theme 6: Unconventional: Emerging and Mature North American Plays (EMD/ AAPG)	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 II	DEG/EMD Forum: The Next 100 Years of Global Energy Use: Resources, Impacts and Economics	Theme 3: Geochemistry/ Petroleum Systems: Risk Quantification Through Petroleum System Analysis (AAPG)
Wednesday Morning	Theme 1: Siliciclastics: Source to Sink II: Global Examples (SEPM) Theme 1: Siliciclastics: Continental to Shallow Marine II: Tidal to Shelf (SEPM)	Theme 5: Deepwater: Major Deepwater Fields of the Offshore U.S. Gulf of Mexico (AAPG)	DEG/DPA Forum: The Future Best Practices for Extraction Industries in a Lower Carbon Environment	Theme 4: Structure/ Geomechanics: Rifting and Extension (AAPG)
Wednesday Afternoon	Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing and Other Oil Recovery Best Practices (DEG) Theme 7: Energy & Environment: Climate, Environment and Challenges to the Industry (DEG)	Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)

# 100 Years of Science Fueling 100 Years of Prosperity



- Theme 11: Future of Energy Exploration
- Theme 12: SEPM/AAPG Research Symposium AAPG and SEPM Student Research Poster Sessions
- History of Petroleum Geology
- Discovery Thinking
- DEG/EMD Forum: The Next 100 Years of Global Energy Use: Resources, Impacts and Economics
- DEG/DPA: The Future Best Practices for Extraction Industries in a Lower Carbon Environment

Room 361	Room 360	Room 351	Room 342	Room 332
Theme 1: Siliciclastics: Contributions From Numerical and Physical Models: From Fluvial to Deepwater (SEPM)	Theme 9 Geophysics: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)	Theme 3: Geochemistry/ Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling (AAPG)	
Theme 1: Siliciclastics: Innovative Techniques and Workflows (AAPG/SEPM)	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)	Theme 8: Emerging Frontiers: Impact of Geologic Uncertainty on Pore Pressure and Implications for Well Design (AAPG)	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)	
		Theme 8: Emerging Frontiers: Seep Hunters: Validating Charge in Wildcat Settings for Better Results (AAPG)	Theme 2: Carbonates: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)	
Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)	Theme 1: Siliciclastics: Quantitative Reservoir Quality Prediction and Clastic Diagenesis (SEPM)	Theme 10: International Regions: Latin America (AAPG)	Theme 5: Deepwater: Non-Turbidite Deepwater Units as Key Petroleum System Elements (SEPM/AAPG)	Theme 11: Future of Energy: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (AAPG)
Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial, Fluvial and Aeolian (SEPM)	Theme 9 Geophysics: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)	Theme 10: International Regions: Europe (AAPG)	Theme 4: Structure/ Geomechanics: Salt Structure and Tectonics (AAPG)	
Theme 3: Geochemistry/ Petroleum Systems: Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)	Theme 9 Geophysics: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)	Theme 10: International Regions: Regions Overview (AAPG)	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)	Theme 10: International Regions China (AAPG)
		Theme 10: International Regions: Africa (AAPG)		
Theme 4: Structure/ Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)	Theme 1: Siliciclastics: Sea-Level, Climatic and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)	Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)	Theme 10: International Regions: Asia Pacific, Middle East and Canada (AAPG)
			Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)	

## Poster Sessions at a Glance

- Theme 1: Siliciclastics
- Theme 2: Carbonates and Evaporites
- Theme 3: Geochemistry, Basin Modeling and Petroleum Systems
- Theme 4: Structure, Tectonics and Geomechanics
- Theme 5: Deepwater
- Theme 6: Unconventional Resources
- Theme 7: Energy and Environment
- Theme 8: Emerging Frontiers and New Technology
- Theme 9: Geophysics - Integration of the Technology across the Business
- Theme 10: International Regions Highlights

Monday Morning	AAPG Student Posters I	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I & II (AAPG)
Monday Afternoon	SEPM Student Posters I	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)	Theme 1: Siliciclastics: Source to Sink (SEPM)	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Tuesday Morning	AAPG Student Posters II	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I, II, & III (SEPM)	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing and Other Oil Recovery Best Practices (DEG)	Theme 7: Energy & Environment: Reclamation and Greenhouse Gas Sequestration Techniques and Best Practices (DEG)
Tuesday Afternoon	SEPM Student Posters II	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM) Theme 1: Siliciclastics: Continental to Shallow Marine III: Aeolian to Shallow Marine (SEPM)	Theme 1: Siliciclastics: Insights From Mexico to Nova Scotia (AAPG)	Theme 1: Siliciclastics: Impact of Structures on Sedimentary Systems (SEPM/AAPG)
Wednesday Morning	AAPG Student Poster III		Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)



- Theme 11: Future of Energy Exploration
- Theme 12: SEPM/AAPG Research Symposium AAPG and SEPM Student Research Poster Sessions
- AAPG Student Posters
- SEPM Student Posters

Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)	Theme 6: Unconventional: Unconventionals of the U.S. Lower 48 (EMD/AAPG)	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)	Theme 4: Structure/ Geomechanics: Rifting and Extension (AAPG)	Theme 4: Structure/ Geomechanics: Crustal Architecture & Rifting (AAPG)	
Theme 3: Geochemistry/ Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I & II (AAPG)	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental and Mitigation Best Practices (DEG)	Theme 11: Future of Energy Exploration and Essential Tools for the Next Generation (AAPG)	Theme 4: Structure/ Geomechanics: Contractional Structure and Tectonics (AAPG)	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)	
Theme 4: Structure/ Geomechanics: Salt Structure and Tectonics (AAPG)	Theme 4: Structure/ Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)	Theme 3: Geochemistry/ Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)	Theme 6: Unconventional: Unconventionals of the Americas: Canada and Argentina (EMD/AAPG)	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Theme 5: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)	Theme 6: Unconventional: Unconventional Plays of the Eastern Hemisphere (EMD/AAPG)	Theme 4: Structure/ Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Theme 3: Geochemistry/ Petroleum Systems: Petroleum Systems of China (AAPG)	Theme 6: Unconventional: Unconventional Plays of China I & II (EMD/AAPG)	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III & IV (EMD/AAPG)	Theme 1: Siliciclastics: Sea-Level, Climatic and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)

## Technical Program Sunday & Monday

\* denotes presenter other than first author

### Sunday Morning Oral Sessions

#### History of Petroleum Geology

*General Assembly B*

*Co-Chairs: A. Haddad, R. Hardy and R. Hatcher*

- 11:55 **Introductory Remarks**
- 12:00 **Petroleum Exploration Potential in North America c. 1859:**  
R. P. Sorenson
- 12:20 **The AAPG Century – Giant Fields Through the Decades:** R. K. Merrill,  
C. A. Sternbach
- 12:40 **Practical Tools, the Beginnings of Professional Practice and the  
Founding of AAPG: 1900-1917:** J. McDonald
- 1:00 **Wallace E. Pratt: An Amazing Figure of 20th Century American Life and  
a True Petroleum Geologist:** D. M. Jurick, G. R. Keller
- 1:20 **Lewis G. Weeks and the “Oil Habitat” Paradigm in Petroleum Geology:**  
R. Sorkhabi
- 1:40 **Three Women Provide the Profound Exploration Technology  
Breakthrough of the 1920s:** R. Gries
- 2:00 **Macroseeps and Microseeps: A History of Unconventional Approach to  
Exploration Since the Start of the Petroleum Age:** S. A. Tedesco
- 2:20 **A View on the Past, Present and Future Use of Paleoclimate Modeling in  
Hydrocarbon Exploration:** M. I. Ross

### Monday Morning Oral Sessions

#### Theme 6: Unconventional: Advances in Mudstone and Organic Matter Depositional Processes (EMD/AAPG)

*General Assembly A*

*Co-Chairs: D. Blood and C. Macaulay*

- 8:00 **Introductory Remarks**
- 8:05 **Can Sequence Stratigraphic Concepts Be Applied in Mudrock Systems?:**  
S. C. Ruppel
- 8:25 **Importance of Outcrop Characterization in the Development of  
Unconventional Shales:** R. Brito, R. Slatt
- 8:45 **Influence of Depositional Dynamics on the Internal Architecture and  
Facies Continuity of the Eagle Ford Formation, Texas, USA:** G. Frébourg,  
S. C. Ruppel, H. Rowe
- 9:05 **The Effects of Reservoir Heterogeneity on Shale Gas Accumulation and  
Production – Case Study From Ordovician Wufeng-Silurian Longmaxi  
Marine Shale in the Sichuan Basin, China:** S. Jiang, X. Tang, Z. Jiang,  
L. Chen, S. Long, Z. He
- 9:25 **Refreshment Break**
- 10:10 **A Conceptual Perspective on Processes That Deposit Mud and Their  
Impact on Shale Fabrics and Future Pore Systems:** J. Schieber
- 10:30 **Applicability of Bentonites to Early Development Areas, TOC Prediction  
and Quantification of Lateral Facies Variation: A Case in Vaca Muerta  
Formation (Argentina):** D. Minisini
- 10:50 **Sedimentology and XRF-Based Elemental Geochemistry of Cores From  
the Trenton Group and Utica Shale Along the Ordovician Outcrop Belt in  
Central New York:** J. T. Pietras, D. R. Miserendino, E. Spiegel
- 11:10 **Redox Conditions During Deposition of the Upper Ordovician Point  
Pleasant Limestone, Appalachian Basin, USA: Insights Into Organic  
Matter Production, Preservation and Reservoir Development:** D. Blood
- 11:30 **Chronostratigraphy, Correlation and Depositional History of the  
Marcellus Shale in the Central Appalachian Basin: A Study of Inorganic  
Geochemistry, Stable Isotopes and Magnetic Susceptibility Data From  
Pennsylvania and West Virginia:** N. B. Sullivan, P. Montgomery,  
E. Mathia, K. Ratcliffe, W. C. Dawson, A. Eakin, B. Carson, R. Chhajlani

#### Discovery Thinking I

*General Assembly B*

*Co-Chairs: C. Sternbach and P. Weimer*

- 8:00 **Introductory Remarks**
- 8:05 **Lessons From a Decade of Discovery Thinking Forums:** C. A. Sternbach
- 8:15 **Discovery of a Bolivian Foothills Giant Gas Field: Incahuasi:** P. Mallard
- 8:45 **Utica Shale Update, Southwest Pennsylvania:** B. Zagorski
- 9:25 **Refreshment Break**
- 10:10 **Redtail Field, A Thermal Anomaly on the Eastern Extension of the  
Colorado Mineral Belt, Denver Basin, Colorado:** J. R. Forster, M. Odegard,  
M. Sonnenfeld, M. Williams
- 10:50 **A Fresh Look to Exploration and Discoveries in Mississippi Canyon,  
Northern Gulf of Mexico:** E. Zimmerman

#### Theme 2: Carbonates: Honoring Lloyd C. Pray for His Contributions to Carbonates – From Cements and Pore Systems to Buildups, Slopes and Allocthonous Deposits (SEPM/AAPG)

*General Assembly C*

*Co-Chairs: W. Morgan and R. Sarg*

- 8:00 **Introductory Remarks**
- 8:05 **The Role of Capitan Research in the Evolution of Carbonate Conceptual  
Models and Paradigms:** P. Harris, C. Kerans
- 8:25 **Mixed Carbonate-Siliciclastic Slope Sedimentation in a Foreland Basin  
(Lower to Middle Permian, Southern Delaware Basin, Texas):**X. Janson,  
A. Hairabian, G. S. Hurd
- 8:45 **Geochemical Drivers in Carbonate Shoreline Settings: Examples From  
Permian of West Texas and New Mexico:** B. P. Smith, C. Kerans
- 9:05 **Diagenetic Systematics of Carbonate Associated Sulfate in Carbonate  
Facies of the Yates, Capitan and Bell Canyon Formations, Guadalupe  
Mountains National Park, Texas:** T. M. Present, J. F. Adkins,  
J. P. Grotzinger
- 9:25 **Refreshment Break**
- 10:10 **Submarine-Cemented Pennsylvanian to Early Permian ‘Waulsortian’  
and Palaeoaplysiniid Reefs in the Canadian Arctic:** G. R. Davies
- 10:30 **Microbially Influenced Waulsortian Mound Reservoirs in the Lower  
Mississippian (Tournasian) Lodgepole Formation, Dickinson Field  
Complex, Williston Basin, North Dakota, USA:** W. A. Morgan,  
R. W. Mitchel, III, M. A. Sheedlo, S. W. Young, W. M. Ahr
- 10:50 **Integrated Reservoir Characterization of Silurian (Niagaran) “Pinnacle”  
Reefs in the Michigan Basin – New Insights Into a Mature Reef Play:**  
G. Grammer, J. Wold, A. (Ritter) Varga, H. Qualman
- 11:10 **The Impact of Paleotopography on Transport of Reef Carbonates to  
Basinal Settings: Lessons From the Upper Miocene of Southeast Spain:**  
E. K. Franseen, R. H. Goldstein
- 11:30 **Multi-Scale Pore Network Evaluation of Bimodal Carbonates:  
Implications for Hydrocarbon Production:** T. D. Jobe, S. Zhang, S. Geiger,  
Z. Jiang

#### Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)

*Room 370*

*Co-Chairs: O. Kostenko and P. Krzywiec*

- 8:00 **Introductory Remarks**
- 8:05 **Incorporating Layer Thickening and Thinning Into Kinematic Modeling  
of Fault-Related Folding:** C. Connors



## Technical Program Monday

- 8:25 **Onshore San Joaquin Basin and Temblor Range, California: New Insights Into the Structural Framework of a Complex and Mature Fold and Thrust Belt:** M. Molinaro, T. Hauge, S. O'Connor, A. Salem, O. V. Kostenko, S. Naruk
- 8:45 **Implications of Uplift and Erosion on Pore Pressure, Stress and Seal Integrity:** H. M. Bolaas, J. Eide, C. Hermanrud, O. Kløvjan, G. G. Teige
- 9:05 **The Role of Evaporites, Foreland Basin Fill and Inherited Crustal Weaknesses on Structural Styles in the Pamir and Tian Shan Forelands, Western Tarim Basin, Northwest China:** J. A. Thompson, T. Li, J. Chen
- 9:25 **Refreshment Break**
- 10:10 **The Sub-Andean Fold and Thrust Belt in Southern Bolivia: Integrated Methodology and Regional Structural Implications:** P. Griffiths, P. Ellis, T. Jarratt, F. Alegria, A. Arias
- 10:30 **Structural Modeling and Its Impact on Development of the Piedmonte Area, Eastern Cordillera Fold and Thrust Belt, Colombia:** D. Richards, C. Ceballos
- 10:50 **Quantitative Structural Analysis of Newly Acquired Data From Mexican Ridges Fold Belt, Western Gulf of Mexico:** N. Eichelberger, A. Nunns, C. O'Reilly, R. Dirks, I. Yarbuh, D. Bate
- 11:10 **Late Cretaceous Inversion of the Polish Basin and How It Influenced Its Petroleum System:** P. Krzywiec
- 11:30 **Episodic Deformation Rates Recovered From Growth Strata, Pyrenees:** D. Anastasio, K. Kodama, J. Parés

### Theme 1: Siliciclastics: Contributions From Numerical and Physical Models: From Fluvial to Deepwater (SEPM)

Room 361

Co-Chairs: A. Cantelli, D. Hoyal and Z. Sylvester

- 8:00 **Introductory Remarks**
- 8:05 **Fluvial Channel Belt Reservoir Heterogeneity and Connectivity:** B. J. Willis, R. Sech
- 8:25 **Modeling Deltaic Stratigraphy Through Superposition of Discrete Networks:** D. Cazanacli, A. Cantelli, N. C. Howes, M. Wolinsky, C. Paola
- 8:45 **Quantifying Natural Delta Variability Using a Multiple-Point Geostatistics Prior Uncertainty Model: Bridging the Gap Between Quantitative Surface Dynamics and Machine Learning:** A. M. Fernandes, C. Scheidt, C. Paola, J. Caers
- 9:05 **The Influence of Clay Type and Grain Size on the Bedload Deposition of Muds - An Experimental Perspective:** J. Schieber
- 9:25 **Refreshment Break**
- 10:10 **Does Organic Matter Have an Unacknowledged Influence on the Dynamics and Deposits of Fine-Grained Submarine Sediment Gravity Flows?:** M. Craig, J. Baas, A. Manning, K. Amos, L. Strachan
- 10:30 **The Role of Buoyancy Reversal in Turbidite Deposition and Submarine Fan Morphology: Examples From Flume Experiments, Quaternary Deposits and the Ancient Rock Record:** E. Steel, A. R. Simms, J. Buttles, J. Warrick, D. Mohrig, Y. Yokoyama, R. Steel
- 10:50 **Upslope Turbidite Stratigraphic Traps: Understanding Pinchout Development:** L. Amy, R. Dorrell, H. Nelson, W. D. McCaffrey
- 11:10 **Ripples and Levees – A Match Made in Sedimentological Heaven:** B. Arnott, M. Tilston



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## Technical Program Monday

\* denotes presenter other than first author

11:30 **Spatial Variability in the Velocity and Density Structure of Unconfined Turbidity Currents and the Implications for Reservoir Quality of Submarine Lobe Deposits:** M. Tilston, J. Eggenhuisen, M. Cartigny, F. Pohl, Y. Spychala

### Theme 9: Geophysics: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)

Room 360

Co-Chairs: H. Bui and J. Davis

8:00 **Introductory Remarks**

8:05 **Seismic Characterization of Stratigraphic Architecture: Outcrop- and Well-Based Three-Dimensional Forward Seismic Modeling of Permian San Andres-Grayburg Strata:** Y. He, C. Kerans, H. Zeng, X. Janson, S. Z. Scott

8:25 **Reservoir Delineation in Fluvial Architecture via Post-Stack Seismic Attributes:** R. Swindeman, S. Misra, R. Orumwense, C. Xu, N. Sabaou, J. Florez

8:45 **Improving the Compartmentalization Definition of Prospective Areas in the Paleo-Flattened Space – An Eagle Ford Case Study:** I. Platonova, B. deRibet, D. Dopkin

9:05 **Unsupervised Seismic Facies Classifications of the Lower Strawn Fm. Bend Arch-Fort Worth Basin, Texas:** D. Prado-Barros, R. Slatt, K. J. Marfurt

9:25 **Refreshment Break**

10:10 **A Comparison of Popular Neural Network Facies Classification Schemes:** C. P. Ross, D. M. Cole

10:30 **Seismic Attributes for Reservoir Characterization in Deepwater Settings - Offshore Colombia (Guajira Basin):** C. A. Rubio, A. M. Goodliffe, J. C. Llinas, V. O. Ramirez

10:50 **Seismic Characterization of the Pre-Salt Rifted Section of the Lagoa Feia Group, Campos Basin, Offshore Brazil:** D. Iacopini, R. Alvarenga, J. Kuchle, K. Goldberg, B. Kneller

11:10 **A Royal Flush in the Great Campos (Brazil's Santos-Campos) Basin:** C. F. Schiefelbein, W. Dickson

11:30 **Taking Advantage of RTM Surface Offset Gathers for Iterative Salt Modeling and Subsalt Reservoir Image Enhancement:** H. Baudon, E. Maocec, C. Gerea

### Theme 8: Emerging Frontiers: Emerging Basins (AAPG)

Room 351

Co-Chairs: B. David and R. Fitzsimmons

8:00 **Introductory Remarks**

8:05 **The Falkland Islands, an Emerging Petroleum Province:** D. J. McCarthy, T. J. Dodd

8:25 **Evidence for a Jurassic Source Rock in the Guiana-Suriname Basin:** C. P. Griffith

8:45 **3-D Seismic Interpretation and Geologic Evolution of an Intraslope Basin, Talara Basin, Deepwater Peru:** J. J. Fredricks, P. Weimer, S. P. Cossey, G. Fernandez, E. Rossello, R. Bouroullec, G. Dorn, G. Pech

9:05 **Giant Gas Fields Offshore Tanzania, Braided Deep Water System Within Extremely Sandy Turbidite Systems:** S. Henriksen, F. Chuhan, H. Goldstein Seiertun, S. Solymar (Presented by A. Pontén)

9:25 **Refreshment Break**

10:10 **De-Risking One of the Final Passive Margin Hydrocarbon Basins: Insights Into the Evolution and Play Potential of Offshore Somalia:** D. Paton, R. Stanca, H. Kearns, N. Hodgson, A. Abiikar Hussein

10:30 **Where Should We Drill in the Deep Waters of the Pelotas Basin, Southern Brazil and Uruguay?:** P. V. Zalán

10:50 **New Oil in an Old Place – Geologic Framework of a Giant Oil Discovery in Arctic Alaska:** D. W. Houseknecht

11:10 **Elephants? In the U.S. Atlantic?:** P. J. Post

11:30 **Seismic Tectono-Stratigraphy Modeling of Deep Marine Oligo-Miocene Siliciclastic Reservoirs in Levant-Cyprus Basin Frontier Zone:** M. Bédir

### Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling (AAPG)

Room 342

Co-Chairs: A. Bennett and D. Curry

8:00 **Introductory Remarks**

8:05 **Source to Seep - A Novel Calibration Domain Concept for Petroleum Systems Models:** M. C. Daszinnies, J. Knies, A. Plaza Faverola, Ø. Sylta

8:25 **Advanced Geochemical Technologies Extend Petroleum Systems to Include Previously Missed Sources Revealing New Exploration Plays:** J. M. Moldowan, J. Dahl

8:45 **Geochemical (Rock Eval,  $\delta^{13}C$  and Pyrolysis GC) and Textural Characterization of Amorphous Organic Matter (AOM) in Carboniferous Mudstones From the Pennine Basin (United Kingdom):** J. A. Hennissen, E. Hough, C. H. Vane, P. R. Wilby, M. H. Stephenson

9:05 **The Effect of Oil Based Drilling Mud (OBM) on the Assessment of Hydrocarbon Charge Potential: Are We Underestimating Source Rock Potential?:** N. D. Rodriguez, B. J. Katz

9:25 **Refreshment Break**

10:10 **Fluid Inclusion Isotope Analysis of Vein Cements as a Tool to Reconstruct Basin-Scale Fluid Circulation:** S. De Graaf, J. Reijmer, G. Bertotti, F. Bezerra, V. Lüders, H. Vonhof

10:30 **Integrated Geological and Geochemical Constraints for Petroleum Fluid Charge Models in the Circum-Manjiaer Region, Tarim Basin, Northwest China:** M. Li, G. Tao, T. Cao, P. Liu, Q. Jiang, Z. Zhang

10:50 **A New Look at Inverting Subsidence to Heat Flow in Rift-Related Basins – Deconvolution of Processes and Phases:** D. B. Palmowski, T. Fuchs, T. Hantschel

11:10 **Thermal Cracking of Oil Under Water Pressure Up to 900 Bar at High Thermal Maturities: Implication for Oil Stability in Deep Basin:** L. Xie, Y. Sun, C. Uguna, C. Snape, S. Lu

11:30 **Modified Athy-Law Compaction to Account for Porosity Generation and Preservation From Kerogen Conversion in Terzaghi-Like Models of Petroleum Source Rocks:** M. Cremon, A. K. Burnham\*, Y. Liu, A. Lapene

## Monday Morning Poster Sessions

### AAPG Student Research Posters

Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.

Co-Chairs: A. Janevski and A. Sullivan

- 1A **A Proposed Microfossil Reliability Index and a Test Using Mid-Cretaceous Calcareous Nannofossil Data:** S. Chin, D. K. Watkins
- 1B **Effects of Convergent, Radial-Gliding “Corner” Geometry on Petroleum Charge, Port Isabel Passive-Margin Foldbelt, Northwestern Gulf of Mexico:** M. Bugti, P. Mann
- 1C **Geochemical and Isotope Data Aided Remote Sensing Interpretations of Surficial Mineralogical Heterogeneities as Possible Late Diagenetic Indicators of Microseepage in Garza, Texas:** U. Okyay, S. D. Khan
- 1D **Influence of Pre-Existing Weakness on Normal Fault Growth: Implications From Discrete Element Modeling:** C. Deng, R. Gawthorpe, H. Fossen, E. Finch\*
- 1E **Pressure Prediction in a Complex Setting Based on Field Data and Geomechanical Modeling: Mad Dog Field, Gulf of Mexico:** L. P. Lockhart, P. B. Flemings, M. Nikolinaou, M. Heidari
- 1F **Linking Shallow-Marine Process Regime and Slope/Basin Architecture Within the Barrow Group (Northern Carnarvon Basin, Australia): Insights From Quantitative 3-D Seismic Geomorphology:** V. Paumard, J. Bourget, T. Payenberg, B. Ainsworth, S. Lang, H. W. Posamentier, A. George

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## Technical Program Monday

\* denotes presenter other than first author

- 2A Holistic Evaluation of Basal Stress Evolution in Sinuous Submarine Channel Levee Systems: Towards Process-Based Forward Stratigraphic Modeling:** R. W. Kelly, R. Dorrell, A. D. Burns, W. D. McCaffrey
- 2B Assessing Novel Chemostratigraphic Correlation Tools in Carbonate Reservoir Rocks: A Mississippian Limestone Case Study:** J. Steinmann, N. Riedinger, B. Brunner, G. Grammer
- 2C Quantification and 3-D Modeling of Architectural Variability and Controls in a Permian Carbonate Ramp, Last Chance Canyon, New Mexico:** P. Tesch, M. C. Pope, B. Reece
- 2D New Insights Into Falling-Stage Delta Complexes Using Virtual Outcrop Analysis: Three-Dimensional Data From the Turonian Ferron Sandstone of Southern Utah:** C. J. Horton, C. R. Fielding
- 2E Similarities and Differences Between the Late Cretaceous Fan Complex and the Overlying Neogene Amazon Cone in the Foz do Amazonas Basin, Northern Brazil – Implications for Future Hydrocarbon Exploration:** L. Torrado, P. Mann
- 2F Detailed Characterization of a Complete, New Woodford Shale Section in the Ardmore Basin of Oklahoma: The Case for a New Type Section?:** H. A. Galvis-Portilla, D. M. Becerra-Rondon, R. Slatt
- 3A Applications of Structure-From-Motion Photogrammetry for Interpreting Inclined Heterolithic Strata of the Lower Cretaceous McMurray Formation, Steepbank River, Northeast Alberta, Canada:** D. Hayes, M. Gingras, M. Ranger
- 3B Spatial Scaling of Normal Faults, A-Bomb Canyon, Buckskin Mountains, Arizona:** T. H. Hundley, R. Marrett
- 3C Lithofacies, Diagenesis and Reservoir Quality Evaluation of Wolfcamp Unconventional Succession in the Midland Basin, West Texas:** H. Zhang, Q. Fu, X. Janson, L. Liu, Z. Wang, M. Yang
- 4F Mudstone Depositional Processes of the Cretaceous Colorado Group Shale, West-Central Alberta, Canada:** E. Percy, P. K. Pedersen
- 5A Predicting Facies Distribution Within a Fluvial System in the Subsurface: Triassic of the Central North Sea:** E. Gray, A. Hartley, J. Howell
- 5B Detailed Reservoir Characterization by Integrating Core, 3-D CT Scan and Borehole Imaging Datasets:** A. Neal, M. Cyprych, B. Serrano-Suarez
- 5C Seismic, Borehole Image Log, Core and Chemostratigraphic Interpretations of the Permo-Carboniferous Unayzah Formation, Central Saudi Arabia: An Integrated Technique for Siliciclastic Reservoir Correlation:** S. Haq, N. Craigie, M. Khalid A, Y. Hu, M. Souza
- 5D Utilising Stratigraphic Driven Approaches and Simulations to Build Robust 3-D Geologic Models for Miocene Reservoirs, “Josh” Field, Niger Delta:** T. J. Afuye, O. Osaele, O. Ojo
- 5E Predicting 3-D Connectivity From Core and Seismic: An Example From Outcropping Deep-Water Slope Channels:** L. Stright, A. Jackson, S. J. Southern, C. Meirovitz, B. Romans, S. Hubbard
- 5F Using RMS Amplitudes Derived From Synthetic Forward Seismic Models of Channelized Deep-Water Slope Deposits to Inform Stratigraphic Interpretation, Tres Pasos Formation, Magallanes Basin, Chile:** A. Nielson, L. Stright, S. Hubbard, B. Romans

### Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.*

*Co-Chairs: F. Laugier and T. Sun*

- 3D Quantifying Reservoir Complexity in a Tight Oil Play by Integrating Detailed Facies Analysis With Stratigraphic Architecture Analysis From a Digital Outcrop Model:** N. M. La Fontaine, M. H. Hofmann
- 3E GTMORA: A GIS Toolset for Geometric and Topological Analysis of Sandbody and Fracture Networks From Modern and Outcrop Reservoir Analogs:** B. Nyberg, C. Nixon, C. H. Eide
- 3F Quantitative Outcrop Characterization of Incised Valley Fill Combining UAV-Based Photogrammetry and Traditional Geologic Field Methods:** C. Meirovitz, L. Stright, C. Johnson
- 4A Multi-Scale Analysis of Fluvial Architecture and Facies of the Burro Canyon-Dakota Formations Using UAV-Based Outcrop Photogrammetry and Modeling – Implications for Reservoir Performance, Escalante Canyon, Piceance Basin, Colorado:** S. A. Obermeier, M. J. Pranter, Z. A. Reza, R. Cole
- 4B Pore Fabric Characterization in Sandstones Using Magnetic Anisotropy Methods:** J. Parés, D. Anastasio, L. Miguens, C. Saiz
- 4C Triassic Palynology of the Central North Sea: Correlation and Environmental Reconstruction of a Fluvial System:** R. D. Burgess
- 4D Process Ichnology of the Anisian Wedge, Montney Formation: Size-Diversity Trends and Feeding-Strategy Distributions of Ichnofossils Within a Post-Extinction Environment:** C. M. Furlong, M. Gingras, J. Zonneveld
- 4E Understanding the Pennsylvanian Age Granite Wash Play Fairway Through Log and Core Data: Anadarko Basin, Oklahoma and Texas, USA:** J. Koch, T. P. Bulling\*, K. Whitaker, S. Maloney, K. Koepke
- 6A Predictive Models for Basin Scale Alluvial Architecture: Paleocene-Eocene Bighorn Basin, Wyoming:** A. Owen, A. Hartley, A. Ebinghaus, M. Santos, G. Weissmann
- 6B Incised Valley Fill Reservoirs, From Outcrop Analogue to Subsurface Interpretations (Upper Carboniferous, Kentucky, USA):** A. Le Cottonnec, D. Ventra, A. Moscariello, F. Lafont, E. Braccini
- 6C Cyclicity, Dune Migration and Wind Velocity in Lower Permian Eolian Strata, Manitou Springs, Colorado:** J. D. Pike, D. E. Sweet
- 6D Along-Strike Architectural and Sedimentologic Variation of a Distributive Fluvial System, Cretaceous Straight Cliffs Formation, Utah:** A. R. Koch, C. Johnson, L. Stright
- 6E Global River Discharge Analyses: Impact of Variable Precipitation in the Context of Different Climate Zones:** M. Hansford, P. Plink-Bjorklund, E. Jones
- 6F Documenting an Ancient Large Fluvial Fan System: A Comparison to Modern Examples and Current Facies Models:** E. Jones, P. Plink-Bjorklund
- 7A Prediction of Fluvial Point-Bar Form, Internal Architecture and Heterogeneity From Outcrop and Morphometric Analysis of Meander Bends:** C. E. Russell, N. P. Mountney, D. Hodgson, L. Colombera, R. Thomas, G. Nichols
- 7B Facies Variability and Stratal Architecture of a Large-Scale Mississippi River Point Bar, False River, Louisiana:** E. D. Olson, P. D. Clift, J. M. Lorenzo, A. Lechnowskyj, E. Buhyoff, D. Babin, A. Barbato
- 7C Shallow Seismic Reflection Images of Modern Point Bar Deposits, False River, Louisiana:** J. M. Lorenzo, P. D. Clift, M. Morrison, E. Olson, N. Benton, A. Gostic, B. Odom
- 7D Whither the PETM? Testing Predictive Models for Climatically-Triggered Fluvial Sheet Sand Progradation in a Rapidly Subsiding Basin:** A. F. Wroblewski, B. Gulas-Wroblewski
- 7E The Potential of Fluvial Crevasse Splays as (Secondary) Reservoirs:** K. A. van Tooreneburg, M. E. Donselaar, G. Weltje
- 7F Facies Associations of Humid Terminal Splays in the Distal DFS Model and Implications for Reservoir Connectivity: A Case Study of the Raton Formation:** R. J. Horner, G. McGregor, J. Holbrook

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## Technical Program Monday

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**8A Humid Terminal Splays as Sand-Sheet Reservoirs: A First Look at the Modern, Andean Foreland and a New Look at the Ancient, Raton Basin:** G. McGregor, R. J. Horner, J. Holbrook

### Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.*

*Co-Chairs: M. Vallikkat Thachparambil and J. Zong*

**8B Integration of Surface Seismic, Microseismic and Production Logs to Characterize Lacustrine Shale Plays in Upper Triassic Yanchang Formation, Ordos Basin, China:** X. Wang, W. Wang\*, H. Zeng, L. Zhang, Q. Liang, C. Jiang, Q. Zhao

**8C Investigation of Time-Lapse 4-D Seismic Attributes Across Discrete Frequencies to Monitor CO<sub>2</sub>-EOR in a Thin Carbonate Reservoir:** A. W. Krehel, A. Raef, R. Miller, M. Totten

**8D Repeatability Evaluation of the Time-Lapse Technology Using Ultra-Stable Seismic Source:** J. Kasahara, K. Al Damegh, G. Al-Anezi, Y. Hasada, K. Murase, A. Kamimura, O. Fujimoto, H. Ohnuma

**8E Comprehensive Analysis the Casing Deformation in Shale Gas Reservoir Modification by Seismic and Microseismic Technology:** S. He, B. Zeng, G. Xu, X. Wan, T. Liu, W. Liu, C. Zhang, F. Heng

**8F Developing a Rock Physics Template for Improved Seismic Mapping of New Zealand Coaly Source Rocks:** S. W. Brennan, L. Adam, L. J. Strachan, R. Sykes, D. Mohnhoff

**9A Petrophysical Signatures of Fluid Injection in Mudstones and Shales:** H. Vora, B. Dugan

**9B Prediction of Lithologies and Reservoir Quality Using Well Logs in Wolfbone Play in the Delaware Basin, West Texas:** Z. Wang, H. Zhang, M. Pan, Y. Shi, Y. Dong

**9C Analysis of Brittleness in Mudstone Caprock Using Conventional Well Logs: A Case Study From Northern Margin of Qaidam Basin:** Y. Gong, W. Hua, Y. Detian, Z. Shiyu

**9D Modeling Elastic Properties Changes and Overpressure Generation Due to Smectite to Illite Transformation in the Thunder Horse Mini-Basin, Mississippi Canyon, Gulf of Mexico:** W. H. AlKawai, T. Mukerji, S. Graham, A. H. Scheirer

**9E A New Method for Predicting Pore Pressure in Shale Gas Reservoir:** C. Xu, J. Sun, X. Dong, J. Chen

**9F Rock Quality Prediction Using Crossplots and Seismic Lithology Inversion: An Example of XIN Field, Eastern Niger Delta Basin:** C. G. Okeugo, K. M. Onuoha\*, A. C. Ekwe, C. P. Dim

**10A Geologically Driven Joint Inversion of Gravity, Seismic and Well Data: A Step Forward in Understanding of Geological Structure and Reducing E&P Risks:** O. Petrovskyy, T. Fedchenko

**10B Mapping of Basement Through Magnetic Depth Estimation Along Regional Lines, Southeastern Mexico:** E. E. Barrios, A. Tamez, M. A. Imaz

### Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.*

*Co-Chairs: S. Paulson and T. Searcy*

**10C Re-Evaluation of Organic Matter Deposition of Central Atlantic Black Shales:** L. Gao, N. D. Rodriguez, B. J. Katz

**10D Evaluation of High Quality Source Rocks in Saline Environment of Continental Rift Basin: A Case Study in Laizhouwan Depression, Offshore Bohai Bay Basin, China:** H. Cui, C. Xu, Q. Wang, F. Wang, H. Lu

**10E Middle Triassic Source Potential and Lateral Variation in Organic Facies, Southwestern Barents Sea and Svalbard:** T. Abay, D. A. Karlsen, J. H. Pedersen, S. Olausen

**10F Environmental Conditions of Deposition, Origin and Relative Maturity of Organic Matter in Uppermost Barremian - Lowest Aptian Limestones of the Eastern Prada Quarry Section, Organyà Basin, South-Central Pyrenees, Spain:** J. Llaguno, F. J. Maurrasse

**11A Kerogen Kinetics of the Red River Formation, Williston Basin, North Dakota:** K. J. Peterson, S. Wheeling, S. Nordeng

**11B Confined Pyrolysis Study on Hydrocarbon Generation Kinetics, Residual Solid and Hydrocarbon Yield of Lacustrine Shale Source Rocks in Bozhong Depression, Offshore Bohai Bay Basin, China:** J. Wang, L. Tian, C. Xu, X. Du, Q. Wang

**11C Geochemistry, Origin and Accumulation of Petroleum in the Eocene Wenchang Formation Reservoirs in Pearl River Mouth Basin, South China Sea: A Case Study of HZ25-7 Oil Field:** J. Peng, X. Pang, X. Ma, H. Shi

**11D Characteristics and Origin of Crude Oils in Dawanqi Oilfield, Kuqa Depression of Northwest China:** H. Ji, G. Huang, S. Li, X. Chen

**11E Geochemical Characterization, Depositional Environment and Controlling Factors of  $\beta$ -Carotene—A Case Study of Jimsar Depression, Junggar Basin of China:** X. Ding, M. Zha, Y. Su, C. Gao, J. Qu, R. Lai

**11F The Geochemical Characteristics of the Eocene Oils From the Rolling Anticline Belt of Chaheji in Baxian Sag, Bohai Bay Basin and Their Origins Analysis:** X. Chen, H. Zou

**12A Geochemistry and Organic Petrography of Aptian-Albian Source Rocks in the Araripe Basin, Northeastern Brazil:** K. Goldberg, J. O. Menezes, M. B. Gonzalez

**12B Acritarchs in the Silurian Qusaiba Shale and Related Biomarkers: Implication for Identifying Paleozoic Hydrocarbon Charge:** I. Al Atwah, D. Jacobi

**12C The Origin of Heavy Oil in Sanhecut Oilfield, Jiyang Depression, East China:** C. Gao, Y. Li, M. Zha\*, J. Qu, X. Ding

### Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.*

*Co-Chairs: J. Little and Y. Song*

**12D The Origin of Shallow Gas in Dongying Depression, Bohai Bay Basin, East China: Implication for Shallow Petroleum Exploration:** Y. Li, M. Zha, C. Gao, J. Qu, X. Ding

**12E The Impacts of Trap-to-Kitchen Axial Orientation and Natural Gas Sweeping on Migration Efficiency: A Multi-Field Case Study From the West of Shetlands (United Kingdom):** M. Everett, A. M. Fordham

**12F A Comprehensive Geochemical Studies by Using Pyrolysis Analysis and Migration Pathway Map on Evaluating Source Rock Potential in Talang Akar Formation, Jambi Sub-Basin, South Sumatra:** I. H. Faruqi, R. Amir, M. Nashir, W. B. Raharjo

**13A Hydrocarbon Migration and Accumulation of the Suqiao Buried-Hill Zone in Wen'an Slope, Jizhong Subbasin, Bohai Bay Basin:** N. Liu, N. Qiu, J. Chang, F. Shen, X. Ma, T. Jin, Q. Feng

**13B Influence of High-Variable Geothermal Background on Hydrocarbon Generation and Expulsion: A Case Study in Baiyun Sag of Pearl River Mouth Basin, Deepwater Northern South China Sea:** X. Xu, S. Xu, W. Shi, L. Chen

**13C Pressure Evolution in Buried-Hill Reservoirs of Wen'an Slope, Jizhong Subbasin, Bohai Bay Basin:** F. Shen, N. Qiu, J. Chang, N. Liu, X. Ma, D. Xiong



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Monday, April 3: 9:30a, 12:30p, 2:45p  
Tuesday, April 4: 9:30a, 12:30p, 2:45p  
Wednesday, April 5: 9:30a

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## Technical Program Monday

\* denotes presenter other than first author

- 13D Overpressures and Their Significance in Offshore Bohai Bay Basin, China:** X. Wang, S. J. Jones, S. He, Q. Liu, C. Cheng
- 13E Exceptional Hydrocarbon Source Rock of the Conventional (Albian) Kharita Formation Reservoir in Matruh Basin, Northern Western Desert of Egypt:** S. S. Tahoun, A. Deaf, T. Gentzis, H. Carvajal
- 13F Thermal Evolution and Maturation of Sinian and Cambrian Source Rocks in the Central Area of Sichuan Basin, Southwest China:** Q. Xu, N. Qiu, W. Liu
- 14A The Effect of Redox Conditions on Carbon Isotopes of Hydrocarbons During Hydrous Pyrolysis:** Q. Fu, X. Chen, C. Chang, W. Hu, Q. Liu, Q. Meng
- 14B Geochemical Evidence of a Large Shift in Redox Conditions and Long Term-Deep Burial Oxidation by Radiolysis Associated with Elevated Organic-Matter Content and Gamma-Ray Intensity in the Paleozoic New Albany Shale, USA:** M. A. Alrowaie, M. A. Haluska, L. M. Pratt
- 14C South Caribbean Petroleum Systems: An Updated Overview:** D. S. Sanabria, V. O. Ramirez\*
- 14D Surface Geochemical Exploration After 100 Years: Lessons Learned and What More Must Be Done:** D. Schumacher
- 14E Nature and Origin of Dry Natural Gas in the Middle Indus Basin, Pakistan:** A. S. Kornacki, N. Ahmad, S. Sharif
- Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)**  
*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.*  
*Co-Chairs: W. Zhao and F. Zhu*
- 14F Formation Pressure Correction to Enhance the Prediction of the OWC in a Normal Pressure Reservoir:** Q. Geng, S. Yanchun, J. Zhang, Z. Zhang, J. Zhen, X. Liu
- 15A Sand Bodies Connectivity Analysis Utilizing Measured Pore Pressure in Normal Pressure, Offshore Bohai Bay Basin, China:** Q. Geng, C. Xu, C. Niu, B. Yang, H. Yang, J. Zhen
- 15B Harnessing Lightning in the Hunt for Hydrocarbons:** L. J. Berent, H. R. Nelson
- 15C The Use of Iodine Surface Geochemistry Integrated With Seismic and Subsurface Geology to Find Conventional Reservoirs in the Mid-Continent USA:** S. A. Tedesco
- 15D Impact of Pore Pressure Estimation Uncertainty on Well Design and Execution: An Example From Deepwater West Africa:** R. Sarker, M. Kumar, B. A. Couzens-Schultz, R. Staples, P. Nair, A. Purkayastha, F. Strijbos
- 15E Understanding Uncertainty in Pore Pressure Prediction:** S. O'Connor, A. Edwards, S. Green, E. Hoskin, J. Heller, G. Markham, A. Ellis, T. Sheehy\*
- 15F Characteristics of Overpressure Units in a Fault-Block Oilfield with Lacustrine Dolomite Reservoirs in Tanggu Area, Bohaiwan Basin:** G. Yao, L. Li, Y. Yao
- 16A Genesis and Hierarchy Analysis of Mud-Rich Units Within Braided Fluvial Reservoir: A Case Study From the Orinoco Heavy Oil Belt, Venezuela:** S. Chen, C. Lin, C. Dong, L. Ren, J. Li
- 16B Exploration Research to Evaluation – A New Way of Working:** S. Meynard, K. Lukats
- 16C Geological Challenges in the Development of a Colombian Waterflood Using Horizontal Wells:** A. R. Mora, C. Rodriguez, J. Pinilla, E. Quiroga, M. Cardozo
- 16D Drilling a Downdip Location: Effect on Updip and Downdip Resource Estimates and Commercial Chance:** M. Schneider, D. M. Cook
- 16E Hyperspectral Imaging Technology Development and Application; Implications for Thin-Bedded Reservoir Characterization:** T. Kosanke, S. E. Perry, R. Lopez
- 16F The Application of Geo-Microbial Hydrocarbon Detection and “4G” Comprehensive Research of Progressive Exploration in the Gudong Area, Shengli Oilfield:** R. Xu, C. Guan, Y. Zhang, H. Mei, D. Hitzman
- Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)**  
*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.*  
*Chair: H. Cander*
- 17A Fracture Characterization and Prediction in Unconventional Carbonate Reservoirs of the “Mississippian Limestone,” North-Central Oklahoma, USA:** Y. Wang, T. Thompson, G. Grammer
- 17B The Light and Dark Side of Eagle Ford Shale Oil: Extrapolating Data Rich Wells to a Field Scale Model:** C. Miller, E. Rylander, M. Koley, D. Paddock
- 17C Linking Sequence Stratigraphy and Rock Mechanics for the Unconventional Permian Tight Oil Play in the Delaware Basin: A Hierarchical Tool for Predicting Fracture Barriers and Stimulation Zones:** S. J. Prochnow
- 17D Assessment of Undiscovered Continuous Oil Resources in the Wolfcamp Shale of the Midland Basin, West Texas:** S. Gaswirth
- 17E Detecting and Quantifying Kerogen, Bitumen and Organic Porosity From SEM Images:** J. Walls, A. Grader, T. Hintzman
- 17F Comprehensive Unconventional Reservoir Characterization of the Woodford Shale in Parts of Garfield and Kingfisher Counties, Oklahoma:** J. Zhang, R. Slatt
- 18A 3-D Petrogeological Modeling of the Bakken Tight Oil Play, Southeastern Saskatchewan, Canada: Adoption of Conventional Workflows to Unconventional Reservoirs:** S. C. Iwuoha, P. K. Pedersen
- 18B Hiatuses in the Eagle Ford Unconventional Resource Play, Recognizing Them and Determining How They Form:** M. C. Pope, A. D. Donovan, M. Tice, R. A. Conte, M. P. Wehner, E. Peavey, T. Staerker
- 18C Assessing Controls of the Woodford Shale Rock Strength at the Bed Scale, Ardmore Basin, Oklahoma:** D. M. Becerra-Rondon, H. A. Galvis-Portilla, R. Slatt
- 18D Geochemistry and Mineralogy of the Eocene Green River Formation Petroleum System, Uinta Basin, Utah:** J. E. Birdwell, M. D. Vanden Berg, R. C. Johnson
- 18E Facies Characterization of the Wolfcamp B and Lower Spraberry Intervals in the Midland Basin: Implications for Reservoir Quality and Distribution:** R. D. Wilson, J. D. Chitale, P. Montgomery
- 18F Proposed Stratigraphic Correlation Framework, Wolfcamp, Delaware Basin, West Texas:** M. L. Van Der Loop
- 19A Identification of Potential Sweet-Spots by Integrated Analysis of Core Samples and Conventional Wireline Logs in the Barnett Shale Play:** N. Gupta, S. Kiv, S. Verma, D. Devegowda
- 19B 3-D Multi-Scale Lithofacies Models of the Upper and Lower Bakken Shale Members of the Williston Basin in North Dakota, USA:** S. Bhattacharya, T. Carr
- 19C Connectivity of the Oriskany Sandstone with the Marcellus Shale; Effects on Shale Gas Operations in North Central Pennsylvania:** E. V. Glick, A. Doubs, D. Bain
- 19D Heterogeneous Physical and Mechanical Properties Relative to Composition, Porosity and Diagenesis in Siliceous Mudstones of the Upper Monterey Formation, Belridge Oilfield, San Joaquin Basin, California:** R. M. Weller, R. J. Behl

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## Technical Program Monday

\* denotes presenter other than first author

### Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)

Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.

Chair: D. Hall

- 19E Raman Spectroscopy of Organic Material in Shales: Identifying Suitable Laser Wavelength for Raman Spectra Excitation, Relationship to Thermal Maturity, Mechanical Properties, and Organic Matter Type Interpreted From SEM Images: Z. Liu, M. Myers, L. Hathon
- 19F Softening of Organic Matter in Shales During Heating Measured With Atomic Force Microscopy: S. Emmanuel, M. Elyahu, R. Day-Stirrat, R. Hofmann, C. Macaulay
- 20A Depositional, Mineralogical and Maturity Controls on Pore Types, Size and Distribution in Mudstones: L. T. Ko, S. C. Ruppel, R. G. Loucks, T. Zhang, P. Hackley, D. Shao
- 20B Energy Storage Fracturing Based on Slick-Water System in Tight Oil Reservoirs: Y. Hu, Z. Chen, K. Chen, W. Liu\*
- 20C A Petrophysical Model to Distinguish Water-Wet and Oil-Wet Fractions of Unconventional Reservoir Systems Using Triple-Combo Log Suites: M. Holmes, A. M. Holmes, D. I. Holmes
- 20D How Does the Pore-Throat Size Control the Reservoir Quality and Oiliness of Tight Sandstones?: K. Xi, Y. Cao, J. Jahren
- 20E Variation in Particle Size on the Determination of Permeability in Crushed Shale Samples: M. Achang
- 20F Numerical Modeling of Adsorption and Roughness Effects on Gas Transport in Shale Using the Lattice Boltzmann Method: Y. Zeng
- 21A Isotopic Biogeochemistry of Lipids and Organic Matter in Deep Subsurface Sediments of the Marcellus Shale: R. Akondi, S. Sharma, R. Trexler, P. Mouser, S. Pfiffner, V. Agrawal, A. Warriar
- 21B Multiple Approaches to Pore Structure Characterization of Self-Sourced Shales: Y. Zhang, T. Barber, Q. Hu
- 21C Can Fecal Pellets in Unconventional Resource Shales Generate Hydrocarbons?: E. J. Torres, R. Slatt, P. Philp, T. Wang, H. L. Rodriguez
- 21D Silica Diagenesis in Mudstones and the Impact on Consolidation and Brittle Deformation: A. Eakin, J. Reece
- 21E Rock Texture Index (RTI): Quantifying the Impact of Rock Texture and Its Mineral Composition: M. Hussain, B. Saad, N. Minhas, Z. Aleid, A. J. Nair
- 21F Electrical and Acoustic Properties Evaluation of Reconsolidated Mudrocks as a Function of Organic Matter Content: C. P. Palencia, L. Hathon, M. Myers

### Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)

Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.

Co-Chairs: D. Ferrill and W. Sassi

- 22A Evolution of Syn-Rift Crustal Architecture in Foz do Amazonas Basin, North Brazil: D. Paul, S. Lepley, B. David
- 22B Seismic Geomorphology of Cretaceous Megaslides Offshore Namibia (Orange Basin): Insights Into Segmentation and Degradation of Gravity-Driven Linked Systems: N. Scarselli, K. McClay, C. Elders
- 22C The Effect of Polygonal Faults on Petroleum Systems and Reservoir Quality – The Case Study of the Eastern Mediterranean Levant Basin: R. Ghalayini, C. Eid, C. Khairallah
- 22D Late Cretaceous Magmatism and Source-to-Sink Configuration in the Northwestern Gulf of Mexico: J. Dickinson, M. A. Murphy, N. Dowla, L. Yidou
- 22E New Insights Into the Structure and Tectonic Provenance of the Chukchi Borderland Terrane: Implications for Arctic Reconstructions: A. Walker
- 22F Post-Breakup Magmatism in the Northern and Western Gulf of Mexico: Y. A. Liu, M. A. Murphy, J. E. Snow, J. van Wijk, J. M. Cannon

- 23A Migrating Twin Left-Lateral Faults System Along the North Caribbean Boundary – Implications on Geodynamics Around the Haiti-Cuba Boundary: N. Ellouz, Y. Hamon, R. Deschamps, A. Battani, R. Momplaisir, D. Boisson, C. Prepetit
- 23B South Kwanza Basin (Offshore Angola) as a Major Cornerstone of West African Margin: M. Denis, J. Kluska
- 23C Mesoscale Extensional and Contractual Structures in the Rough Creek Graben, Midcontinent Rift, Central United States: An Integrated DEM Analysis, 3-D Structural Modeling and Field-Based Approach: N. D. Gani, E. Crowe
- 23D A New Type of Flower Structures in a Divergent-Wrench Fault Zone, Tan-Lu Fault Zone, East China: L. Huang, C. Liu
- 23E The Roles of Magmatism and Loading in the Formation of Seaward Dipping Reflectors: Insights From Abandoned Volcanic Segments: J. R. Norcliffe, D. Paton, A. McCaig, E. Mortimer, K. Rodriguez, D. van der Spuy
- 23F Tan-Lu Fault Zone and Hydrocarbon Accumulations in Offshore Bohai Bay Basin, Eastern China: Y. Yu, X. Zhou, C. Xu
- 24A Tectono-Stratigraphic Evolution of the Centaur 3-D Survey, Exmouth Plateau, North West Shelf, Australia: S. Gumprecht, K. McClay, N. Scarselli

### Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)

Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.

Co-Chairs: S. Oldfield and J. Solum

- 24B Post-Rift Tectonics in Rifted Margins and Surrounding Domains: M. Gouiza, G. Bertotti, R. Charton, P. A. Andriessen
- 24C Strain Partitioning and Variation in Style of Deformation During Continental Extension, Eastern Baffin Bay, West Greenland: S. Alqahtani, D. Paton, R. Collier
- 24D Quantitative Approach to Extension and Fault Characterization Within the Central and Northern Llanos Basin, Colombia: M. T. Perdomo-Figueroa, D. Young
- 24E Integrating Crustal Architecture and Syn-Rift Plate Kinematics: D. Minguez, E. Johnson, P. J. Lovely
- 25A The Florida-Bahamas Lineament and Gulf of Mexico Opening: To Move or Not to Move?: M. Beaman, J. Koch, S. Paulson, S. Krueger
- 25B Interaction of Crustal Structures and Geodynamics on Passive Margin Evolution: Insights From Manet Ridge, Norway: T. Henry, D. Paton\*, O. Fernandez, B. Klink
- 25C Crustal Architecture of the Argentinian Atlantic Margin: P. Webb, S. Campbell, S. Mazur
- 25D The Controlling Effect of Transfer Zones on Stratal Architectural Variability and Depositional Facies Distribution: E. Liu
- 25E An Enigmatic Transverse Structural Domain of the Northwest Passive Margin of Australia: P. Chen, C. Elders
- 26A Extensional Fault Kinematics and Basin Segmentation in Highly-Extending Terrains: A Case Study From Western Turkey: Z. O. Baran, Y. Dilek
- 26B The Northern Vøring Segment of the Mid-Norway Passive Margin: Crustal Structure and Pre-Breakup Tectonic Evolution: D. Zastrozhnov, L. Gernigon, M. Abdelmalak, S. Planke
- 26C Influence of Fault Separation on the Structural and Geomechanical Characteristics of Paired Crestal Grabens Developed Over an Uplifted Fault Block: H. Lewis, N. Ibeanu, M. Cuthbertson, G. D. Couples\*
- 26D Control of Strike-Slip Derivative Structures on the Hydrocarbon Accumulation in the Bohai Sea, Eastern China: W. Li, J. Zhang, Z. Wu, X. Chen, C. Li



## Technical Program Monday

**26E Comparative Interpretation of Regional Seismic Profiles Offshore Portugal, West Iberian Margin:** R. Fainstein, R. Pena dos Reis, N. Pimentel, B. Rasmussen

**4:25 Are You Leaving Liquids Behind? Diamondoid Analysis to the Rescue!** H. LaReau, J. Dahl

**4:45 Using Produced Oils to Predict Quality of Shale Oil and Gas Petroleum Systems:** J. B. Curtis, J. E. Zumberge, S. W. Brown

### Monday Afternoon Oral Sessions

#### Theme 6: Unconventional: Advances in Unconventional Petroleum Systems and Source Rocks (EMD/AAPG)

##### General Assembly A

*Co-Chairs: I. Arango and H. Cander*

- 1:15 **Introductory Remarks**
- 1:20 **Definition, Modes of Occurrence and Pitfalls in Understanding the Term 'Bitumen' in Conventional and Unconventional Petroleum Systems:** A. Pepper
- 1:40 **Pores Observed in Organic Matter in Mudrocks: A Ten-Year Retrospective:** R. M. Reed, R. G. Loucks, L. T. Ko
- 2:00 **Artificially-Induced Changes to Organic Matter Properties as a Consequence of the Act of Observation:** I. Arango, B. J. Katz
- 2:20 **Multiscale Characterization of Organic Hosted Porosity in Gas Bearing Shales:** M. Andrew, S. Bhattiprolu, C. Huynh, B. Goetze
- 2:40 **Refreshment Break**
- 3:25 **Bridging the 'Gap' to Unconventional Permeabilities: Insights to Unconventional Tight Oil Techniques, Advancements and Understandings:** S. E. Perry, R. Lopez
- 3:45 **HC Migration and Trapping in Unconventional Plays:** Z. He, D. Xia
- 4:05 **Oil Recovery Potential From Organic Nanopores in Source Rocks:** S. Baek, K. Bui, I. Akkutlu

#### Discovery Thinking II

##### General Assembly B

*Co-Chairs: C. Sternbach and P. Weimer*

- 1:15 **Introductory Remarks**
- 1:20 **The Future of Exploration - The Next Decade:** B. Fryklund
- 2:00 **The Petroleum System of the Mauritania-Senegal Basin:** D. McGuinness
- 2:40 **Refreshment Break**
- 3:25 **Opening New Oil Basins: A Pattern of Discoveries:** A. McCoss
- 4:25 **The Greater Gorgon Area, Northwest Australia: Exploration to Production:** M. McLerie, D. Sibley

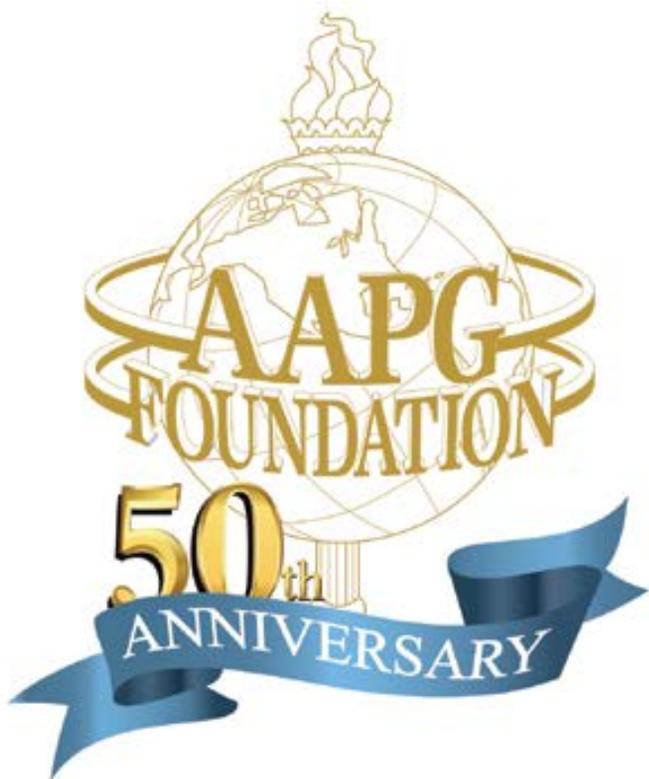
#### Theme 6: Unconventional: New Approaches to Improving Performance of Unconventional Reservoirs (EMD/AAPG)

##### General Assembly C

*Co-Chairs: A. Collie and A. Douds*

- 1:15 **Introductory Remarks**
- 1:20 **High Resolution Azimuthal Diffraction Imaging of Natural Fracture Zones in Unconventional Shales:** A. M. Popovici, I. Sturzu, T. J. Moser
- 1:40 **Integrated Characterization and Multi-Well Flow Simulation of Tight Oil Shale Resources:** J. Florez, J. Gilman, D. Bryant, M. Shahvali, R. Michelena, C. Zahm

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The AAPG Foundation was created in 1967 by AAPG members who wanted to give back to the profession and the science that had given them so much.

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In celebration of AAPG's 100th Anniversary, the Foundation generously provided support for the following events:

- \$300,000 for AAPG's Geolegends documentary.
- \$114,000 for the IBA competitions.
- \$85,000 for the AAPG documentary "Rock Stars: Pioneering Women in Petroleum Geology."
- \$30,000 for the Earth Science Educator Program.

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Stop by the AAPG Foundation booth to pick-up your ribbon in support of the Foundation and discover how you can be part of the Foundation story as we look forward to the next 50 years.

Please visit Booth #103 for more details.

## Technical Program Monday

\* denotes presenter other than first author

- 2:00 **Improving Horizontal Well Placement and Completion Effectiveness in Deltaic Tight Sands - A Case Study in Anadarko Basin:** Y. Chitrala, B. Moon, J. Williams, A. Reyna
- 2:20 **Seeing the Forest for the Trees: A Simplified Workflow for Target Optimization Utilizing Correlation Matrices: An Example From the Bakken Formation:** M. Millard, M. Dighans, S. Fluckiger
- 2:40 **Refreshment Break**
- 3:25 **Automatic Well Log Correlation:** A. Pollack, Y. Peng, K. Wang, M. Shih, K. Tracy, J. Lomask
- 3:45 **Sonic Properties as a Signature of Overpressure in the Marcellus Gas Shale of the Appalachian Basin:** Y. Zhou, S. Nikoosokhan, T. Engelder\*
- 4:05 **Geostatistical Methods for Unconventional Reservoir Uncertainty Assessments:** M. Pycrz, P. Janele, D. Weaver, S. Strebelle
- 4:25 **Performance Prediction and Benchmarking Using FIRM (Forecasting Through Inferred Reservoir Modeling) for Bakken, Wolfcamp and Bone Spring Plays:** A. Dabral, P. Gadde\*

### Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)

Room 370

Co-Chairs: M. Ameen and S. Busetti

- 1:15 **Introductory Remarks**
- 1:20 **Natural Fractures and Their Impact on the Tight Sand Plays of the Ordovician Sarah Formation, Northern Arabia:** M. S. Ameen
- 1:40 **A Monte Carlo Approach to Calculate Stress Orientations and Differential Stress Ratios From Microseismicity Using Elastic Dislocation Modeling:** H. Broichhausen, C. Seiler, E. Macaulay
- 2:00 **Fracture Characteristics of the Wolfcamp Formation, Delaware Basin, Texas:** C. L. Ginn, S. J. Wilkins, X. Liu
- 2:20 **Modeling Laramide Deformation to Predict Fracture Orientations in the Big Sand Draw, Wyoming: Part 2 - Fracture Modeling:** C. Reilly, E. Macaulay, F. R. Marks, C. Seiler, R. Horine, M. Robinson, K. Swartz, J. Borell, L. Cassel

### Theme 4: Structure/Geomechanics: Geomechanics (AAPG)

Room 370

Co-Chairs: M. Ameen and R. Groshong

- 3:20 **Introductory Remarks**
- 3:25 **Playing It Forward – Modeling the Evolution of Deepwater Subsalt Fields on Passive Margins Using 2-D Finite Element Models:** C. D. Walker, D. Roberts, A. Bere, R. J. Thigpen, Z. Snow
- 3:45 **Elastic Properties of Great Bahama Bank From Platform Top to the Toe-of-Slope:** J. Schnyder, G. Eberli, D. McNeill, R. Weger
- 4:05 **Geomechanical Modeling of Pennsylvanian Carbonate Mound Complexes: Early Fracturing Related to Differential Compaction and Evolving Rock Properties:** Y. A. Alzayer, C. Zahm
- 4:25 **Seeing the Big Picture – How to Use Stress Shadowing to Drive Stage Spacing:** J. P. McKenna, M. H. Greal, M. S. Blaz
- 4:45 **Oil-Field Structural Analysis Methods Applied to a Geomechanical Model: What Works:** R. H. Groshong

### Theme 1: Siliciclastics: Innovative Techniques and Workflows (AAPG/SEPM)

Room 361

Co-Chairs: F. Laugier and T. Sun

- 1:15 **Introductory Remarks**
- 1:20 **Effect of Fringe Supercritical Flow on Fluvial Facies, Geometries and Architecture:** P. Plink-Bjorklund

- 1:40 **Spectrum of Fluvial Systems and Depositional History From High-Resolution Study of Seismic Sedimentology (Lithology and Geomorphology), Neogene, SLT Area, Bohai Bay Basin, China:** H. Zeng, X. Zhu, H. Li, X. Zhou, D. Zhou, C. Xu, S. Li, Q. Liu
- 2:00 **Flow Simulations in a Detailed Facies Model of the Outcropping Pont de Montanyana Point Bar Deposits (Ypresian, Southern Pyrenees):** M. H. Murillo Lopez, D. Dominguez, P. Cabello, P. Arbuez
- 2:20 **Investigating Controls on Submarine Channel Evolution Through Morphometric Scaling Relationships:** L. E. Shumaker, N. C. Howes, L. Pettinga, Z. R. Jobe
- 2:40 **Refreshment Break**
- 3:25 **Saturations of Migrating Buoyant Fluids From Invasion Percolation Flow Simulation Using Small-Scale, High-Resolution Geologic Models With Realistic Heterogeneity:** T. A. Meckel, L. Trevisan, P. Krishnamurthy
- 3:45 **Extraction and Analysis of Complex Geobodies in Faulted Deposits Using Relative Geological Time Model Attributes and Spectral Decomposition: Exmouth Sub-Basin, Australia:** A. Devilliers, N. Daynac, B. Durot
- 4:05 **Prospect Investigation and De-Risking Using Cognitive Interpretation Workflows, Offshore Equatorial Guinea:** T. Wooltorton, M. Smith, S. Leslie, R. A. Moore

### Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)

Room 360

Co-Chairs: D. Hodgson, Z. Jobe and A. Pontén

- 1:15 **Introductory Remarks**
- 1:20 **The Channel-Lobe Transition Zone: A Template for Submarine-Fan and -Channel Evolution:** J. A. Covault, S. Kostic, A. Fildani
- 1:40 **Imaging the Channel-to-Lobe-Transition Zone With High-Resolution AUV Bathymetry: Navy Fan Offshore Baja California:** C. Carvajal, C. K. Paull, D. W. Caress, A. Fildani, E. Lundsten, K. Anderson, K. Maier, M. McGann, R. Gwiazda, M. L. Dykstra, J. Herguera
- 2:00 **The Transfer of Channel-Lobe Transition Zones Into the Stratigraphic Record: A Synthesis of Exhumed Examples From the Karoo Basin, South Africa:** D. Hodgson, M. Hofstra, H. L. Brooks, J. Peakall, S. Flint
- 2:20 **The Impact of Slope Topography on Sediment Partitioning and Depositional Architecture in a Deepwater Lower Slope Setting:** R. J. Wild, R. Healy, D. Hodgson, S. Flint
- 2:40 **Refreshment Break**
- 3:25 **The Stratigraphic Expression of Slope Channel Evolution: Insights From Qualitative and Quantitative Assessment of Channel Fills From the Cretaceous Tres Pasos Formation, Southern Chile:** S. J. Southern, L. Stright, Z. R. Jobe, B. Romans, S. Hubbard
- 3:45 **Textural and Compositional Trends in Transitional Flow Deposits of the Proximal Brushy Canyon Formation, Texas:** K. Ustipak, D. Mohrig, A. S. Pontén
- 4:05 **Acquisition of Mud by Gravity Flows and the Development of Turbidites vs. Hybrid Event Beds: Insights From the Poned Castagnola System (Northwest Italy):** M. Patacci, M. Marini, F. Felletti, A. Di Giulio, W. D. McCaffrey
- 4:25 **Grain-Size Distribution and Sedimentary Transport Patterns in Deep Water Rift Basins: Plio-Pleistocene Syn-Rift of the Corinth Rift, Greece:** M. Muravchik, G. A. Henstra, R. Gawthorpe, G. T. Eliassen, M. R. Leeder, H. Kranis, E. Skourtsos, J. Andrews

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## Technical Program Monday

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### Theme 8: Emerging Frontiers: Impact of Geologic Uncertainty on Pore Pressure and Implications for Well Design (AAPG)

Room 351

Co-Chairs: S. Bordoloi and M. Kumar

- 1:15 **Introductory Remarks**
- 1:20 **Impact of Geologic Description on Pore Pressure and Well Design: Shah Deniz, Offshore Caspian Sea:** J. Villinski
- 1:40 **Seismic Pore Pressure Prediction Enhanced with Geomechanical Modeling:** M. Heidari, M. Nikolinakou, P. B. Flemings
- 2:00 **Understanding Uncertainty in Pore Pressure Prediction:** S. O'Connor, A. Edwards, S. Green, E. Hoskin, J. Heller, G. Markham, A. Ellis, T. Sheehy\*
- 2:20 **The Influence of Structure on Pore Pressure in Confined Sediments:** M. Hauser

### Theme 8: Emerging Frontiers: Seep Hunters: Validating Charge in Wildcat Settings for Better Results (AAPG)

Room 351

Co-Chairs: D. Orange and N. Purcell

- 3:20 **Introductory Remarks**
- 3:25 **Using MBES Backscatter and Bathymetry to Assess the Distribution of Benthic Communities for Piston Coring Operations:** R. W. Cash, N. J. Purcell\*
- 3:45 **Evaluation of Near-Surface Gases in Marine Sediments:** M. A. Abrams
- 4:05 **The Mexican Gulf of Mexico "Gigante" Seep Hunting Program: Unprecedented Data Quality Underpins Unprecedented Success:** D. Orange, P. Teas, J. Decker
- 4:25 **From Satellite Images to Reservoired Hydrocarbons: The In-Depth Investigations of the Marco Polo Seeps, Green Canyon, Gulf of Mexico:** H. Dembicki
- 4:45 **Oil Seep Hunting From Space: The Case of the Lower Congo Basin:** D. Dhont, R. Jatiault, L. Loncke, D. Dubucq

### Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)

Room 342

Co-Chairs: A. Al-Tawil and C. Lehmann

- 1:15 **Introductory Remarks**
- 1:20 **The Importance of Understanding Diagenesis for the Development of Pre-Salt Lacustrine Carbonates:** S. Lepley, L. Piccoli, V. Chitale, I. Kelley, M. Quest
- 1:40 **The Margin of the Mishrif Platform, Rumaila Field, Southern Iraq:** C. Lehmann, J. A. Gardner, K. Totton, O. J. Olatoke, K. Tough
- 2:00 **Recent Advances in Forward Stratigraphic Modeling of Giant Carbonate Reservoirs and Evaporite Systems:** N. Hawie, A. Barrois, E. A. Marfisi, M. Gravitto
- 2:20 **Regional Stratigraphic Architectures and Depositional Settings of the Giant Shu'aiba Reservoir in the Arabian Basin, and Their Implication in Reservoir Characterization and Exploration:** N. M. Al-Ghamdi

### Theme 2: Carbonates: Microbial Carbonates – Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)

Room 342

Co-Chairs: A. Droxler and P. Harris

- 3:20 **Introductory Remarks**
- 3:25 **New Insight Into the Shark Bay Microbial System, Part 1: Stromatolite Provinces:** E. P. Suosaari, R. Reid, P. Playford, C. Steffensen, G. Eberli
- 3:45 **Pore-Structure and Petrophysical Characteristics of Hamelin Pool Stromatolites and Associated Cemented Coquina Beds:** G. Eberli, E. Karaca, R. Weger, E. P. Suosaari, R. Reid

- 4:05 **Fabrics and Interpretations of "Microbialites" Can Both Be Full of Holes:** J. P. Grotzinger
- 4:25 **A Review of Carbonate Continental Systems in Active Rift Settings (Offshore Angola) – A Combined Subsurface and Outcrop Study for Derisking Reservoir Presence:** G. San Miguel, P. Teboul, A. Virgone, L. Barbat, J. Girard, J. Kenter\*
- 4:45 **Classifying Reservoir Carbonates When the Status Quo Simply Does Not Work: A Case Study From the Cretaceous of the South Atlantic:** P. Wright, A. Barnett

## Monday Afternoon Poster Sessions

### SEPM Student Research Posters

Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.

Co-Chairs: H. Harper and R. Sarg

- 1A **High-Resolution Sequence Stratigraphy, Shoreline Trajectory, Accommodation Successions and Facies Association in the Cretaceous Gallup System, Shiprock, New Mexico, USA:** W. Lin, J. P. Bhattacharya
- 1B **Measuring the Ratio of Storm Deposited Gutter Casts in a Shallow Marine Environment of the Cretaceous Gallup Sandstone, Shiprock, New Mexico:** L. Jung-Ritchie, J. P. Bhattacharya
- 1C **Integrating a Deterministic Lithology Model for Subsurface Correlation, Eocene Green River Formation, Uinta Basin, Utah:** J. E. Peacock, R. Sarg
- 1D **Sedimentological Characterization and High Resolution Chronostratigraphic Framework of Channel-Levee Systems Across a 135 km-Long Strike-Oriented Outcrop Transect, Cretaceous Nanaimo Group, Canada:** R. G. Englert, D. Coutts, W. Matthews, S. Hubbard
- 1E **Re-Defining Depositional Model of the Buda Formation Utilizing Outcrops From West Texas and Cores From South and Central Texas:** X. Zhang, M. C. Pope
- 1F **Sedimentological and Petrographic Characteristics of a Mudstone-Dominated Succession Within a Sequence Stratigraphic Context: The Upper Cretaceous (Lower-Middle Turonian) Tununk Shale, South-Central Utah:** Z. Li, J. Schieber
- 2A **Micromorphological, Stable Isotope, NMR, Geomicrobial and Crystallographic Analysis of Quaternary Calcrete Formation, Puerto Rico:** K. Kuklewicz, L. Gonzalez, J. Roberts, C. Zhang
- 2B **Lateral Variability in Upper Slope, Shelf Edge and Shallow Marine Stratigraphy Along a 70-km Strike Transect: Karoo Basin, South Africa:** L. Gomis Cartesio, M. Poyatos-Moré, D. Hodgson, S. Flint
- 2C **The Seismic Geomorphology, Distribution and Origin of the Quaternary Mass Transport Complexes in the Pearl River Canyon, South China Sea:** X. Wang, Y. Wang, M. He, C. Gong
- 2D **Modern Facies Change: The Replacement of Corals by Crustose Coralline Algae and Rhodoids in Southwestern Puerto Rico Reefs:** K. Abrahamsson, L. Gonzalez
- 2E **Regional Sequence-Stratigraphic Correlation and Basin Analysis of the Lower to Middle Triassic Moenkopi and Equivalent Formations, Arizona, California, Utah, Nevada: Insight Into Backarc Basin Formation:** P. Foster, J. L. Aschoff
- 2F **Analysis of the Paleoclimate and Depositional Environment of the Kootenai 2 Formation, Southwestern Montana:** S. Gresh, L. Neumann, J. Yates, M. C. Pope
- 3A **Revisiting Beachrock Cementation Processes:** I. F. Villaneda-van Vloten, L. Gonzalez
- 3B **Petrographic and Geochemical Characterization of the Upper Bakken Shale, Williston Basin:** D. Nandy, S. Sonnenberg



## Technical Program Monday

### Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Co-Chairs: A. Fernandes, A. Hartley and R. Steel*

- 3C Late Carboniferous Fluvio-Deltaic Deposits (SE Kentucky, USA): Sedimentary Patterns and 3-D Digital Outcrop Reconstructions:** E. Braccini, F. Lafont
- 3D The Architecture and Connective Potential of Blowout Wings in Fluvio-Deltaic Environments:** T. Howe, J. Holbrook
- 3E Salinity Gradients and Catastrophic Freshwater Stress on Incipient Estuarine Ichnofossil Assemblages--Trinity Bay Head Delta: A Key to Defining Modern and Ancient Brackish Water Ichnofacies:** A. F. Wroblewski, S. Hasiotis
- 3F Fluvial-Eolian System Interaction on a Water Table-Controlled Lower Delta Plain, Skeidarársandur, Iceland:** N. P. Mountney, A. Russell
- 4A Mixed Processes in an Asymmetric, Wave-Dominated Shelf-Edge Delta Lobe: The Pliocene Paleo-Orinoco Delta (Moruga Formation), Trinidad:** Y. Peng, R. Steel, C. Olariu, S. Li, C. A. Clayton
- 4B Controls on the Evolution of Late Cretaceous to Paleocene Coastal to Deltaic Systems of the Prince Creek and Schrader Bluff Formations, North Slope of Alaska:** P. P. Flaig, D. van der Kolk, S. Hasiotis, P. McCarthy
- 4C Re-Evaluating the Asymmetry of Subsurface Wave-Influenced Deltaic Systems:** Y. Li, J. P. Bhattacharya, S. Ahmed, D. Garza
- 4D Unusually Well Preserved Tidal Signals and Tidal Constituents on Pliocene Paleo-Orinoco Delta, Trinidad:** S. Chen, R. Steel, E. P. Kvale, C. Olariu, J. Zhang
- 4E Geometry, Distribution and Infill Character of Erosional Scours in a Thin-bedded, Distal Lower Shoreface Sandstone Reservoir Analog: Grassy Member, Blackhawk Formation, Book Cliffs, East-Central Utah, USA:** G. I. Onyenanu, C. Jacquemyn, G. Graham, G. Hampson, P. Fitch, M. D. Jackson
- 4F Paleoenvironmental Reconstruction and Geocellular Model of a Heterogeneous Reservoir Analogue: The Sego-Neslen Formation Transition Near Harley Dome, Book Cliffs, Utah:** A. V. Murphy, P. P. Flaig, S. Hasiotis
- 5A Fluvial-Aeolian-Evaporitic Interactions in Arid Continental Basins: Implications for Basin-Scale Migration and Reservoir Characterisation:** R. P. Pettigrew, C. Priddy, A. Elson, K. Johnson, A. Gough, S. M. Clarke, P. Richards
- 5B Stratigraphic Changes in Ichnopedofacies of the Upper Triassic Chinle Formation, Northeast Chinle Basin, Southeastern Utah: Implications for Depositional Controls, Valley Formation and Paleoclimate:** S. Fischer, S. Hasiotis\*
- 5C Compositional Changes Related to Fluvial-Fan Sedimentation, the Miocene Sedimentary Infill of the Central Argentinian Foreland (Mariño and La Pilona Formations, Mendoza Province):** G. Hunger, A. Moscardiello, D. Ventra
- 5E Depositional Facies and Potential Bounding Surfaces Along an Erg Axis to Erg Margin Transect, Permian Cedar Mesa Sandstone, Utah:** J. Riedman, J. Wagner, N. Ball

### Theme 1: Siliciclastics: Source to Sink (SEPM)

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Co-Chairs: J. Covault and J. Pickering*

- 5F Transregional Sequence-Stratigraphic Correlation of the Maastrichtian Fox Hills Sandstone: Colorado, Wyoming, South Dakota, North Dakota and Montana:** C. B. Rust, J. L. Aschoff
- 6A Architecture of Deep Water Lacustrine Fans Fed by Multidirectional Clinofolds in Dacian Basin, Romania:** T. Kuntipaktakun, C. Olariu, R. Steel, R. Fong-Ngern, C. Krezsek
- 6B Reconstructing Pre-Salt Paleodrainage Pathways and Source Terrains for the Late Triassic Eagle Mills Formation, Northern Gulf of Mexico Basin:** B. C. Frederick, M. Blum, C. Lowery, J. W. Snedden
- 6C Channel-Belt Scaling Relationship and Application to Lower Miocene Source-to-Sink Systems in the Gulf of Mexico Basin:** J. Xu, J. W. Snedden, W. Galloway, K. T. Milliken, M. Blum
- 6D Scaling Relationships in Linked Submarine Channel-Lobe Systems: Enabling Prediction of Reservoir Scales and Geometries in Deep-Water Sediment Routing Systems:** L. A. Pettinga, L. E. Shumaker, N. C. Howes, Z. R. Jobe
- 6E Controls on Sediment Delivery to the Deep-Water in Eocene Source-to-Sink Clastic Systems of the South Pyrenean Foreland Basin, Spain:** J. Clark, S. Castellort, C. Puigdefàbregas, D. F. Stockli, M. L. Dykstra, L. Honegger, K. Thomson, M. Odlum, A. Fildani
- 6F Sequence Stratigraphy of Continental Successions, Multi-Approach Insight From Source-to-Sink Studies in the South Pyrenean Foreland Basin, Spain:** L. Honegger, S. Castellort, J. Clark, T. Adatte, C. Puigdefàbregas, M. L. Dykstra, A. Fildani, J. Spangenberg



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## Technical Program Monday

\* denotes presenter other than first author

- 7A Influence of Forearc Development on Sediment Routing: Detrital Zircon Provenance of Paleogene to Neogene Strata, East Coast of New Zealand:** N. M. Nieminski, J. T. Gooley, S. A. Graham
- 7B The Source is in the Sink: Deep-Water Deposition From a Submarine Volcanic Arc, Taranaki Basin, New Zealand:** L. E. Shumaker, G. R. Sharman, P. R. King, S. A. Graham
- 7C Tectonic Controls on Deep-Water Sediment Routing – Nanaimo Basin, Canada:** D. Coutts, S. Hubbard, R. G. Englert, H. Bain, W. Matthews, B. Guest
- 7D Spatial-Temporal Evolution of Sedimentary Systems, Transition Zones and Stratigraphic Sequences in a High-Latitude Basin Margin Succession:** M. Poyatos-Moré, R. L. Brunt, L. E. Gomis-Cartesio, H. L. Brooks, R. Harding, D. Hodgson, S. Flint
- 7E Source-to-Sink Analysis of Marine Rift Basins Surrounding a Long-Lived Structural High: The Frøya High, Norwegian Continental Shelf:** G. A. Henstra, R. Gawthorpe, J. Munoz, M. Muravchik, A. Rotevatn
- 7F Shelf-Margin Evolution in an Active Tectonic Setting: The Middle Miocene Western Baram-Balabac Basin, Northwest Borneo:** D. S. Collins, I. Puasa, H. Johnson, C. A. Jackson

### Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Co-Chairs: J. Eggenhuisen and N. Fernandez*

- 8A Numerical Modeling of Ancient Tides: The Impact of Paleogeographic Uncertainty on Shoreline Depositional Processes:** D. S. Collins, A. Avdis, P. Allison, H. Johnson, C. Dean, M. van Cappelle, V. M. Rossi, J. Hill, M. Piggott, G. Hampson
- 8B Grain Size Fractionation Within Self-Channelized Turbidity Current Deposits:** R. Dorrell
- 8C Physical Models of Subaqueous Transitional Sediment-Gravity Flows: Stacked Flow Interaction and Remobilization:** D. M. Sturmer, W. Koo, D. Mohrig, J. Buttles, A. S. Pontén, C. Messina
- 8D Development of Cutoff-Related Knickpoints in Submarine Channels: Insights From Kinematic Modeling and Implications for Reservoir Architecture:** Z. Sylvester, J. A. Covault
- 8E Three-Dimensional Numerical Modeling of Eustatic Control on Continental-Margin Sand Distribution:** A. D. Harris, J. A. Covault, A. S. Madof, T. Sun, Z. Sylvester, D. Granjeon, S. Baumgardner
- 8F The Influence of Topography on Subaqueous Sediment Gravity Flows and the Resultant Deposits: Examples From Deep-water Systems in Offshore Morocco and Offshore Trinidad:** H. Deng, L. J. Wood, I. Overeem, E. Hutton
- 9A Turbidite Grading as a Proxy for Flow Generation and Proximity: Applications and Limitations:** V. Ho, R. Dorrell, G. M. Keevil, A. D. Burns, W. D. McCaffrey
- 9B Complementary Results on Experiment-Derived Classification of Submarine Sediment Gravity Flows:** C. H. Boffo, R. Manica, A. de Oliveira Borges, M. Moraes, P. Paraizo
- 9C Optimal Gridding Selection for Field-Scale Reservoir Simulation of a Channelized Deep-Water System:** C. Meirovitz, L. Stright, S. Hubbard, B. Romans
- 9D Downstream Grain-Size Coarsening in Proximal Lobe Deposits of the Karoo Basin Compared With Comparable Flume Experiments:** F. Pohl, J. de Leeuw, J. Eggenhuisen, M. Cartigny, Y. Spychala, M. Tilston, N. Berends
- 9E Are We There Yet? Geometric Modeling of the Controls on the Transit Time of River Deltas to the Shelf Edge:** S. Baumgardner, A. D. Harris, T. Sun

- 9F The Kinematic Evolution of Stacked Strata on Experimental Shelf Margins:** A. M. Fernandes, K. M. Straub
- 10A Production of Coupled Sand-Mud Deposits by Remobilization in Subaqueous Transitional Flows:** W. Koo, D. Mohrig, J. Buttles, D. M. Sturmer, A. S. Pontén, C. Messina
- 10B Process Control on Grain Size Trends in Turbidite Levee Sequences:** J. de Leeuw, J. Eggenhuisen\*, M. Cartigny
- 10C A Forward Stratigraphic Model of Fluvial Meander Evolution, Point-Bar Facies Architecture and Heterogeneity: Subsurface Applications:** N. Yan, N. P. Mountney, L. Colombera, R. Dorrell, J. M. Montero

### Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Co-Chairs: J. Bishop, M. Frazer and C. John*

- 10D Massive Dolomite on the Upper Jurassic to Lower Cretaceous Carbonate Shelf, Northeastern Saudi Arabia: Insights From Reactive Transport Modeling:** P. Lu, W. Tan, D. Tang
- 10E Diagenesis, Facies and Reservoir Quality in a Sequence Stratigraphic Framework: The Visean-A Platform in Tengiz Field, Republic of Kazakhstan:** J. W. Bishop, M. Miller, N. Kalzhekov, L. Hsiao, T. Playton
- 10F Novel Lidar XRF Integration for Routine Outcrop Elemental and Mineralogic Analysis: Examples From the Florida Pleistocene and New Mexico Permian:** J. D. Pigott, K. L. Pigott, E. L. Giddens, K. N. Garrett
- 11A Facies Control on Dolomitisation Within the Neogene Succession of Bonaire, Netherlands Antilles:** J. Laya, F. F. Whitaker, M. Tucker, T. Gabellone
- 11B Controls on Convection Along Fault Systems and Implications for Hydrothermal Dolomitization in a Cenozoic Rift System:** H. Robertson, F. F. Whitaker, T. Palmer, C. Hollis, H. Corlett, A. Rotevatn
- 11C Spatial Variations in the Stoichiometry and Geochemistry of Miocene Dolomite From Grand Cayman: Implications for the Origin of Island Dolostone:** M. Ren, B. Jones
- 11D Diagenetic Evolution of the Cherry Valley Member of the Oatka Creek Formation, Marcellus Subgroup, New York:** J. C. Root, T. E. Jordan
- 11E Modeling Carbonate Diagenesis for Reservoir Quality Prediction: Predicting Cementation and Compaction as Functions of Mud Content Using Petrographic Data From a Carbonate Reservoir in a Giant Oil Field:** S. Zhang, P. Lu, D. Cantrell, T. D. Jobe, S. Agar
- 11F Reservoir Heterogeneity and Quality of Khuff Carbonates (Central Saudi Arabia):** A. M. Adam, R. Swennen, O. Abdullatif
- 12A Evidence of Exposure of the Upper Cretaceous Congost Carbonate Platform and Implications for Emergent Surfaces Identification From Subsurface Data:** A. M. Selem, R. Dixon, C. Hollis, J. Lavi
- 12B Control of Stratigraphic Sequence on Karst Reservoirs: A Case Study on the Ordovician Carbonate Reservoirs in the North Tarim Basin, China:** C. Ning
- 12C Identification of Diagenetic Footprint and Associated Development Challenges in the Deep Conventional Naturally Fractured Carbonate Reservoirs of North Kuwait:** V. Kidambi, C. Pattnaik, N. Rao, N. Al-Ajmi, B. Al-Qadeeri, A. Al-Hammadi, Q. Dashti
- 12D Diagenesis and Pore Evolution of an Evaporate-Related Carbonate Reservoir -- the Middle Triassic Leikoupo Formation, Sichuan Basin, China:** L. Jiang, Q. Fu, Z. Xu, S. Shi, Z. Wang
- 12E Controls on the Development of Cation Ordering in Dolomite:** S. E. Kaczmarek



## Technical Program Monday

### Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)

Exhibition Hall D-E / 1:30 p.m. – 5:00 p.m.

Chair: A. Callejon

- 12F** Attempt Using Carbonate Clumped Isotopes to Reconstruct the Thermal History of Sichuan Basin: Q. Xu, N. Qiu, W. Liu
- 13A** Infrared Spectroscopy and Chemometrics: What Can They Tell Us About Petroleum Systems?: J. E. Birdwell, R. F. Dias
- 13B** Geochemical Screening Using Infrared Spectroscopy and Multivariate Calibration: Mudrock Mineralogy, Major Element Chemistry and Organic Content: J. E. Birdwell
- 13C** Unravelling Provenance of Condensates and Associated Natural Gases in the Almond Formation Carbonaceous Shales and Sandstone Reservoirs, Southwestern Wyoming: M. Mei, A. Bissada, T. Malloy, L. Darnell, E. Szymczyk
- 13D** Activation Energies of Kerogen in the Eagle Ford Shale Estimated From Rock-Eval Pyrolysis Data: Comparison of Methods Using Single and Multiple Heating Rates: L. Perreault
- 13E** Geochemical Factors Controlling the Phase Behaviour of In-Situ Petroleum Fluids in the Eagle Ford Shale: S. Kuske, B. Horsfield
- 13F** High-Resolution Geochemical Analysis of Cycles of the Vaca Muerta Formation, Neuquén Basin: L. E. Rueda Sánchez, D. F. McNeill, G. Eberli, M. Tenaglia, L. Peterson, P. Swart, R. Weger
- 14A** High-Resolution Geochemical Assessment of Two Wolfcamp Formation Cores in the Southern Delaware Basin: I. Moede, A. Morrell, G. Stephens
- 14B** Micro-FTIR Imaging and Confocal Microscopy for Quantitative Characterization of Organic Rich Mudstones: T. D. Jobe, S. Csutak, J. Kone, D. Jacobi, W. Li
- 14C** U-Pb Dating of Diagenetic Carbonates in Petroleum Reservoirs: Recent Advances and Perspectives: N. Godeau, P. Deschamps, A. Guihou, J. Girard, P. Léonide, A. Tendil, A. Gerdes, B. Hamelin, E. Deloule
- 14D** An Optimum Sample Preparation Method for Multi-element Analysis in Crude or Fuel Oils with ICP-OES and QQQ-ICP-MS by Mineralization Utilizing a Single-Reaction-Chamber Microwave System: W. Yang, J. Casey, Y. Gao
- 14E** Controls on Fluid Quality Variations Across Four Producing Fields in the Deepwater Gulf of Mexico: B. Marshall, E. Collins, E. Heydweiller
- 14F** Effects of Salt Chlorides on the Hydrocarbon Generation of Source Rocks: C. Liu, X. Zhang, Z. Guo, J. Liu
- 15A** High Resolution Analysis of Organic Matter Deposition in the Qingshankou Formation, Upper Cretaceous, Songliao Basin (Northeast China): Implication From Geochemistry and Astronomical Cycles: J. Xu, A. Bechtel, R. Sachsenhofer, Z. Liu, Q. Meng
- 15B** 4-Methyl-24-Ethylcholestane in Upper Permian Fossil Conifer Wood from Paleo-Midlatitude of Northeast Pangea, Wutonggou Low-Order Cycle, Southern Bogda Mountains, Northwest: X. Zhan, W. Yang, Q. Feng, Y. Zhang, Y. Tian

### Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)

Exhibition Hall D-E / 1:30 p.m. – 5:00 p.m.

Co-Chairs: H. Carvajal and M. Rahman

- 15C** An Integrated Source Rock Prediction Model: Y. Zhao, J. Liu, B. J. Katz
- 15D** Advanced Modeling of Gas (Methane Through Pentane) Compositions and Carbon Isotopes in Petroleum and Petroleum Mixtures: A. Pepper
- 15E** A New Kinematic Tool for Petroleum System Modeling in Complex Structural Settings: R. Giboreau, M. Callies, F. Chapuis, R. Darnault, F. Willien

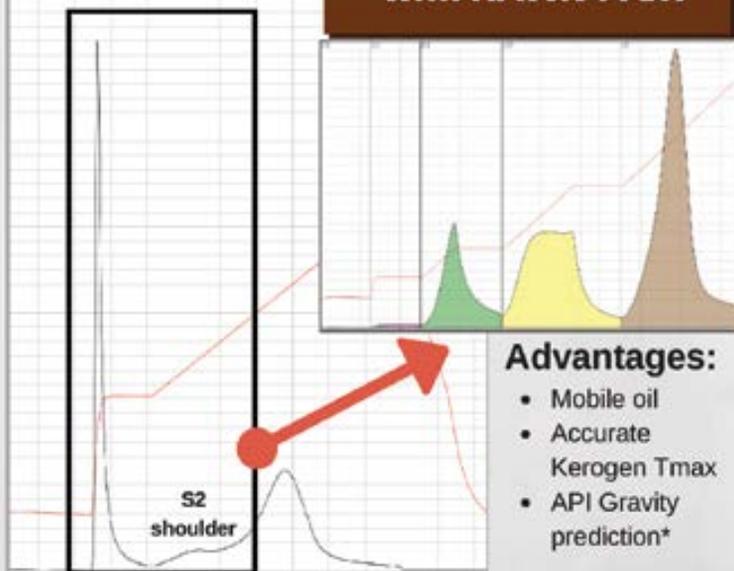
- 15F** Estimating the Ultimate Expellable Potential of Source Rocks: Defining "World Class" for Aquatic Organofacies With Examples From the Arabian, West Siberian, Bohai and Williston Basins: E. Roller, A. Pepper
- 16A** Geochemically Distinct Oil Families in the Middle Magdalena Valley, Colombia Based on Chemometric Analysis of Source-Related Biomarker and Isotopic Ratios: W. Thompson-Butler, K. E. Peters, L. B. Magoon, A. H. Scheirer, S. Graham
- 16B** Application of Advanced Technologies for Improving the Petroleum Systems Modeling in Foreland Fold-and-Thrust (FFT) Belts: The Llanos Basin Case Study: V. Blanco, M. A. Guzman, A. Mora, N. Sanchez, J. M. Moldowan, N. Marcano
- 16C** Effects of Carrier Bed and Reservoir Heterogeneity on Hydrocarbon Migration, Charging and Accumulation, Hadexun Oilfield, Tarim Basin, China: X. Luo, Z. Xiao, H. Yang, J. Zhao, B. Zhang, W. Yang, H. Zhao, Y. Lei, L. Zhang
- 16D** Constraining Burial History and Fluid Pressures Through Combined Structural, Clumped-Isotope and Fluid-Inclusion Analyses: D. L. Kirschner, P. Luetkemeyer, K. Huntington, M. Evans
- 16E** Characterization of Organic Compounds in Produced Water From Unconventional Reservoirs Using Nuclear Magnetic Resonance Spectroscopy and Carbon Isotope Analysis: A. K. Prock, T. M. Quan, J. Pashin, E. Atekwana, D. Vinson, M. McIntyre-Redden
- 16F** High Resolution Stratigraphic Framework Establishment of Lacustrine Shahejie Shale in Jiyang Depression, Eastern China: X. Ma, M. Li, X. Pang, Z. Huang, T. Cao, M. Qian, Q. Jiang, Z. Li, Z. Li
- 17A** Three-Phase Darcy Migration in Basin Modeling: C. Meiller, J. Coatleven, X. Guichet, N. Maurand

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## Technical Program Monday

\* denotes presenter other than first author

- 17B Statistical Comparison of Hydrocarbon Gas Composition and Isotopic Ratios From Multiple Sampling Methods:** B. T. Kirkland
- 17C Possible Origins for Low Thermal Maturity, High-Nitrogen Natural Gases:** A. A. Brown
- 17D A Geochemical Probe of Formation Waters and Associated Crude Oils in a Source Shale Bed Toward an Understanding of the Role of Water-Mineral Interactions During Hydrocarbon Generation:** H. Alvarez, S. Chaudhuri\*, M. Totten, G. Riepl, J. Miesse, S. Kirkwood, L. Nicastro
- 17E Residency of Rhenium and Osmium Within Heavy Crude Oil:** J. M. Di Marzio, S. Georgiev, H. Stein, J. Hannah

### Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental and Mitigation Best Practices (DEG)

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Chair: B. Byrd*

- 17F Geochemical and Foraminiferal Responses to Anthropogenic Activities Along the Coastal Regions of Matagorda and Brazoria Counties, Texas:** S. Kariminia, C. Pletka, K. Elderbak, X. Liu\*, C. Xiong, T. Vodo, P. Hojnacki, B. Porter, J. Greene, M. A. Lorente
- 18A H<sub>2</sub>S Generation and Release in Salt Cavern Gas Storage:** C. Hemme, W. van Berk
- 18B Preliminary Evaluation of Coal Bed Methane (CBM) Resources in Sindh, Pakistan:** A. Nazeer, S. Ahmed, S. H. Shah\*
- 18C U.S. Energy Trends and Projection:** T. Tabassum
- 18D The Use of Non Toxic Oil Based Cement for Coal Gas Capture:** D. O. Isiwele
- 18E Health Safety and Environmental Aspect in Petroleum Industry in Africa:** E. Kipkoech
- 18F Architecture Analysis of Underwater Distributary Channels—A Case Study of S2L4 in Wen 79 Southern Block:** L. Chen
- 19A Fuzhou “Yu Quan”: Warning From Chinese Ancient to the Exploitation of Geothermal Resources in Contemporary China:** X. Zhang, J. Hou, Y. Liu
- 19B Has the Initial Development of the Haynesville Gas Play Impacted the Overlying Carrizo-Wilcox’s Water Quality?:** D. Carlson
- 19C A Model for Predicting Organic Compounds Concentration Change in Water Associated with Horizontal Hydraulic Fracturing:** L. Ma
- 19D Geophysical Delineation of Megaposity and Fluid Migration Pathways for Geohazard Characterization Within the Delaware Basin, Culberson County, Texas:** J. D. Woodard
- 19E The Geochemical Characteristics and Origin of Deep Geothermal Water in Baxian Sag, China:** F. Li

### Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Co-Chairs: P. Carragher and S. Nwoko*

- 19F The Exploration Challenges and Opportunities Left in the Mature of the West Java Basin Area, Indonesia:** N. A. Manaf
- 20A Integrating and Adopting Economic Uncertainty in Upstream Investment Decision Making:** C. W. Barnes
- 20B U.S. Geological Survey Assessment of Undiscovered Hydrocarbons in the Deep Tertiary of the U.S. Gulf Coast Region:** M. L. Buursink, C. Enomoto, C. Doolan, W. Craddock, J. L. Coleman
- 20C The Keys to New Sub-Igneous Oilfield Discovery in Offshore Bohai Bay Basin, China:** H. Yang, L. Chen, C. Xu, C. Niu, B. Yang
- 20D Organic Carbon Isotopes and Silurian Chronostratigraphy in Eastern Europe:** N. B. Sullivan, D. Loydell, P. Montgomery, S. Molyneux, J. A. Zalasiewicz, K. Ratcliffe, J. D. Griffiths
- 20E Using Global Reservoir Analogs and Stochastic Modeling to Estimate Prospect Resources:** Y. Li, T. Ghazi, S. Wu, W. Wu

- 20F How Have Well Economics and EURs Reacted to Low Commodity Prices and Falling Service Costs Within the United States Oil Plays?:** M. Nikhanj, G. Johnston, I. Nieboer\*, T. Sloan, A. Reimchen
- 21A Decision Quality Applications for Prospect Ranking and Sequential Exploration: A Case Study in Offshore Brazil:** R. A. Lima
- 21B Giants in the Rift: Petroleum System Elements of Rift-Basin Hosted Giant Fields:** S. Schwarz, L. Welcome, L. J. Wood
- 21C Reservoir Forecast Quality – Impact of Reservoir Modeling, Uncertainty Assessment of Sparse Data and Decision Bias:** W. S. Meddaugh
- 21D Production Trend Analytics: Utilizing Big Data to Minimize Geoscientist Capital Input:** M. W. Bauer
- 21E Post-Appraisal – the Key to Confidence in Forecasting:** P. Carragher

### Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Co-Chairs: N. Eichelberger and C. Guzowski*

- 21F Large-Scale Tectonic and Structural Controls on Ordovician Black-Shale Distribution (Utica and Martinsburg) During the Taconian Orogeny, Northern Appalachian Basin, USA:** F. R. Etensohn
- 22A Sinu Basin Tectonostratigraphy Between Two Fold Belts and Timing of the Panama Arc-South America Collision:** F. Kong
- 22B Kinematics and Growth of Supra-Salt Faulting in the Paradox Basin: A Field and Subsurface Analysis:** E. Horne, B. Trudgill
- 22C Evidence of Cretaceous Plate Collisions Along the Falkland Plateau Basin – Ramifications to Petroleum Systems and Reservoir Quality Risk:** C. M. Fraticelli, Y. Yusri, J. A. Mercer, D. J. Yezerski
- 22D The Tectonic Evolution of the Pegasus Basin and Implications for the Transition From a Subductive to Transform Plate Boundary, Offshore New Zealand:** S. King, B. Trudgill
- 22E Reconstructing the Evolution of the Pamir Lower Crust: Zircon U-Pb and Trace-Element Petrochronology of UHP/UHT Xenoliths:** M. E. Shaffer, B. Hacker
- 22F Long-Wavelength Compressive Related Deformation Causes Large Relative Sea Levels Shift Along the Inner Mid Norwegian Passive Margin:** H. Løseth, R. J. Wild, R. Kyrkjebø, E. Hilde, H. Bunkholt
- 23A Analog Modeling of the Hides Anticline, PNG: Structure of a Giant Gasfield:** R. Darnault, K. Hill
- 23B Application of 3-D Structural Analogue Modeling to Hydrocarbon Exploration: Examples From Subandean Bolivia, the Gulf of Mexico and Papua New Guinea:** R. Darnault, J. Ringenbach, K. Hill, J. Callot, J. Mengus
- 23C Unravelling the Influence of Throw and Stratigraphy in Controlling Sub-Seismic Fault Architecture of Fold-Thrust Belts: An Example From the Qaidam Basin, Northeast Tibetan Plateau:** Y. Pei, D. Paton, R. Knipe
- 23D Geodynamic Control on the Deposition of Siliciclastics and Carbonates in West-Directed Subduction Settings: An Example From Eastern Offshore of Tobago Island, Southeastern Caribbean:** M. Masini, A. Jimenez Berrocoso, J. Salazar, C. Moss, M. Rajotte, L. Cascone, A. Olaiz Campos, F. Pangaro
- 23E New Insight of Fold-Thrust Belt Evolution as Implication of Hydrocarbon Prospect in the West Timor Island, Indonesia:** B. Sapiie, H. Tiranda, A. H. Harsolumakso
- 23F Geology of Northern Alto Relex Area, Roy’s Peak Quadrangle, Big Bend National Park, Brewster County, Texas:** R. L. Schoen
- 24A Integrated Regional Geophysical Analysis of the Deep Structural Framework of the Permian Basin:** G. R. Keller, D. Adams
- 24B Assessment of Structurally Compatible Interpretation in Fold-Thrust Belts: An Example From Offshore Northwest Borneo:** Y. Totake, R. W. Butler, C. E. Bond



## Technical Program Monday

### Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)

*Exhibition Hall D-E / 1:30 p.m. – 5:00 p.m.*

*Co-Chairs: T. Diggs and O. Egbue*

- 24C** The Study on Characteristics of Low Permeability TZ/ROZ via CO<sub>2</sub> Displacement: Y. Sun
- 24D** The Effect on Permeability of Step-Wise Removal of Organic Material Using Digital Rock Methods: J. Walls, A. Grader, T. Rider
- 24E** Permeability of Mudrocks Effects: Lithology, Texture and Pore Fluid Salinity: M. Dessouki, M. Myers, L. Hathon
- 24F** Nano- to Micron-Sized Pore Types and Pore Size Distribution in Fluvial, Lacustrine, Transitional and Marine Tight to Shale Oil and Gas Plays in China and U.S.: S. Jiang, D. Xiao, X. Tang, Q. Zhang, F. Xing, C. Xiang, P. Pahnke, T. Anderson
- 25A** Evaluation of Clay Conductivity From CEC Measurement Using Destructive and Non-Destructive Techniques: J. Lee, L. Hathon, M. Myers
- 25B** Hydraulic Refracting Feasibility and Timing for Hydrocarbon Shale Reservoirs: A. Ettehadtavakkol
- 25C** The Effects of Downspacing on Recovery Factor Using Type Curve Analysis and Accounting for Adsorbed Hydrocarbon in a Multi-Phase Unconventional Reservoir: Eagle Ford Case Study: F. Lalehrokh, P. Grossi, A. Salin
- 25D** Issues Concerning Application of Horizontal Well Data in 3-D Modeling of Shale Reservoirs: G. Wang
- 25E** A New Approach Solving Lateral Wells Complexity, Integrating Borehole Acoustics Reflection Survey and Facies Derived Borehole Images for a Better Completion Strategy, Wolfcamp, West Texas: O. Zened, E. Haddad, C. Contreras Fuentes, V. Valentina, E. V. Arteaga, G. Martinez
- 25F** COMSOL Modeling of Non-linear Transport Properties in Low Permeability Samples: Y. Lin, M. Myers
- 26A** Characterizing Tri-linear Deformation for Hydraulic Fracture Stimulations Utilizing Microseismicity: E. P. Ardakani, K. Bosman, L. Smith-Boughner, T. Urbancic, A. Baig
- 26B** Quantitative Stratigraphic Applications in Mudstones Using a Combined Wavelet and Compositional Data Analysis Approach (CDA-WA): Case Study in Eagle Ford Group Mudstones of South and West Texas With Implications for Sequence Stratigraphy and Cyclostratigraphy: M. P. Wehner
- 26C** 1-D NMR Data Inversion: N. Krishnaraj, L. Hathon, M. Myers
- 26D** Stratigraphic and Geochemical Variability of The Cenomanian to Turonian Eagle Ford Group in Southwest Texas: Implications for Identifying Potentially Productive Hydrocarbon Pay Zones: R. A. Conte, M. C. Pope, M. Tice
- 26E** Nano-Scale Pore Characterization of the Eagle Ford Shale, Texas: S. Ramiro-Ramirez, A. Padin

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## Technical Program Tuesday

\* denotes presenter other than first author

### Tuesday Morning Oral Sessions

#### Theme 6: Unconventional: Permian and Eagle Ford (EMD/AAPG)

General Assembly A

Co-Chairs: W. Camp and T. Kosanke

- 8:00 **Introductory Remarks**
- 8:05 **U.S. Tight Oil: What's Behind the Competitive Cost Curve?:** R. G. Clarke
- 8:25 **Conventional and Unconventional Petroleum Systems of the Delaware Basin, USA:** D. M. Jarvie, D. A. Prose, B. M. Jarvie, R. J. Drozd, A. Maende
- 8:45 **Optimization of Horizontal Wells Utilizing Multivariate Analytics of Seismic Inversion in the Wolfcamp Formation of the Midland Basin:** J. Wicker, J. Courtier, P. Curth, T. Jeffers
- 9:05 **Modified Methods of Petrophysical Pore Pressure Prediction and Static Geomodel Integration in the Delaware Basin: Modeling Overpressure Generated by Fluid Expansion:** S. C. Rittenhouse, J. Fritz, S. Riley, J. Roberts
- 9:25 **Refreshment Break**
- 10:10 **Permian Stacked-Pay Potential Assessment Using Multi-Disciplinary Analytics:** M. Roth, M. Roth
- 10:30 **Quantifying Organic Porosity and Predicting Estimated Ultimate Recovery (EUR) in the Eagle Ford Formation:** R. Mclean, C. Miller, B. Guzman, J. Walls
- 10:50 **Permeability of the Eagle Ford Shale: Organic Matter "Cement," Matrix Storage, Limestone Fractures and the Importance of Choke Management:** T. Kosanke
- 11:10 **Organic Facies and Reservoir Characterization of Eagle Ford Shale as Determined by Stratigraphy, Source Rocks and Oil Geochemistry:** M. W. Rahman, D. Hull, P. Chapman, G. Riggs
- 11:30 **Eagle Ford Petroleum System as an Exploration Analog:** R. Kommaraju

#### Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 I

General Assembly B

Co-Chairs: K. Ehman and H. Posamentier

- 8:00 **Introductory Remarks**
- 8:05 **Evolution and Effects of Sequence Stratigraphy:** R. M. Mitchum
- 8:25 **Advances in Sequence Stratigraphy—Insights From 35 Years of Studying the Other 80% of the Stratal Record: Mudstones:** K. Bohacs, J. MacQuaker
- 8:45 **A Simplified Guide For Sequence Stratigraphy: Nomenclature, Definitions and Method:** V. Abreu, K. Pederson, J. Neal, K. Bohacs
- 9:05 **Defining Aquifer Architecture Using Seismic and Sequence Stratigraphy in the Los Angeles Basin, California: A Foundation for Future Assessment and Management of Groundwater Resources:** K. D. Ehman, B. D. Edwards
- 9:25 **Refreshment Break**
- 10:10 **New Time Constraints on the Karoo Deepwater Physical Sequence Hierarchy:** S. Flint, D. Hodgson, M. Poyatos-Moré, E. Tohver
- 10:30 **Stratal Stacking Patterns of Continental Margin Successions in Low-Accommodation and Low-Sediment-Supply Settings:** C. R. Fielding
- 10:50 **Sequence Variability in Shallow Marine/Deltaic Syn-Rift Systems: Impact of Fault Network Evolution and Sediment Supply Variations, Plio-Pleistocene of the Corinth Rift:** R. Gawthorpe, M. Muravchik, G. A. Henstra, M. R. Leeder, J. Andrews, H. Kranis, E. Skourtsos, R. Collier, M. Ford

- 11:10 **Stratigraphic Evolution of the Barrow Group (Northern Carnarvon Basin, North West Shelf, Australia): Controls on the Architecture of a Shelf-Margin During a Syn-Rift to Post-Rift Transition:** V. Paumard, J. Bourget, T. Payenberg, B. Ainsworth, S. Lang, H. W. Posamentier, A. George
- 11:30 **Deep-Water Turbidites in Not-so-Deep Basins:** H. W. Posamentier, K. D. Ehman, A. Teletzke, V. Paumard, J. Bourget, S. Lang, A. Powell

#### Theme 11: Future of Energy: Previous Predictions and Future Trends (AAPG)

General Assembly C

Co-Chairs: P. Carragher and J. Courtier

- 8:00 **Introductory Remarks**
- 8:05 **Evolution of E&P Risk Analysis:** P. R. Rose
- 8:25 **The Future of Total Exploration: One Ambition:** K. McLachlan, J. Navarre
- 8:45 **The Exploration Dilemma – Threshold for a New Paradigm?:** P. H. Stark, L. Smith
- 9:05 **Does It Pay to Innovate? An Economic Lookback at the Lifecycle of the Amplitude Play in the Deepwater Gulf of Mexico:** N. Shumaker, T. Chapman, K. Andereg
- 9:25 **Refreshment Break**
- 10:10 **Base Rate Neglect: A Common Logical Fallacy of Oil and Gas Explorers?:** A. V. Milkov
- 10:30 **The Upstream Sector Adjusts to the New Economics of Exploration:** J. Wilson
- 10:50 **Future of Energy Exploration:** W. V. Maloney
- 11:10 **Exploration Assurance Team Best Practices:** G. Citron, M. Bond, P. Carragher
- 11:30 **Is Hydrocarbon Exploration Running Out of Resources to Find or Ideas to Find It?:** N. Maden

#### Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain (AAPG)

Room 370

Co-Chairs: A. Stankiewicz and D. Xia

- 8:00 **Introductory Remarks**
- 8:05 **The Whys and Wherefores of Geochemistry and Basin Modeling From Exploration to Production:** R. Patience, F. Baur
- 8:25 **Source Rocks in the Caribbean Plate:** L. M. Bernardo, C. Bartolini
- 8:45 **Carotenoid-Derived Biomarkers as Geochemical Tools for Petroleum Exploration and Paleoreconstruction:** R. E. Summons, D. Rocher, C. Barrie, K. French, J. E. Zumberge
- 9:05 **A Comparative Study of the Primary Geological and Geochemical Controls on Coal-Sourced Natural Gas Accumulations in the U.S. and China:** G. S. Ellis, D. Xia, J. Dai, Y. Ni, J. Mi, G. Hu, S. Greb, C. Eble, J. Hower, M. McGlue
- 9:25 **Refreshment Break**
- 10:10 **Geochemistry and Origin of Formation Waters From the Lower Eagle Ford Shale, South Central Texas:** M. Engle, C. Doolan, M. S. Varonka, W. H. Orem, P. B. McMahon, S. L. Ray
- 10:30 **Guidelines for Kinetic Input to Basin and Petroleum System Models:** K. E. Peters, A. K. Burnham, C. C. Walters, O. Schenk
- 10:50 **San Andres Play in the Northwest Shelf: A New Insight on Its Petroleum Systems From Oil Geochemistry:** L. M. Rodriguez, C. Gong

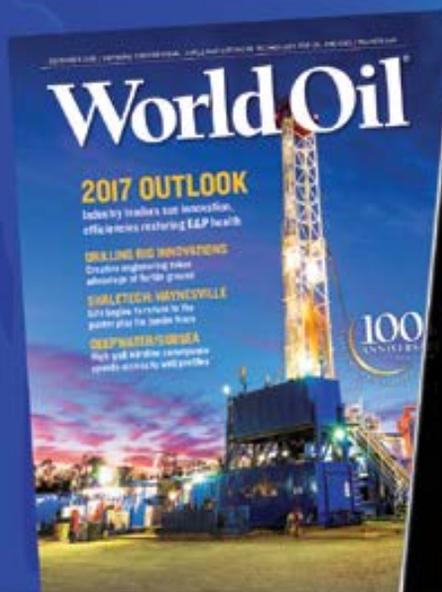
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## Technical Program Tuesday

\* denotes presenter other than first author

- 11:10 **Unravelling Complex Petroleum Filling History of Great White Field by 4-D Integrated Petroleum Systems Approach:** S. K. Sahoo, L. Dzou, A. Hospedales, A. S. Afifi, D. Dailey, H. Jin, L. Becker, T. Lapinski, D. Steinhoff, G. Ritter, T. Jia, G. Pfau
- 11:30 **Petroleum Systems Modeling of the Perth Basin, Western Australia:** K. A. Ghori

### Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)

Room 361

Co-Chairs: S. Fullmer and N. Hurley

- 8:00 **Introductory Remarks**
- 8:05 **Microporosity Quantification Using Confocal Microscopy:** N. F. Hurley
- 8:25 **Facies Independent Porosity, Permeability and Production Trends in the Micropore-Dominated Word Field (Edwards Formation), Lavaca County, Texas:** B. Rendall, S. VanSimaey, S. M. Fullmer, F. Lucia, C. Kerans
- 8:45 **Carbonate Pore System Influence on Displacement Behavior:** S. M. Fullmer, A. Buono, H. King, B. Gao, P. Moore, B. Kelley
- 9:05 **Synthetic Digital Rock Methods for Exploring the Properties Associated With Complex Rock Textures:** Z. Jiang, J. Buckman, H. Lewis, G. D. Couples\*, R. van Dijke, S. Geiger
- 9:25 **Refreshment Break**
- 10:10 **Improved Permeability Assessment Using Directional Rock Fabric Quantification:** S. A. Purba, A. P. Garcia, Z. Heidari
- 10:30 **Assessing Flow Potential in a Fringing Reef Matrix-Vug Dual Pore System:** V. D. Diaz, J. S. Klaus, D. F. McNeill, R. C. Goodin
- 10:50 **Scale Dependency of Pore Space and Its Impact on Flow Dynamics Within Carbonate Reservoirs:** P. Moore, J. Gully, S. M. Fullmer, C. I. Bachtel, A. Buono, B. Kelley, B. Rendall, S. VanSimaey
- 11:10 **Digging Beneath the Soil: Examining the Generation of Vuggy Porosity in Eogenetic Limestones by Organic Carbon Oxidation in Vadose Zones and Water Tables:** J. Gully, P. Moore, J. B. Martin, A. Brown, P. Spellman, J. Ezell
- 11:30 **Porosity in Vuggy Platform Carbonates Measured Over Six Orders of Magnitude:** A. Wahab, P. Enos, R. H. Goldstein\*

### Theme 1: Siliciclastics: Quantitative Reservoir Quality Prediction and Clastic Diagenesis (SEPM)

Room 360

Co-Chairs: A. Marchand, A. Ozkan and A. Thomas

- 8:00 **Introductory Remarks**
- 8:05 **Clastic Reservoir Quality Prediction Models: Past, Present and Future:** R. Lander, L. Bonnell
- 8:25 **Reservoir Quality Prediction in Frontier Basins:** A. M. Marchand, J. Koch, S. Paulson, L. Bonnell
- 8:45 **Geochemical Evaluation Mitigates Potential Productivity Loss in Gorgon Field, Offshore Western Australia:** A. R. Thomas, T. Dunn, W. Williams, A. Morrison, H. Riordan, R. Scheerhorn, J. Rivera, B. Lawrence
- 9:05 **Preservation of Reservoir Quality by Chlorite Grain Coats in High-Temperature Wilcox Sandstones, Rio Grande Delta System, Western Gulf of Mexico:** S. P. Dutton, W. Ambrose, R. G. Loucks
- 9:25 **Refreshment Break**
- 10:10 **Porosity Preservation in Deep, Hot Sandstone Reservoirs:** M. W. French, R. Worden
- 10:30 **Structural and Diagenetic Evolution of Deformation Bands in Contractional and Extensional Tectonic Regimes & Implications for Sandstone Diagenesis:** S. J. Elliott, C. O'Brien, P. Eichhubl

- 10:50 **Does Vertical Effective Stress Influence Quartz Cementation?:** O. J. Oye, A. C. Aplin, S. J. Jones, J. Gluyas
- 11:10 **Mechanical Compaction of Sand and Clay: Constraints From Experimental Compaction, Chemical Reactions and Fluid Flow During Burial – An Overview:** K. Bjørlykke, J. Jahren, N. Mondol, H. Hellevang, P. Aagaard
- 11:30 **Rapid Compactional Progression in Sand and Mud: Data From the Nicobar Fan, Indian Ocean:** K. Milliken, S. Bourlange, F. Chemale, T. Colson, M. Frederik, T. Henstock, T. Jeppson, M. Kuranaga, S. Kutterolf, H. Mukoyoshi, N. Nair, K. Pickering, H. Pouderoux, I. Song, I. Expedition 362 Scientists

### Theme 10: International Regions: Latin America (AAPG)

Room 351

Co-Chairs: U. Hernandez-Romano and V. Vega

- 8:00 **Introductory Remarks**
- 8:05 **Exploration Trends in Latin America:** C. E. Macellari
- 8:25 **Colombia Caribbean Basin: From a Frontier Area to a New Hydrocarbon Province:** M. Torres
- 8:45 **The Giant Perla Field: Discovery and Impact in the Western Caribbean:** M. Erquiaga Aguirre
- 9:05 **Peru, A High Potential Hydrocarbon Exploration Opportunity:** F. Seminario, P. Alarcon
- 9:25 **Refreshment Break**
- 10:10 **The Punta del Este Half Grabens, Offshore Uruguay: The Next Exploration Frontier in the South Atlantic:** O. R. Lopez-Gamundi, H. De Santa Ana, B. Conti
- 10:30 **Pemex and the Energy Reform: Experiences So Far and Perspectives in Exploration:** J. Escalera-Alcocer, U. Hernandez-Romano
- 10:50 **Digging Old Data to Drill New Wells:** M. Carminatti, O. da Cruz Pessoa Neto\*
- 11:10 **Exploration and Delineation of the Vaca Muerta Formation: Seven Years Sorting Out the Play:** C. Colo, J. L. Massafferro, I. Lanusse
- 11:30 **The Libra Block Project: Pre-Salt Southeast Brazil:** S. M. Anjos, K. Lewis, F. Borges

### Theme 5: Deepwater: Non-Turbidite Deepwater Units as Key Petroleum System Elements (SEPM/AAPG)

Room 342

Co-Chairs: F. Hernández-Molina, K. Ogata and D. Sawyer

- 8:00 **Introductory Remarks**
- 8:05 **Seismic Stratigraphic and Seismic Geomorphologic Case Study of Deep-Water Slope Deposits: Processes and Products:** H. W. Posamentier, T. Clark, J. Farrington
- 8:25 **Contourite Terraces: Sedimentary and Conceptual Implications:** F. Hernández-Molina, S. Campbell, G. Badalini, P. Thompson, R. Walker, M. Soto, J. Tomasini, A. Creaser, A. Thieblemont, L. Hyslop
- 8:45 **Diversity of Large-Scale, Deepwater Bed Forms in Mexico Offshore Areas: Neogene to Modern:** J. W. Snedden, J. Decker, E. Arce, D. Bate
- 9:05 **Discovery of Coarse-Grained Carbonate Drifts in the Maldives – Implications for Ancient Deposits:** T. Lüdmann, G. Eberli\*, C. Betzler, B. Nath, O. Bialik, J. Laya, A. Hui Mee, J. Reijmer, J. Reolid, A. Slagle, C. R. Sloss, Z. Yao, I. Participants
- 9:25 **Refreshment Break**
- 10:10 **Turbidite-Contourite Interactions on Continental Margins: New Insights From the Cretaceous Uruguayan Margin:** A. Creaser, F. Hernández-Molina, G. Badalini, M. Soto, P. Thompson, R. Walker, J. Tomasini



## Technical Program Tuesday

- 10:30 **Products of Slope Failure Processes as Potential Petroleum System Elements – Seismic Examples From Offshore Northwest Shelf of Australia:** N. Scarselli, K. McClay
- 10:50 **Influence of Substrate and Bathymetry on the Emplacement of Mass-Transport Complexes: Insights From the Magdalena Fan, Offshore Colombia:** A. Ortiz-Karpf, D. Hodgson, C. A. Jackson, W. D. McCaffrey
- 11:10 **Using Ultrahigh-Resolution 3-D Seismic Data to Better Delineate Mass-Flow Deposits Within Complex Salt Structures:** D. Dunlap, T. A. Meckel, N. L. Bangs, B. N. Brookshire
- 11:30 **Visualizing a Sub-Salt Field With Image Logs: Image Facies, Mass Transport Complexes and Reservoir Implications From Thunder Horse, Mississippi Canyon, Gulf of Mexico:** L. C. Henry, J. A. Wadsworth, B. Hansen

### Theme 11: Future of Energy: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (AAPG)

Room 332

Co-Chairs: W. Ambrose and D. Cook

- 10:05 **Introductory Remarks**
- 10:05 **Living on the Moon: Lessons for Mars:** W. Ambrose, B. Cutright
- 10:25 **Asteroid Mining: The State of the Industry and Our Future in Space:** D. J. Cook
- 10:45 **Water in the Asteroid Belt: Dawn Mapping of Vesta and Ceres:** P. Schenk
- 11:05 **OSIRIS-REx Asteroid Sample Return Mission:** K. Nakamura-Messenger, H. C. Connolly, S. Messenger, D. Lauretta

- 11:25 **The InSight Mission HP3 Experiment: The First Heat-Flow Determination on Mars and an Opportunity for Collecting Parameters for Use of Heat-Pumps on Mars:** P. Morgan

## Tuesday Morning Poster Sessions

### AAPG Additional Student Posters

Exhibition Hall D-E / 8:30 a.m.–12:00 p.m

Co-Chairs: A. Janevski and A. Sullivan

- 1A **Quantitative Characterization of Submarine Mass Transport Deposit (MTD) Top Surface Topography and Its Influence on "Healing Phase" Post-emplacement Sedimentation:** H. Deng, L. J. Wood, W. Zhou
- 1B **Impact of Petrophysical Properties on Hydraulic Fracture Analysis:** K. L. Seals
- 1C **Digital Outcrop Model of the Eagle Ford Group, Lozier Canyon, Terrell County, West Texas:** D. Davis, J. Laya\*, M. C. Pope, W. Ayers, B. Hart, A. D. Donovan
- 1D **Apatite Geochemistry and Detrital Zircon Application in Provenance Studies of the Modern Mississippi:** B. Gregory, A. Herrmann, P. D. Clift
- 1E **Petroleum Correlation in the Tampen Spur Area, North Sea: A New Approach from Molecular and Stable Carbon Isotopic Data of Light Hydrocarbons:** W. Murillo, A. Vieth-Hillebrand, B. Horsfield, H. Wilkes
- 1F **Morphological and Geological Characterization of Mass-Transport Deposits in the Deepwater Fold and Thrust Belt (DWFTB) of Offshore Malaysia:** H. Kobayashi, L. J. Wood, A. Aziz

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## Technical Program Tuesday

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- 2A Source Indicators to Unravel Mixtures of Oils in the South Viking Graben, North Sea: A Study Based on  $\delta^{13}\text{C}$  of Individual Hydrocarbons, PAHs and Sulfur Aromatic Hydrocarbons:** W. Murillo, B. Horsfield, A. Vieth-Hillebrand, H. Wilkes
- 2B Determining Paleoenvironmental Conditions of Late-Cambrian to Pennsylvanian Sediments From the Central Kansas Uplift Using Trace Element Analysis:** A. Christiano, H. Ali
- 2C Fundamentally Different Proximal and Distal Lobe Stacking Styles Within the Same Stratigraphic Interval: Upper Broto System, Jaca Basin, Spain:** D. Bell, D. Hodgson, I. Kane, C. Stevenson, M. Poyatos-Moré
- 2D Seismic Facies Classification and Characterization of Deep Water Architectural Elements. A Case of Study, North Carnarvon Basin Australia:** J. J. Tellez, R. Slatt, K. J. Marfurt
- 2E Incised Valleys in the Parkman Sandstone, Wyoming: New Sequence Analysis Opens Up New Exploration and Development Opportunities in the Powder River Basin.:** M. Steidtmann, A. Finley, L. J. Wood

### Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.*

*Co-Chairs: J. Francis and C. Sanchez*

- 2F Stratal Architecture and Stratigraphic Evolution of Ancient Mixed Siliciclastic-Carbonate Slope Deposits of the First Isaac Carbonate, Neoproterozoic Windermere Supergroup, Southern Canadian Cordillera:** L. Navarro, D. Cochrane, B. Arnott
- 3A Comparison of Stratigraphic Elements and Their Spatial Distribution in a Mixed Deep-Marine Continental Slope System, Windermere Supergroup, Canadian Cordillera, BC:** D. Cochrane, L. Navarro, B. Arnott
- 3B Controls on the Distribution of Intra and Post-Volcanic Sediments, West of Shetland:** J. Hardman, A. Hartley, N. Schofield, D. Jolley, S. Holford, D. Watson
- 3C Correlation of Faunally Poor Clastic Successions Using Heavy Minerals: An Example From the Triassic Skagerrak Formation of the Central North Sea:** I. P. Greig, A. Hartley, E. Gray, R. D. Burgess
- 3D Cenozoic Evolution of Siliciclastic Sediments and Implications for Hydrocarbon Prospectivity in Southwestern Barents Sea:** K. O. Omosanya, S. E. Johansen, D. Harishidayat, L. Samperi, G. Minelli, P. Abrahamson
- 3E Mixed Carbonate-Siliciclastic Systems: Dynamics and Controls, Eocene-Oligocene Browse Basin:** C. Sanchez, J. A. Covault, X. Janson, D. Dunlap
- 3F Depositional Process Controls on Mixed Siliciclastic-Carbonate Deep-Water Reservoirs: Middle Pennsylvanian Cherokee Group, Anadarko Basin, Texas Panhandle:** N. Hu, R. G. Loucks, G. Frébourg, J. A. Covault
- 4A Arid Continental Rift Systems: Exploration of the Rio Grande Rift Basin Complex:** L. Welcome, L. J. Wood
- 4B The Link Between Carbonates, Evaporites and Siliciclastics in Arid Rift Basins; El Qaa Fault Block, Suez Rift, Egypt:** M. Muravchik, R. Gawthorpe, I. Sharp
- 4C Mixed Carbonate and Siliciclastic Deepwater Systems Modified by Large-Scale Inflections in Slope Angle Below the Shelf Break:** G. S. Hurd, C. Kerans, N. Frost, T. Simo, X. Janson
- 4D Upper Ordovician Incised Valley (Karst) Fill Deposits of Central Missouri: A Reinterpretation of "Pennsylvanian Filled Sinks":** W. W. Little, A. D. Chapman, D. N. Meehan
- 4E Seismic Characterisation of "Prospect B": A Possible Carbonate Build-Up From the Late Syn-Rift (Barremian) of the Lüderitz Basin, Namibia:** N. Rochelle-Bates, M. Huuse, S. Schröder, G. Pritchard
- 4F Mixed Carbonates and Siliciclastics North of the Mahakam Delta, Offshore East Kalimantan, Indonesia:** A. Saller

- 5A Geodynamics and Synchronous Filling of Flexural Basins: The Northern Margin of the Levant Basin:** N. Papadimitriou, R. Deschamps, F. Nader, C. Gorini, V. Symeou

### Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.*

*Co-Chairs: T. Correa and C. Miller*

- 5B Element Geochemical Characteristics and Its Paleo-environmental Significance of Permian Carbonate in Khorat Basin, Thailand:** G. Du, H. Cang, S. Hu, P. Gao, R. Yu, C. Wu, Q. Cao, Z. Qi, M. Tong
- 5C Heterozoan, Biosiliceous and Organic-Rich Deposits of Jurassic (Oxfordian) Hanifa Formation, Saudi Arabia:** H. Eltom, E. C. Rankey, S. Hasiotis, L. Gonzalez, D. Cantrell
- 5D Identification of OAE1B on the Comanche Shelf, Central Texas and Implications for the Impacts of OAE on Shallow Water Carbonate Depositional Systems:** R. Forkner, C. Kerans, H. Rowe, M. L. Dykstra, A. Bowman, O. Varol
- 5E Re-defining Depositional Model of the Buda Formation Utilizing Outcrops From West Texas and Cores From South and Central Texas:** X. Zhang, M. C. Pope
- 5F The Terrestrial-Marine Transition in the Phosphoria Rock Complex of the Bighorn Basin, Wyoming:** E. J. Matheson, T. D. Frank
- 6A Sedimentary Dynamics and High-Frequency Sequence Stratigraphy on the Slope of Great Bahama Bank:** M. Wunsch, C. Betzler, G. Eberli, S. Lindhorst, T. Lüdman
- 6B Recent Carbonates-Evaporites of Southern Arabian Gulf: An Analogue to the Jurassic Reservoirs Peri-Tidal and Evaporite Cycles of Arabian Basin:** A. S. Alsharhan, T. De Keyser, C. G. Kendall
- 6C Gypsum Stromatolites From Sawda Nathil: A Geological Relict From Salinas Along the Fourth Coastline of Qatar:** C. J. Strohmenger, J. Jameson
- 6D Salina Group Lithofacies in the Michigan Basin: Development of an Improved Depositional Model From Core Analysis:** P. J. Voice, W. B. Harrison, A. H. Caruthers

### Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.*

*Co-Chairs: T. Correa and C. Miller*

- 6E Palaeogeographic Reconstruction and Hydrocarbon Reservoir Prediction Using Sedimentary Architectures of Different Carbonate Platform Margins: A Case Study of Carbonate Platform Margins in Feixianguan Period of the Early Triassic, Northeast Sichuan Basin, China:** F. Xing, Y. Lu, T. Guo, S. Li, S. Jiang, H. Hu
- 6F Comparing and Contrasting Controls on Sediment Patterns in Contemporary Isolated Carbonate Platforms as Analogs for Ancient Examples – Case Studies From South East Asia:** C. Teoh, G. Warrlich
- 7A Determining Lithologic Variations, Provenance and Depositional Environments of the Del Rio Formation in West Texas:** W. Ligon
- 7B Depositional Controls and Sequence Stratigraphy of Lacustrine to Marine Transgressive Deposits in an Active Rift Basin, Lower Cretaceous Bluff Mesa, Indio Mountains, West Texas:** A. T. Anderson, K. A. Giles, R. Langford
- 7C Lithofacies, Sequence Architecture and Petrophysical Characterization of the Lower Desert Creek Zone (Middle Pennsylvanian, Paradox Formation) in the Greater Aneth Field, Southern Paradox Basin, Utah:** C. J. Rinderknecht, S. Ritter, E. Gunnell, P. Nielsen



## Technical Program Tuesday

- 7D Grayburg Formation Reservoir-Scale Architecture and Sequence Stratigraphy, Permian Basin:** R. Lindsay
- 7E Equatorial Atolls of Republic of Kiribati (Equatorial Pacific): Impact of Physical and Chemical Oceanographic Processes on Sedimentology and Geomorphology:** E. C. Rankey, T. Uriam
- 7F Depositional Setting and Reservoir Quality of the Lockhart Limestone (Lower Paleocene) in the Hazara-Kashmir Basin (Northwest Lesser Himalayas, Pakistan):** N. Ahsan, M. M. Shah

### Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems III (SEPM)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m*

*Co-Chairs: T. Correa and C. Miller*

- 8A Evolution of Halokinetic Sequences Adjacent to the Pine Ridge Salt Diapir, Paradox Basin, Southeast Utah: Implications for Salt Controlled Development:** C. Fountain, B. Trudgill
- 8B The Upside Potential of the Early Miocene Kujung-1 Carbonate, Offshore East Java, Indonesia:** R. Fifariz, M. Setiawan, X. Janson, C. Kerans, S. Thoha
- 8C Upper Permian Reef and Shelf Facies of the Southern Margin of the Yangtze Platform, South China Provide Insight Into Reef Ecology and Environments Prior to the End-Permian Mass Extinction:** S. Thorne, D. Liu, E. Hartson, C. Kelleher, X. F. Li, W. Foster, J. L. Payne, D. Lehrmann
- 8D Pisolite Facies in the Wuchiapingian Isolated Reefs of Western Poland:** T. M. Peryt
- 8E Stratigraphic Model for Lower and Upper Cretaceous Strata of the East Texas Basin – Constraints From Core, Wireline-Log and 2-D Seismic Data:** P. Soto-Kerans
- 8F A Predictive Model of Dolomitization and Its Control on Reservoir Quality and Seismic Attributes in the Viola Formation, Morrison Northeast Field, Clark County, Kansas:** A. Linares, M. Totten, A. Raef, A. Vohs
- 9A Preliminary Chemostratigraphic Record for the Devonian Three Forks Formation and Associated Units, North Dakota:** H. Rowe, E. Sivil
- 9B Successful Horizontal Well Placement With Limited Data Control in the Deep Toarcian Age Carbonate Reservoir of North Kuwait: A Case Study:** C. Pattnaik, V. Kidambi, N. Rao, N. Al-Ajmi, B. Al-Qadeeri, S. Al-Haidar, Q. Dashti
- 9C Sediment Transport Controls Ooid Growth:** E. Trower, M. P. Lamb, J. P. Grotzinger, M. Cantine, S. O'Reilly, W. W. Fischer

### Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing and Other Oil Recovery Best Practices (DEG)

*Exhibition Hall D-E 8:30 a.m.–12:00 p.m*

*Chair: S. Nwoko*

- 9D Evaluation of Earthquake Potential Associated With the Injection of Wastewater Disposal Wells in Shale-Gas Reservoirs, Oklahoma, USA:** K. F. Umbarger
- 9E The Influence of Wastewater Injection Wells on Induced Seismicity in the Denver Basin Combined Disposal Zone, Weld County, Northeast Colorado:** M. R. Brown, S. Ge, A. F. Sheehan
- 9F Multidisciplinary Characterization of Geomechanical Properties and Flow Behavior of the Coupled Arbuckle-Basement System, Payne County, Northern Oklahoma:** G. Machado, G. Hickman, M. Gogri, M. J. Pranter, K. J. Marfurt, Z. A. Reza
- 10A Identifying Areas at Risk for Injection-Induced Seismicity Through Subsurface Analysis: An Example From Southern Kansas:** J. C. Jennings, T. S. Bidgoli

- 10B Properties of High-Pressure Gas Flows Near a Wellbore in a Fractured Well During Well Test:** H. Jiang
- 10C Fluid Injection and Earthquake Size in Faulted Reservoirs:** M. Babazadeh, J. E. Olson, R. A. Schultz
- 10D Re-Examination of the Wellbore Mechanics Basis for Interpreting Leak-off Tests – Impacts on Stress State and Pore Pressure Determinations:** K. M. Alruwaili, G. D. Couples\*, J. Ma

### Theme 7: Energy & Environment: Reclamation and Greenhouse Gas Sequestration Techniques and Best Practices

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m*

*Chair: S. Nwoko*

- 10E Predicting the Potential for Fluid-Induced Fault Reactivation: An Example From Wellington Field, Sumner County, KS:** D. R. Schwab, T. S. Bidgoli\*, M. H. Taylor, L. Stearns
- 10F Permeability Prediction and Distribution in the Confined South Georgia Rift Red Beds With Implications for CO<sub>2</sub> Storage:** O. M. Akintunde, C. Knapp, J. H. Knapp
- 11A Onshore/Offshore Carbon Sequestration in the Southeastern United States:** C. Knapp, J. H. Knapp, O. M. Akintunde, D. Brantley, V. Lakshmi, K. Almutairi, D. Almayahi, A. Alshammari
- 11B Offshore CO<sub>2</sub> Storage in Continental Shelf Stratigraphy – Global Research Needs, Storage Potential and Technical Challenges:** E. Beckham, R. H. Trevino, T. A. Meckel, S. Hovorka
- 11C Experimental Investigation Into Fracture Closure in Caprocks in CO<sub>2</sub> Storage Reservoirs:** T. O. Lynch, H. Al-Hajri, Q. Fisher
- 11D Evidences of Localized CO<sub>2</sub>-induced Diagenesis in the Cretaceous Quantou Formation, Southern Songliao Basin, China:** K. Xi, Y. Cao, H. Hellevang
- 11E Earth Stress and Seismic Hazard From the Size-Frequency Distribution of Seismic Events:** S. Williams-Stroud, G. Yielding

### Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m*

*Co-Chairs: T. Dooley and F. Peel*

- 12A Bucket Welding: Where Does All That Salt Go?:** T. P. Dooley, M. Hudec
- 12B The Structural Evolution of Hamilton Creek/Dry Creek Anticline and Its Relationship to the Southeast Termination of Paradox Valley, Southwest Colorado:** E. P. Wilson, B. Trudgill
- 12C The Temporal and Lateral Facies Variability and Internal Geometries of Syn-Rift Salt: Insights From the Early Mesozoic Orpheus Rift Basin, Offshore Eastern Canada:** B. R. Hanafi, M. O. Withjack, R. Schlische
- 12D Stress, Deformation and Failure Associated With Salt-Sheet Emplacement:** M. Nikolinakou, M. Heidari, M. Hudec, P. B. Flemings
- 12E Forward Hydro-Mechanical Modeling of a Rising Salt Diapir Considering the Effect of Basin Sand Layers:** M. Heidari, M. Nikolinakou, M. Hudec, P. B. Flemings
- 12F Jurassic Gravitational Shelf Spreading in the Western DeSoto Canyon Salt Basin, Mobile, Viosca Knoll and Destin Dome Areas, East-Central Gulf of Mexico:** J. Pashin, G. Jin, D. Hills, J. Meng
- 13A The Kuqa Fold-and-Thrust System: Geometry of a Deformed Multilayered System Involving Coal and Salt Décollements:** E. Izquierdo, O. Pla, E. Roca\*, Y. Neng, J. Muñoz, S. Huang, M. G. Rowan, O. Ferrer
- 13B Geomechanical Forward Modeling as a Trap-Seal Risking Tool in Rifted Margin Salt Tectonics: Applications in a Layered Evaporite Sequence (LES), Red Sea:** R. Goteti, S. Agar, J. P. Brown, H. J. Sibon, B. M. Tulbah

## Technical Program Tuesday

\* denotes presenter other than first author

- 13C High-Resolution Multibeam Reveals Surficial Character of the Perdido, Mexican Ridges and Campeche Fold Belts; Deep Water Mexican Gulf of Mexico:** P. Teas, D. Orange, J. Decker, K. Brumley
- 13D Role of Supra-Salt Decoupling on Mesozoic Graben Formation in the United Kingdom Southern North Sea:** R. J. Grant, J. R. Underhill, R. Jamieson, R. M. Williams
- 13E Evaluating Exploration Potential of Suture Zones or Encased Minibasins Using an Outcrop Example From the Neoproterozoic Patawarta Salt Canopy, Central Flinders Ranges, South Australia:** R. A. Kernen, K. A. Giles, M. P. Fischer, S. Giles, A. Lehrmann, M. G. Rowan
- 13F From Outcrop to Reservoir: Improving Exploration in Diapiric Provinces:** E. Saura, J. Verges, M. Moragas, E. Casciello, G. Casini, Y. Almar, Y. Poprawski, J. Martin-Martin, G. M  ssager, D. Hunt
- 14A Raft-Related Structures of the Albian Madiela Formation, Offshore South Gabon:** V. M. Moore, R. H. Blanchard
- 14B The Origin of Salt-Encased Sediment Packages: Observations From the Southeast Precaspian Basin (Kazakhstan):** N. Fernandez, O. B. Duffy, M. Hudec, M. Jackson, G. Burg, C. A. Jackson, T. P. Dooley

### Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m*

*Co-Chairs: J. Gale and R. Goteti*

- 14C New Type of Kinematic Indicator in Bedding-Parallel Veins and Vertical Fracture Abundance and Timing in Vaca Muerta Formation, Argentina:** E. Ukar, R. G. Lopez, A. Fall, R. Manceda, J. Gale, S. E. Laubach
- 14D Distribution of Natural Deformation in Organic-Rich Petroleum Systems: Reservoir Implications From Outcrop Analysis, Turonian Second White Specks Formation, Highwood River, Southwest Alberta:** B. Komaromi, P. K. Pedersen, P. MacKay
- 14E Direct Computation of the Oda Fractured Rock Mass Permeability Tensor From Digital Outcrop Datasets:** T. D. Seers
- 14F Modeling the Effect of Borehole Orientation on Stereonets:** C. R. Berg
- 15A The Impact of Inheritance on the Architecture of Natural Fracture Networks – A Multi-Scale Study From Southeastern Australia:** A. Samsu, A. Cruden, M. Hall, S. Micklethwaite
- 15B Fracture Systems Prediction for Exploratory Prospects Using Multiscale Data Integration - Application in a Mesozoic Carbonate Reservoir in the Southeastern of Mexico:** C. Prieto-Ubaldo, M. Hernandez-Padilla, L. Velazquez-Contreras, R. Sanchez-Arriaga, C. Olivares-Paniagua
- 15C Timing of Opening and Cementation of Bedding-Parallel and Vertical Fractures, Vaca Muerta Formation, Argentina:** A. Fall, E. Ukar, R. G. Lopez, J. Gale, R. Manceda, S. E. Laubach
- 15D Geometries, Structures and Petrography of Tumey Injection Complex, California (USA):** G. Zvirtes, A. Hurst, R. Philipp, G. Palladino, A. Grippa
- 15E Mechanical Stratigraphic Controls on Natural Fracture Spacing and Penetration:** R. N. McGinnis, D. A. Ferrill, A. Morris, K. Smart, D. Lehrmann
- 15F Using Structural Restoration Techniques and Strain Tracking to Predict Fracture Distributions:** C. Luneburg
- 16A Investigating the Effect of Deformation on Hydrocarbon Retention in Shale Plays:** A. Getsinger, S. Naruk
- 16B Counter-Regional Detachment Structures in Southwestern Pennsylvania, Central Appalachian Basin: Implications for Marcellus Shale Gas Exploration and Production:** D. Gao
- 16C Borehole Image Based Aperture Characterization to Identify Primary Versus Secondary Fracture Opening:** K. Ghosh, N. Harvey, R. Gales
- 16D Mapping Reservoir Stress Conditions Using Hydraulic Fracturing Microseismicity:** O. J. Teran

- 16E Characterization of Microseismic-Derived Discrete Fracture Networks Through Topological Approaches:** A. M. Baig, T. Urbancic, E. P. Ardakani, L. Smith-Boughner

### Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m*

*Co-Chairs: F. Lin and G. Sulistyo*

- 16F Petroleum Resource Assessment Through Classifying Hydrocarbon Migration Stages and Their Associated Accumulation Types:** J. Liu, Y. Zhao, B. J. Katz
- 17A Predrill Prediction of Proximal Charge From a Dry Hole: An Example From the Barents Sea:** J. Chao, R. Lishansky, S. Feiner, W. Phiukhao, D. L. Hall, B. Bennett, D. Wavrek
- 17B The Influence of Regional Uplift and Exhumation Upon Paleo and Active Petroleum Systems, Libya:** R. Aboushoug, D. Boote, A. Gudmundsson, A. Dardour
- 17C The Helium System: A Modification of the Petroleum System for Inert Gases:** B. McDowell, A. V. Milkov, D. S. Anderson
- 17D Our Current Working Model for Unconventional Tight Petroleum Systems: Oil and Gas:** S. Sonnenberg, L. Meckel
- 17E Source Rock of Woodford Tight Oil Play on the Cherokee Platform (Oklahoma):** T. Wang, L. Liu, M. Liu, P. Philp
- 17F Petroleum Geochemistry of Woodford-Sourced Oils From the Mid-Continent Region, USA:** J. E. Zumberge, J. B. Curtis\*
- 18A Inorganic Elemental Analysis of Woodford and Mississippian Mudrocks: Implication for Petroleum Systems Analysis:** R. Wilcoxson, I. Al Atwah, J. Pantano, F. Marcantonio
- 18B Utilizing HHXRF to Assess Variable Bottom Water Anoxia Within the Late Devonian Woodford Shale in the Arkoma Basin, Southern Oklahoma:** B. W. Turner, R. Slatt
- 18C Fine-Scale Spatial Distribution of Organofacies in the Mowry Shale, Wind River Basin, Lander, Wyoming:** T. Tuttle, S. M. Hudson, S. Steed, T. Duncan, N. Shepard, J. Klimek
- 18D Deciphering Interplay of Tectonism and Redox Conditions on Temporal Variation in Total Organic Carbon Content in the Marcellus Shale: Evidence From Multiple Geochemical Proxies:** R. Chen, S. Sharma
- 18E Thermal Maturity Assessment for Source Rock and Producing Fluid in the Eagle Ford Shale:** X. Sun, T. Zhang, D. A. Enriquez
- 18F Methane Re-Saturation in Barnett Shale Core Plugs and Determination of Post-Coring Gas Loss:** D. A. Enriquez, T. Zhang
- 19A Lead Isotope Analyses of Crude Oils and Their Source Shale Beds Could Prove Useful in Determining the Time of Formation of Oil:** S. Chaudhuri, D. Ramirez-Caro, M. Totten, H. Alvarez, G. Riepl, J. Miesse, S. Kirkwood, G. Sandlin, M. Granet, B. Reitz, M. Spaid-Reitz

### Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m*

*Chair: M. Abrams*

- 19B Integrated Multidisciplinary Workflow for Shale Play Characterization: Towards Selecting Best Landing Points in the Vaca Muerta Formation, Neuquen Basin, Argentina:** J. Mathieu, J. Leduc, J. Pelletier, S. Vidal-Gilbert, K. Su, M. Raverta
- 19C Pore Systems in a Volcanogenic-Grain-Bearing Mudrock: The Jurassic-Cretaceous Vaca Muerta Shale of Argentina:** R. M. Reed, K. Milliken, C. J. Lipinski, J. W. Bishop
- 19D Advanced Mud Gas and Fluid Inclusion Analysis—Vaca Muerta Horizontal, Argentina:** D. L. Hall, M. Fasola, D. Strapoc



## Technical Program Tuesday

- 19E** **Hydraulically Induced Fracturing Response of the Vaca Muerta Formation From Borehole-Based Microseismic Monitoring and Subsequent Single-Well Moment Tensor Analysis:** S. Hanson-Hedgcock, J. Rutledge, J. Le Calvez, R. Sarmiento
- 19F** **Comparison of the La Luna Formation Unconventional Resource Shale in Middle Magdalena Basin, Colombia and Lago de Maracaibo Basin, Venezuela:** E. J. Torres, A. Liborius, R. Slatt, P. Philp
- 20A** **An Emerging Vaca Muerta Formation Unconventional Development, Sierras Blancas and Cruz de Lorena Blocks, Neuquen Basin, Argentina:** M. A. Thomas, B. Williams, E. Kruijs, V. Jain, T. Chen, O. Davogustto, J. Kato
- 20B** **Chemostratigraphic Characterization of the Vaca Muerta Formation in the Neuquén Basin, Argentina: Implications for Depositional Environment and Stratigraphic Distribution of Hydrocarbon Play Elements:** R. D. Wilson, R. Locklair, E. G. Pelegri, H. M. Reijenstein, C. J. Lipinski, I. N. Noguera, M. Fantin, C. N. Larriestra
- 20C** **Investigating the Effect of Thermal Maturity on Geomechanical Properties in Shale Reservoirs: An Example in Upper Devonian Duvernay Formation, Western Canada Sedimentary Basin:** T. Dong, N. Harris
- 20D** **Mineralogical and Petrophysical Characterization of the Reservoir Facies of Doig Formation in British Columbia, Triassic of Western Canada Sedimentary Basin:** P. Lacerda Silva, M. Bustin
- 21A** **Regional Scale Reservoir Characterization and Thermal History of Upper Devonian Organic-Rich Shales in the Horn River and Liard Basins and Adjacent Western Alberta:** T. Wilson, R. Bustin
- 21B** **Experimental Workflow Applied to Marine Source Rocks Sampled in the Montney-Doig Formations of the Western Canada Sedimentary Basin:** W. Sassi, E. Bemer, M. Fleury, G. Berthe, M. Romero-Sarmiento, T. Euzen
- 21C** **High Resolution Stratigraphic Variability in Black Shale Geochemistry: Horn River Group, British Columbia:** N. Harris, T. Dong, K. Ayranci
- 21D** **TOC Distribution and Prediction in the Vaca Muerta Formation, Neuquén Basin, Argentina:** M. Tenaglia, R. Weger, G. Eberli, L. E. Rueda Sánchez, L. Rodriguez Blanco, P. Swart
- Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)**  
*Exhibition Hall D-E / 8:30 a.m. - 12:00 p.m.*  
*Chair: S. Haq*
- 22A** **Subsalt Imaging: An Integrated Approach to Image Improvement of Vintage Data:** E. Owah, C. Rivera, M. Lahmi, M. Courbe
- 22B** **Subsalt 3-D Modeling and HC Reservoir Prediction With Scarce 2-D Seismic Datasets: Can We Obtain Reliable Results?:** T. Fedchenko, O. Petrovskyy, A. Y. Trachuk, O. Onyschuk
- 22C** **Key Technologies for Processing of Seismic Data in Gas Cloud Area:** X. Tongxing, M. Jun, L. Lei, Z. Xuefeng, L. Hongxing, L. Xuetong
- 22D** **Stratigraphic Reanalysis of Seismic Data of Northern Brooks Range Alaska: Comparison of Unit Volumes and Slopes:** C. Ramon Duenas, P. A. Emmet, J. S. Wellner
- 23A** **Sequence Stratigraphic Boundary Delineation Based on Adaptive Seismic Decomposition:** F. Li, R. Zhai, J. Qi, S. Verma, B. Zhang, K. J. Marfurt
- 23B** **Ocean Bottom Seismic Inspires Major Structural Update at South Arne Field, Danish North Sea:** M. Rosengreen, C. Schjøtt\*, O. Vejbaek, G. Aage, C. Andersen
- 23C** **Volumetric Fault Imaging Based on Seismic Geometry Analysis:** H. Di, G. AlRegib
- 23D** **Interpreter-Assisted Interactive Delineation of Salt Domes Using Phase Congruency and Gradient of Texture Attributes:** M. Shafiq, H. Di, Y. Alaudah, G. AlRegib
- 23E** **An Improved Seismic Coherence Technology for Characterizing Faults:** J. Yu, Z. Li
- 24A** **A Seismic Method for Estimating Subsurface Vp/Vs Ratio Based on Converted Waves: A Case Study From Arabian Gulf:** H. Guo, Y. Sun, Z. Wan
- 24B** **The Research of Hydrocarbon Accumulation Regularity of the Sandy Conglomerate in Haiwaihe Nearshore Submerged Fan:** L. Cao, L. Yu, H. Chen, R. Fan, Y. Meng, Y. Du, H. Liu, X. Dong
- 24C** **Quantitative Description of Different Facies Belts of Paleogene Volcanic Rocks in BZ349 Oilfield, Bohai Bay Basin:** W. Shaopeng, H. Zijun, L. Wenchao, G. Wei, C. Yueqian
- 24D** **Multi-Scale Fault Interpretation in the Mississippian Lime:** J. Qi, F. Li, X. Qi, G. Machado, K. J. Marfurt
- Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)**  
*Exhibition Hall D-E / 8:30 a.m. - 12:00 p.m.*  
*Co-Chairs: K. Bradford and R. Wiener*
- 24E** **Attribute-Assisted Interpretation of Fractured Vuggy Carbonate in the Tarim Basin:** J. Qi, H. Gu, K. J. Marfurt
- 24F** **High-Resolution Sequence Architecture and Seismic Sedimentology Interpretation of Fan Delta:** D. Xiao
- 25A** **Enhancing Seismic Data Resolution With Multi-Attribute Analysis Using Both Well Log Data and Seismic Data – A Case Study:** K. R. Fernando
- 25B** **Looking for Seismic Facies Expression of Fault and Related Deformation Zones in 3-D Seismic Volumes:** D. Iacopini, R. W. Butler
- 25C** **2-D Seismic Reflection Imaging of the Bennett Thrust Fault in the Indio Mountains of West Texas:** A. Vennemann, M. Karplus, G. Kaip, S. Harder
- 25D** **Integrating Sedimentology and Quantitative Rock Physics for Reservoir Characterization and Modeling in Field Development: A Case Study of an Onshore Field in Niger Delta, Nigeria:** E. Benard, T. Gbadamosi, S. Okujagu, K. Akpara, C. Onyeukwu
- 25E** **Investigating the Deep Structure of Igneous Basement Beneath a CCS Site, Illinois Basin:** K. Smith, R. Keach, J. McBride, H. E. Leetaru
- 25F** **Optimizing Subsurface Predictions With Limited Capital Investment:** P. Bauman, C. Barton, T. Haglund
- 26A** **3-D-Basin Modeling of the J Block of Da'an Oilfield Under the Control of Terminal Fan:** Y. Duan, J. Xie, J. Zhang, X. Zhao, B. Li
- 26B** **A Method to Interpret Cycle Stratigraphic Framework at Wireline Log-Resolution Using Seismic Data:** H. Zeng
- 26C** **Development of an Early Miocene Carbonate Formation From Integrated Well Data, Modern Analogs and Geophysical Information: Case Study From Baturaja Formation, South Sumatera Basin, Indonesia:** M. Suardana, M. E. Everett
- 26D** **Investigation Up-scaled Petrophysical Measurements Using Several Micro-Level Field-Of-View (FOV) Petrographic Images on Kapuni Group in Maui Sub-basin, Taranaki Basin, New Zealand:** A. Alhakeem, K. Liu, W. H. Al-Bazzaz
- 26E** **The Study of the Influence of Stratigraphic Structure on Seismic Attribute Analysis:** Z. Xuefeng, M. Jun, L. Jianhui, Z. Jianke, H. Jing
- 26F** **Geophysical Characterization of Carbonates Reservoir Using Advanced Interpretation Techniques: Applications to Abenaki Formation, Penobscot Block, Nova Scotia:** D. Coronel, E. Villamizar, E. J. Illidge, S. Khurama

## Technical Program Tuesday

\* denotes presenter other than first author

### Tuesday Afternoon Oral Sessions

#### Theme 6: Unconventional: Emerging and Mature North American Plays (EMD/AAPG)

General Assembly A

Co-Chairs: L. Canter and S. Gaswirth

- 1:15 **Introductory Remarks**
- 1:20 **Identifying Remaining Bakken/Three Forks Prospects Using Geologic, Engineering and Dynamic Well Spacing Data:** M. Roth, M. Roth
- 1:40 **Source of STACK & SCOOP Fluids: Evidence From Fluid Inclusions:** J. Chao, P. Philp, B. Bennett, D. L. Hall\*, W. Phiukhao, S. Feiner, R. Lishansky
- 2:00 **Depositional Interpretation and Sequence Stratigraphic Control on Reservoir Quality and Distribution in the Meramec STACK Play: Anadarko Basin, Oklahoma:** B. Price, A. Pollack, A. Lamb
- 2:20 **The Latest Scoop: Investigating the SCOOP/STACK Trend Using Geological, Geochemical, Economic and Financial Analysis:** D. Yee, G. Johnston, S. Ahmed, D. Howard
- 2:40 **Refreshment Break**
- 3:25 **Characterization and Correlation of the Kreyenhagen Formation in the Northern San Joaquin Basin, California: A Chemostratigraphic Perspective:** N. Martinez-Kulikowski, A. Wright, G. Pyke
- 3:45 **Characterization and Integration of the Ellenburger, Viola and Barnett Sections in the Northern Fort Worth Basin: Thoughts on Flow of Water From the Ellenburger Into Barnett:** R. G. Loucks, D. Hull, H. Rowe, R. M. Reed
- 4:05 **Compositional and Sedimentary Fabric Control on Hydraulic Fracture Stimulation, Tight Light Oil Sandstone Reservoirs of the Cardium Formation, Western Alberta, Canada:** D. W. Hill, P. K. Pedersen\*
- 4:25 **The Montney Turbidite Complex of Northwest Alberta and Northeast British Columbia: Evolution of an Oil and Gas Play From Conventional to Unconventional:** R. Sereda

#### Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42 II

General Assembly B

Co-Chairs: R. Sarg and L. Wood

- 1:15 **Introductory Remarks**
- 1:20 **Carbonate Sequence Stratigraphy – An Historical Perspective:** R. Sarg
- 1:40 **Carbonate Sequence Stratigraphy – First Principles Accommodate the Unruly Carbonate System:** G. Eberli
- 2:00 **Build-and-Fill Stratigraphic Sequences in Carbonates:** E. K. Franseen, R. H. Goldstein
- 2:20 **Chemical Diagenesis and Biota in Stratigraphic Context: The Phosphoria Rock Complex (Permian), Rocky Mountain Region USA:** M. Pommer, R. Sarg
- 2:40 **Refreshment Break**
- 3:25 **Advances in Seismic Stratigraphy of Carbonate Platforms and the Importance of Integrated Interpretation Using Time- / Depth-slice and Well Calibration Data:** S. Bachtel
- 3:45 **Sequence Stratigraphy and Modeling Carbonate Heterogeneity:** M. Mutti, F. Amour
- 4:05 **Ancient Processes in Modern Data: Quantitative Seismic Geomorphology for Evaluating the Sedimentary Processes That Characterize the Ancient Earth:** L. J. Wood

- 4:25 **Combining Full-Volume 3-D Seismic Interpretation With Quantitative Seismic Geomorphology and Modern Process-Based Analogue Databases: The Next Generation Tools for Stratigraphic Analysis and Reservoir Characterization:** J. Bourget, B. Vakarelov, B. Ainsworth, V. Paumard, S. Lacaze
- 4:45 **Predictive Stratigraphic Methods and Their Development: New Global Geological Concepts Driven by Technology Advances:** O. J. Martinsen, A. Groth

#### DEG/EMD Forum: “The Next 100 Years of Global Energy Use: Resources, Impacts and Economics”

General Assembly C

Co-Chairs: S. W. Tinker and W. Camp

- 1:15 **Introductory Remarks**
- 1:20 **Global Population, Energy Demand and Future Technology:** Steven E. Koonin, Professor of Information and Director, NYU Center for Urban Science and Progress, New York University
- 1:45 **Global Petroleum Resources and Transportation Fuel Options:** Cindy Yeilding, Senior Vice President, BP America
- 2:10 **The Global Power Fuel Mix and the Carbon Transition:** Mark A. Snell, President of Sempra Energy
- 2:35 **Atmosphere, Air, Land, Water and Energy Density:** Jesse H. Ausubel, Director of the Program for the Human Environment and Senior Research Associate, Rockefeller University
- 3:00 **Energy Diversity, Carbon Tax and Economic Realities:** Kenneth B. Medlock III, Senior Director, Center for Energy Studies, Baker Institute for Public Policy, Rice University
- 3:25 **Global Energy Security and Poverty:** Scott W. Tinker, Director, Bureau of Economic Geology, The University of Texas at Austin
- 3:50 **Panel Discussion**

#### Theme 3: Geochemistry/Petroleum Systems: Risk Quantification Through Petroleum System Analysis (AAPG)

Room 370

Co-Chairs: M. Flannery and R. Patience

- 1:15 **Introductory Remarks**
- 1:20 **Hydrocarbon Migration Phenomena and Their Relation to Charge Efficiency: A Review:** T. Menotti, G. Muscio, Y. Zhao, B. J. Katz
- 1:40 **Probabilistic Hydrocarbon Migration Modeling in the Utsira High Area, Norwegian North Sea:** D. Mencaroni, A. Tømmerås, Ø. Sylta
- 2:00 **Analysis of secondary migration of hydrocarbons in the Ordovician Yingshan Formation in the Tazhong uplift, Tarim Basin, China:** Y. Xu, X. Pang, Y. Wang
- 2:20 **Minimize Exploration Risk: The Impact of Hydrocarbon Microseepage Surveys for Distinguishing Hydrocarbon-Charged Traps From Traps Without Hydrocarbons:** D. Schumacher
- 2:40 **Refreshment Break**
- 3:25 **H2S Risk Assessment at the Basin Scales:** X. Guichet, I. Kowalewski, M. Gasparrini, T. Euzen, P. Bachaud, N. Maurand\*
- 3:45 **Hydrogen Sulfide in the Permian Basin:** D. Xia, Z. He
- 4:05 **Application of Oil Gravity and Sulfur Content Relationships to Oil Typing and Source Rock Kinetics:** P. G. Lillis
- 4:25 **Risk Analysis in Unexplored Areas: Application of a Response Surface Model Based Tool on the Canadian Offshore:** A. Thebault, M. Callies, V. Gervais
- 4:45 **Constraints on Biogenic Gas Generation and Entrapment:** B.P. Wygrala, A. Bartha, J. Peng (Presented by T. Hantschel) Tuesday Afternoon Poster



## Technical Program Tuesday

### Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial, Fluvial and Aeolian (SEPM)

Room 361

Co-Chairs: C. Hern, J. Moody and A. Owen

- 1:15 **Introductory Remarks**
- 1:20 **Supply Dominated Fluvial Sequences: Implications for Sequence Stratigraphy in Continental Settings:** S. Connell, A. S. Madof, A. D. Harris
- 1:40 **The Role of Source-Area Climate and Weathering on Sedimentation Along the Paleogene Gulf Coast: Onshore Wilcox Group, Texas, USA:** A. Hessler, J. Zhang, J. A. Covault, W. Ambrose
- 2:00 **Quantification of the Geometry and Compartmentalization of Fluvial Meander-Belt Reservoirs: Empirical Insight From Ancient and Modern Analogs:** L. Colombera, N. P. Mountney, C. E. Russell, M. N. Shiers, N. Yan, J. M. Montero
- 2:20 **Fluvial Architecture and the (Mis)use of Lithostatigraphy in Actively Deforming Salt Basins: Chinle Formation, Paradox Basin, Utah:** A. Hartley, L. Evenstar
- 2:40 **Refreshment Break**
- 3:25 **Connecting the Backwater Dynamics of Large Rivers to the Composition and Shapes of Channel Belts in the Coastal Zone:** A. M. Fernandes, J. M. Martin
- 3:45 **Detrital Zircon U-Pb Geochronology of the Blackhawk-Castlegate Succession, Book Cliffs and Wasatch Plateau, Utah:** B. S. Pettit, M. Blum
- 4:05 **Facies-Specific Reservoir Rock Properties of a Back-Barrier Lagoon Deposit Interpreted From a Core-to-Outcrop Study in the Kaiparowits Plateau:** L. Stright, C. Johnson, W. Gallin, K. Dworsky, C. Johnson, T. Vanorio
- 4:25 **Fluvio-aeolian Interactions at a Sand-Sea Margin:** S. Fryberger, C. Hern\*, K. Glennie
- 4:45 **Exceptional Mechanisms for Preservation of Eolian Successions:** N. P. Mountney

### Theme 9: Geophysics: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)

Room 360

Co-Chairs: S. Getz and H. Zeng

- 1:15 **Introductory Remarks**
- 1:20 **Expanding the Use of Seismic Amplitude and AVO From Fluid Prediction to Stratigraphic Architecture Definition:** D. C. Parada, Y. Yusri, C. M. Fraticelli, S. Salamoff, H. S. Pettingill
- 1:40 **Integrated Analysis of Borehole Microseismic, Completion and Production Data to Characterize Reservoir Depletion and Determine Infill Well Spacing in Tight Sands:** Y. Chitrana, H. Patel, S. Scheibal, J. Williams
- 2:00 **A Multidisciplinary Workflow to Detect Fractures at Multiple Scales by Integrating Borehole Images, Core and Seismic Data, Case Studies From Saudi Arabia:** U. L. Haq, D. P. Taylor, Q. A. Mahmoud, O. W. Kharouf, P. D. Cortes, L. F. LaFreniere
- 2:20 **Joint Estimation of the Column Height and Reservoir Distribution by Integrating AVO-Inversion and Overpressure-Driven Seismic Velocities:** A. J. Velasquez
- 2:40 **Refreshment Break**
- 3:25 **Extrapolation of Reservoir Properties From Wells Using Depositional Environment Information From 3-D Seismic Data:** A. Ø. Madsen, A. W. Laake, N. Cooke
- 3:45 **Improving Tight Reservoir Definition Using Seismic Object Detection Within the Woodford Formation:** C. P. Ross
- 4:05 **Efficiently Integrating Seismic Data Into the Geosteering Process to Accurately Position Wells for Increased Production:** H. P. Chambers, K. Ball

- 4:25 **Use of Pore Pressure Modeling to Constrain Seismic Velocities:** J. Wendebourg, F. Lorant, F. Poeymarie
- 4:45 **Through the Seismic Looking Glass: Challenges of Using Reflections as Geomorphic Surfaces:** S. Connell, A. S. Madof

### Theme 10: International Regions: Europe (AAPG)

Room 351

Co-Chairs: J. Craig and F. MacAulay

- 1:15 **Introductory Remarks**
- 1:20 **The History of Oil and Gas Exploration and Development in the Wessex and Weald Basins, Southern England:** A. J. Fraser
- 1:40 **Exploration Revival From Multi-Vintage Diverse Source Dataset - Bay of Biscay:** H. Nicholls, L. Penn, R. Oldfield, N. Hodgson\*, M. Saunders, M. Cvetkovic
- 2:00 **Valencia Trough (Offshore Spain): Petroleum Systems and Play Types:** R. Di Cuia, A. Riva, A. Ricciato, M. Marian
- 2:20 **Salt Tectonics and Salt-Sediment Interaction Around the Bakio Diapir, Basque-Cantabrian Basin, Pyrenees:** E. Roca, M. Butillé, O. Ferrer, P. Arbués, M. G. Rowan, K. A. Giles, M. de Matteis, J. Muñoz
- 2:40 **Refreshment Break**
- 3:25 **Inception of the Continental Scale Danube River: On the Time of Its Arrival Into the Black Sea Basin as It Formed From Segmented Paratethyan Basins:** C. Olariu, C. Krezsek, D. Jipa
- 3:45 **Evolution of the Danube Delta and Deepsea Fan in the Black Sea:** H. R. Feldman, M. L. Sweet, J. C. Hagan, T. Garfield, B. Dennielou, G. Lericolais, K. Johnston, R. Aronoff
- 4:05 **Regional Crustal Structure and Heat-Flow Prediction of the Mediterranean Using Gravity Inversion:** A. Alvey, N. J. Kuszniir, A. M. Roberts
- 4:25 **Review of Mesozoic Exploration Plays in the Montenegro - Northwest Albania Segment of South Adriatic Basin:** Z. Bega, Z. Schleder
- 4:45 **Salt Tectonics of the Norwegian Barents Sea and the Northeast Greenland Shelf:** M. G. Rowan, S. Lindsø

### Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)

Room 342

Co-Chairs: T. Hearon and M. Rowan

- 1:15 **Introductory Remarks**
- 1:20 **An Overview of Allochthonous Salt Tectonics:** M. G. Rowan
- 1:40 **Exploration Ramifications of Bowl Weld Variances in the Northern Gulf of Mexico:** W. H. Hart, T. E. Hearon
- 2:00 **Structural Evolution of Encapsulated Oligocene Minibasins and Allochthonous Salt in the Northern Gulf of Mexico:** J. Neely, A. Mironova, T. E. Hearon
- 2:20 **Lateral Mobility of Minibasins During Shortening: Insights From the Southeast Precaspian Basin, Kazakhstan:** O. B. Duffy, N. Fernandez, M. Hudec, M. Jackson, G. Burg, T. P. Dooley, C. A. Jackson
- 2:40 **Refreshment Break**
- 3:25 **Influence of Deep Salt on the Style of Major Structures in Northeast Saudi Arabia:** S. Stewart
- 3:45 **Salt Tectonics in Fold and Thrusts Belts: Examples From the Zagros, Pyrenees and Kuqa Basin:** J. Muñoz, E. Roca, O. Ferrer, M. G. Rowan, E. Izquierdo, O. Pla, N. Carrera, M. Butillé, J. Mencos
- 4:05 **Tectono-Stratigraphic Development of Ramp Syncline Basins:** L. M. Pichel, F. J. Peel, C. A. Jackson, M. Huuse
- 4:25 **3-D Experimental Modeling of Megaflaps Developed During Differential Loading: Application to the Gulf of Mexico:** O. Ferrer, E. Roca, J. Muñoz, M. G. Rowan, N. Carrera, K. A. Giles

## Technical Program Tuesday

\* denotes presenter other than first author

- 4:45 **The Paradox Salt Basin, Utah and Colorado: Recognition of New Types of Salt Features and Their Impact on Salt-Related Traps:** K. A. Giles, T. E. Hearon, M. G. Rowan, R. Langford

### Tuesday Afternoon Poster Sessions

#### SEPM Student Posters II

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Co-Chairs: H. Harper and R. Sarg*

- 1A **Giant Foresets and Giant Sediment Waves in the Taranaki Basin, New Zealand.:** E. Dunlevy, M. Huuse, S. Flint
- 1B **Re-equilibration of Mg isotopes between calcite and dolomite during burial metamorphism: Outlook of Mg isotopes as geothermometer and seawater proxy:** Z. Hu, W. Hu, W. Li, X. Wang, Y. Lu
- 1C **Lithofacies Distribution of the Middle to Upper Devonian Ohio Shale in the Southern Appalachian Basin, Kentucky:** Z. Yawar
- 1D **Characteristics and Origin of Tight Oil Reservoir within the Middle Permian Lucaogou Formation of the Junggar Basin, Northwest China:** H. Wu, W. Hu
- 1E **Geomorphology Classification and Architecture Characterization of Braided River Reservoir: A Case Study From Guantao Upper Formation of Gudong Oilfield, Bohai Bay Basin, China.:** L. Kong, Z. Xu, M. Ostadhassan, C. Li
- 1F **Chemoprovenance of the Chattanooga and Woodford Shales of Oklahoma:** A. Basnett, D. Kerr

#### Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Co-Chairs: S. Fullmer and N. Hurley*

- 2A **Carbonate Pore System Characterization and Porosity Prediction Using Multi-Scale Data:** K. Nakamura, T. Sun, N. F. Hurley
- 2B **Morphological and Topological Characterization of Coquinas' Porous System Through X-ray Computed Tomography and Its Correlation With Depositional Cycles:** S. N. Tonietto, R. Surmas, M. L. Kern, M. C. Pope, C. P. Fernandes
- 2C **Permeability Estimation Based on Pore Characterization and Flow Modeling From Thin-Sections Image Analysis of Grain-Dominated Carbonates:** S. Peng, A. Hassan, R. G. Loucks
- 2D **Implications of Facies and Pore Architecture on NMR-Response in Carbonate Mudrock Reservoirs: Mississippian-Lime Play Case Study:** I. Bode-Omoleye, G. Grammer, C. Zhang
- 2E **Complex Carbonate Pore Systems of the Carboniferous Hodder Mudstone Formation, Bowland Basin, United Kingdom:** T. Ohiara, K. Taylor, P. Dowey
- 2F **Spectrum of Carbonate Nano- and Micropores and their Origin:** R. G. Loucks
- 3A **Flow Experiments on 3-D Printed Rock Proxies: Investigating Porosity-Permeability Relationships:** T. D. Jobe, S. Zhang, S. Agar, S. Ishutov, F. Hasiuk, S. Geiger, E. Mackay, F. Watson, R. Chalaturnyk
- 3B **Quantitative Microporosity Evaluation Using Mercury Injection and Digital Image Analysis in Tight Carbonate Rocks: A Case Study From the Ordovician in the Tazhong Palaeouplift, Tarim Basin, Northwest China:** J. He
- 3C **Insight on the Complexity of a Paleokarst Reservoir: Examples From a World-Class Outcrop Analogue (Southern Italy):** A. Riva, R. Di Cuia\*, R. Bitonte, P. Ferretto, A. MacDonal, S. Hegndal-Andersen
- 3D **Gravitationally Induced Fracture Systems in Rimmed Flat-Topped Carbonate Platforms:** C. W. Nooitgedacht, L. M. Kleipool, B. Andeweg, J. Reijmer

- 3E **Characterisation and Modeling of Fine-Grained Limestones: Lessons From Four Decades of Progress in Hydrocarbon Reservoirs:** M. Deville de Periere, A. Foote, P. Hayward\*
- 3F **Characteristics of Lower Palaeozoic Marine Carbonate Rocks in Dongying Sag, East Bohai Bay Basin:** X. Cheng, Y. Cao, G. Yuan, W. Jiang
- 4A **Integrated 3-D Seismic and Core Data for Characterization of Natural Fractures of the Hunton Limestone and the Woodford Shale in Central Oklahoma:** B. Milad, R. Slatt
- 4B **The Effect of Roughness of Pore Surfaces on Elastic Wave Velocity in Pore-Scale Modeling:** T. Li, R. Wang, Z. Wang
- 4C **An Improved Method to Discriminate the Carbonate Reservoir Types Combing the Empirical Model Decomposition and Energy Entropy Classification:** Z. Fan, J. Hou
- 4D **Characterization of Deep Tight Carbonate Gas Plays With an Integrated Interpretation - Case Study From North Kuwait:** J. D. Rao, S. Al Ashwak, M. Al-Dousiri, N. Rao, Q. Dashti, T. De Keyser, K. Cox
- 4E **Reservoir Characteristics, Formation and Gas Accumulation of Ordovician Ultra-Tight Paleokarst Carbonates in Eastern Ordos Basin, China:** G. Wang

#### Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Co-Chairs: T. Diggs, D. Nandy and A. Thomas*

- 4F **Improving Prediction of Porosity Preservation in Thermally-Stressed Deep Marine Sandstones: A Synthesis of Grain-Coating Chlorite Observations:** D. Yezerski, N. Shumaker
- 5A **Clay-Coated Sand Grains in Petroleum Reservoirs: Understanding Their Distribution Using an Analogue Holocene Estuarine Fill Succession:** L. J. Wooldridge, R. H. Worden, J. Griffiths, A. Thompson, J. E. Utley, R. A. Duller
- 5B **Predicting Clay Mineral Distribution in Sandstone Reservoirs Using an Analogue Holocene Estuarine Succession:** J. Griffiths, R. H. Worden, R. A. Duller, L. J. Wooldridge, J. E. Utley
- 5C **Origin of Chlorite Coating and Its Effect on Reservoir Quality of the Lower Tuscaloosa Sandstones at Cranfield Field, Mississippi, USA:** M. Kordi, W. Fisher, S. Hovorka, E. McBride, J. Lu
- 5D **Characterization of Properties in Deformation Bands:** A. Simone, L. Hathon, M. Myers
- 5E **Petrography, Fluid Inclusion, Isotope and Trace Element Constraints on the Origin of Quartz Cementation and Feldspar Dissolution and the Associated Fluid Evolution in Arkosic Sandstones:** G. Yuan, Y. Cao
- 5F **An Integrated Sedimentological and Geochemical Analysis of a Lacustrine Sedimentary Cycle in the Triassic Cow Branch Formation of the Dan River Basin:** S. Ritzer, B. Gill
- 6A **Chemostratigraphy, Mineral Association and Water Chemistry Modeling of the Green River Formation, Piceance Basin, Colorado: An Integrated Method to Unveil the Evolution of the Uinta Lake:** T. Wu, J. Boak
- 6B **Lithofacies, Diagenesis and Reservoir Quality Evolution of Wolfbone Sandstone-Siltstone Successions in the Delaware Basin, West Texas:** Z. Wang, M. Pan, Y. Shi, Y. Dong
- 6C **Constraining the Importance of Authigenic Carbonate in the Global Carbon Cycle: A Case Study From the Bakken Formation:** B. Barnes, J. M. Husson, M. G. Sliwinski, A. C. Denny, J. W. Valley, S. Peters
- 6D **Integrated Reservoir Characterization for Enhanced Oil Recovery, Tar Springs Formation, Illinois Basin, USA:** T. C. Henderson, J. Orr, C. Johnston, K. Ridgway, B. Clayton



## Technical Program Tuesday

- 6E Understanding Reservoir Properties of the Organic-Rich Qusaiba Shale, a Potential Shale Gas Reservoir, Northwest Saudi Arabia: An Outcrop Approach:** M. O. Abouelresh, L. Babalola, D. Boyde, K. Thomas, M. Omer

### Theme 1: Siliciclastics: Continental to Shallow Marine III: Aeolian to Shallow Marine (SEPM)

*Exhibition Hall D-E / 1:30 p.m. – 5:00 p.m.*

*Co-Chairs: P. Flaig and J. Klimek*

- 6F Sand Sheet and Protodune Development and Preservation in Aeolian Systems:** J. Phillips, R. Bowling, R. C. Ewing
- 7A Toward a Higher Resolution Understanding of Fluvial to Shallow Marine Clastic Reservoir Analogues as Resolved by GPR:** P. D. Duff
- 7B Morphologic and Hydrodynamic Controls on the Occurrence of Tidal Bundles in an Open-Coast Macrotidal Environment, Northern Gyeonggi Bay, West Coast of Korea:** K. Choi
- 7C Predicting the Distribution of Shallow Marine Facies Within Halokinetically Controlled Basins: Insights From the Upper Jurassic Fulmar Formation, UKCS:** J. Foey, S. M. Clarke, T. Randles, S. Banham, I. Stimpson
- 7D Analysis of Shallow Seismic Data for Improved Understanding of Sediment Geobodies:** L. Agostini, E. H. Zimmer\*, J. Howell, A. Hartley, N. Schofield, R. Gawthorpe
- 7E Evaluating the Application of Process-Based Models as Training Images for Multiple Point Statistics:** J. R. Mullins, J. Howell, H. van der Vegt, S. Buckley, J. Storms
- 7F Evolution and Origin of a Large Mud Diapir in the Wilkins Peak Member of the Green River Formation:** J. Klimek, S. M. Hudson
- 12E Re-Evaluating the Asymmetry of Subsurface Wave-Influenced Deltaic Systems:** zY. Li

### Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)

*Exhibition Hall D-E / 1:30 p.m. – 5:00 p.m.*

*Co-Chairs: C. Bartolini and L. Nguyen*

- 8A Two-Phase, Full-Fit, Triassic-Mesozoic Reconstruction of the Gulf of Mexico Basin, Its Continental Margins and Twin Salt Basins:** L. C. Nguyen, P. Mann
- 8B Upper Triassic-Middle Jurassic Strata of Plomosas Uplift and Sierra Samalayuca, Chihuahua, Mexico: Onshore Record of Syn-rift Gulf of Mexico Fault History:** T. F. Lawton, J. Pindell
- 8C Onshore Mature Field Rejuvenation on Golden Lane, Mexico: Reducing Cycle Time Through an Integrated Approach:** A. Oviedo-Perez
- 8D Structural Analysis of Upper Cretaceous Carbonate Reservoirs Using Curvature Attributes, Campeche Sound, Gulf of Mexico:** A. Cervantes Velazquez, M. J. Pranter, K. J. Marfurt
- 8E Calibrating Apparent Resistivity Traces, Lines and Volumes Derived From Lightning Strike Data in South Texas:** K. Haggard, L. J. Berent, L. R. Denham, H. R. Nelson, D. Northrup, R. C. Lewis
- 8F Integrated Reservoir Modeling for Water Flooding in Deep-Water, GOM:** M. Pittenger, S. Shalia, J. Delgado, M. Coral, S. Fletcher
- 9A Adopting improved well data standardization methods and workflows to reduce cycle time and risk in the Deepwater Gulf of Mexico Basin:** W. G. Price
- 9B Estimating Rates of Subsidence Using Sedimentation Over the Trinity River Incised Valley, Galveston Bay, Texas and the Potential Implications for Geohazards:** A. Pekowski, T. M. Dellapenna, C. Abdouch
- 9C Development of Middle Cretaceous Canyons in the Nova Scotian Margin: Significance/Nature of Gravity-Driven Deposits and Their Relationship With Slope Background Sedimentation:** J. Ochoa, L. G. Moscardelli
- 9D Structural Heritage and Salt Deposits Impact on the Sable Sub-basin Architecture:** D. Savva, F. Saint-Ange, L. Ducarme, B. Colletta, A. MacDonald, M. Luheshi, L. Cuilhe

- 9E Salt-Sediment Interaction in Sable Sub-Basin, Nova Scotia (Canada):** F. Saint-Ange, D. Savva, B. Colletta, L. Cuilhe, A. MacDonald, M. Luheshi

### Theme 1: Siliciclastics: Impact of Structures on Sedimentary Systems (SEPM/AAPG)

*Exhibition Hall D-E / 1:30 p.m. – 5:00 p.m.*

*Co-Chairs: A. Hartley and J. Pickering*

- 9F The Enigma of Missing Jurassic and Cretaceous Rocks - Episodic Deposition and Unroofing of the United Kingdom and Adjacent Continental Shelves During the Mesozoic and Tertiary:** S. D. Harker, D. Boote, L. Riley, P. Green, J. R. Underhill
- 10A Impacts of Regional Allogenic Forcing on a Single Depositional System: Example From the Sherwood Sandstone Group, United Kingdom:** O. Wakefield, E. Hough, J. Thompson, C. Cripps
- 10B Controls on the Distribution of Channel Sands in a Fluvial Fan System: The Effects of Tectonic Deformation and Discharge Variation on the Stratigraphic Architecture of the Brahmaputra Fan Delta:** J. L. Pickering, S. Goodbred, H. M. Rajapara, A. K. Singhvi
- 10C Rift Shoulder Erosion and Basin Deformation Associated With the Wichita Uplift (Mountain Front): Anadarko Basin, Oklahoma and Texas, USA:** T. P. Bulling, R. Marksteiner, K. Meisling, J. Koch, K. Koepke
- 10D Origin of Mound-Like Structures on the Outer Continental Shelf Off-Central Israel:** N. Waldmann, D. Schalev, O. E. Eruteya\*, O. Bialik, Y. Makovsky

### Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)

*Exhibition Hall D-E / 1:30 p.m. – 5:00 p.m.*

*Co-Chairs: C. Carvajal, B. Prather and B. Romans*

- 10E Application of 4-D Integrated Technologies to a Submarine-fan Channel System in the Niger Delta Basin: Insights Into the Reservoir Heterogeneity and Its Controls on the Fluid Flow During Development:** J. Zhang, S. Wu, P. Lin, S. Jiang
- 10F Continental Slope Evolution in Tertiary: Northwest Australia:** Z. Liu, L. J. Wood
- 11A Characterizing Deep-Marine Sedimentary Architecture: A Database-Driven Meta-Analysis Approach:** S. Cullis, L. Colombera, M. Patacci, W. D. McCaffrey
- 11B Strike-Slip Tectonic Controlled Deepwater Channel Sedimentation in Western Border of Kendeng Basin, Java:** Y. Bachtiar Muslih, F. Fahreza, D. Arrofi, D. Wicaksono, M. Togu Ebenz
- 11C Characterizing Deep-Marine Sediment Waves in the Northern Gulf of Mexico Using 3D Seismic Data:** M. Gani, Z. Wang\*
- 11D Tectonic Development, Sedimentation and Palaeoceanography of the Mozambique Channel During the Tertiary:** A. Thiéblemont, F. Hernández-Molina, F. Raison, C. Cazzola
- 11E Baiyun Deep-Water Fans in the Pearl River Mouth Basin, South China Sea: Architectures, Genesis Mechanism and Exploration Direction:** Y. Wang, D. Li, Q. Xu, Y. Wang
- 11F Macroscopic to Microscopic Criteria for Assessing Spatial Changes in Material and Bounding Surface Character of Mass-Transport Deposits and Implications for Seal Quality:** S. Cardona, L. J. Wood, M. Do
- 12A Seismic Facies Classification of the Internal Architecture of Mass Transport Deposits: Implication for Reservoir Seal Competence:** T. Omeru, J. Cartwright
- 12B The Potential Impacts of Substrate Erosion and Facies Heterogeneity of Blocky MTDs on Reservoir Volumes and Seal Quality: Insights From the Ventimiglia Flysch Formation (Eocene, Northwest Italy):** M. Marini, M. Patacci, F. Felletti, A. Decarlis, W. D. McCaffrey

## Technical Program Tuesday

\* denotes presenter other than first author

- 12C A Submarine Depositional System With Straight Channels and Slope Aprons: Niger Delta Continental Slope:** X. Zhao, L. Liu, N. Yan, S. Wu, G. Hu, W. D. McCaffrey
- 12D Primary Depositional Controls on Reservoir Architecture, Facies and Quality in Deepwater Wilcox Sands, Gulf of Mexico:** J. Kao, J. Wagner
- 13A The Upper Cretaceous Post Rift Petroleum Systems of the West African Transform Margin and MSGBC Basin (Benin to Mauritania), Learnings From the Past, the Present and the Identification of Future Plays:** S. Lake
- 13B Deep Lacustrine, Sand-Rich, Turbidite Fans: Elevated Heterogeneity and Evidence for Partial Confinement in Examples From the North Falkland Basin, Falkland Islands:** T. J. Dodd, D. J. McCarthy, P. C. Richards
- 13C Parallel Salt and Methane Generation, Possible Paradigm Shifts for Salt Generation in Deep Sea Processes:** Z. Unger, D. LeClair
- Theme 8: Emerging Frontiers: Emerging Basins (AAPG)**  
*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*  
*Co-Chairs: B. David and N. Piggott*
- 13D Controls on the Evolution of Ancient, Deep Lacustrine, Sand-Rich, Fan Systems: Early Cretaceous Hydrocarbon Reservoirs of the North Falkland Basin, Falkland Islands:** T. J. Dodd, D. J. McCarthy, P. C. Richards
- 13E The Largest Frontier of the Atlantic: Offshore USA:** V. Egorov
- 14A Hunting “Elephants” in the Rio Grande Rift - A New Frontier:** B. A. Black
- 14B Developing a New Understanding of the Evolution of the Newfoundland-Iberia Conjugate Margins and Its Impact on Petroleum Prospectivity:** K. L. Wilson, D. Sagi, J. Rodriguez, W. Hageman, D. Tierney, P. Webb
- 14C High Impact Exploration Inventory in an Emerging Hydrocarbon Province, Morandava Basin, Offshore Madagascar:** I. J. Ayodele, A. Orimolade, G. Penfield, B. Falaye
- 15A High Resolution, Regional, Earth Systems Modeling in the Predictive Mapping of Reservoir and Source Rock Environments in the Caribbean:** J. P. Harris, A. Ashley\*, S. Otto, E. Santoro, R. Townsend, J. Watson, S. Agostini, M. Goodrich, P. Valdes, P. Allison, A. Avdis
- 15B Is Hinterland Basin of the Hill Ranges in North Pakistan Overlooked Geological Province for the Hydrocarbon Exploration?:** A. Sajjad, K. I. Mohammad, H. Rai, M. Irfan, K. Mahmood ul Zaffar
- 15C Basin Analysis and Hydrocarbon Potential of the Papuan Basin, a Frontier Basin in Papua New Guinea:** B. Recker, R. Fluegeman, J. Grigsby, K. Nicholson
- 15D A New Exploration Direction of North in Tarim Basin, China: An Enlightenment From Geochemical Characteristics of Deep Natural Gases:** W. Li, J. Chen, H. Chen, X. Zhu, L. Wu
- 15E Guyana-Suriname Basin, South America: Hot Ultra-Deepwater Exploration Opportunities and Liza Field: Worldwide Largest 2015-2016 Hydrocarbon Discovery:** C. Platon
- 16A Chronostratigraphy Across a Conjugate Margin Source-to-Sink: UruguaySPAN and NamibiaSPAN—Why Stop at Basement?:** K. McDonough, K. McDermott, E. C. Gillbard, K. Reuber, J. Pindell, B. W. Horn
- 16B Multi-Stage Golden Zones of Hydrocarbon Exploration in Superimposed Petroliferous Basin China:** W. Zhao, S. Hu, Z. Xu, T. Wang, H. Jiang
- 16C Allochthonous Blocks and Thrust Tectonics Effects to Petroleum Exploration in the Ulus Basin, Western Black Sea of Turkey:** S. Sen
- 16E Evaluation of Coal Bed Methane Play in the Eastern Part of the Central Kalahari Karoo Basin (Botswana):** A. V. Milkov, J. Potgieter, M. Faiz, A. Mayers, I. Parker
- 17A Fracture Characterization and Data Analysis of the Poland Unconventional Shale Play and Relation to Other Unconventional Plays:** K. Hlava, R. Nelson
- 17B Paleozoic Evolution of the Eastern European Platform in Poland and Shale Gas Potential:** J. Golonka, P. Krzywiec, K. Pletsch, J. Barmuta, S. Bebenek, D. Botor, S. Porebski, B. Papiernik, M. Barmuta, M. Michna, A. Buniak, Z. Mikolajewski
- 17C Geological Setting of the Shale Gas in Polish Carpathians:** J. Golonka, A. Slaczka, A. Waskowska, K. Starzec, G. Machowski, M. Stefaniuk, P. Krzywiec, P. Marzec, K. Pletsch
- 17D The New Opportunity of Gas Exploration From Tight Mudstone and Shale Dominated Sequences in Miocene, Carpathian Foredeep, Poland:** B. Papiernik, M. Krzysztofik, M. Slys, W. Górecki, M. Michna, G. Machowski, M. Pietrusiak, P. Poprawa, A. Sowizdzadz, G. Staryszak
- 17E Comparative Analysis of Shale Gas/Oil Resources in the Baltic and the Lublin Basins (Poland) Based on 3-D Static Modeling:** B. Papiernik, P. Poprawa, W. Gorecki, P. Kosakowski, B. Liana, G. Machowski, M. Michna, J. Zajac, G. Zabek
- 17F New Unconventional Potential of the Mature Petroleum Provinces in Poland:** P. Poprawa, B. Papiernik, A. Maksym, G. Machowski, J. Zajac
- 18A Application of Gamma Spectrometry to Hydrocarbon Anomalies in Shale Cores at Pomerania Region, Poland:** R. Skupio, G. A. Barberes
- 18B Surface Geochemical Prospecting of Hydrocarbon in Brejeira and Mira Formations, South Portuguese Zone (SPZ), Portugal:** G. A. Barberes, A. Spigolon, A. Permanyer, R. Pena dos Reis, P. Fonseca, T. Barata, R. Skupio\*
- 18C Conducting Integrated Reservoir Studies in the Quartzite Hamra Reservoir-Tight Oil, Southern Periphery of Hassi-Messaoud Field, Algeria:** Z. Ait-Ali, M. Djarir, R. Zenkhri, A. Sokhal, L. El-hadi, G. Zandkarimi\*, P. E. Mosher, B. M. Baruah
- 18D Method and Data-Acquisition Workflow for Rock-Type Definitions in the Lower Carboniferous Resource Play, Northwest England:** N. H. Schovsbo, T. Goode, J. Beuthin, E. Derbez, K. Parkin
- 18E Dead Oil Viscosity Model Based on SARA Analysis for South Ratqa Oil Field:** A. Elsharkawy, M. Almershed
- 19A NMR Applications for Bazhenov Shale Core Samples Analysis and Filtration Experiments Under Reservoir Conditions:** A. Mukhametdinova, A. Cheremisin, V. Stukachev, E. Popov, D. Tyagusov
- 19B Geomechanics and Geological Characteristic of Unconventional Plays in the South Sumatra Basin, Indonesia:** B. Sapiie, I. Gunawan, M. A. Riswanti, A. Sugiarto, R. Fauziah

### Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Co-Chairs: C. Ginn and S. Laubach*

- 19C New Approach in Conducting Fault Seal Analysis: Case Study of Northwest Java Basin, Indonesia:** B. Sapiie, I. Gunawan
- 19D Tectonic-Geomorphologic Modeling of Paleo-Landscapes in Rifts:** J. van Wijk, M. Berry, E. Emry
- 19E The Fault Zone Architecture of Buried Reverse Faults in Sedimentary Basin: A Case From the Hong-Che Fault of Junggar Basin, China:** Y. Liu
- 20A The Genesis and Mechanism of Polygonal Fault Systems in Jinghai Sag of The Pearl River Mouth Basin:** N. Jiang

### Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)

*Exhibition Hall D-E / :30 p.m.–5:00 p.m.*

*Chair: T. McClain*

- 16D The Jurassic Organic Rich Carbonate Mudstones of the Tauride Belt (Turkey): Their Unconventional Oil and Gas Systems:** S. Sen



## Technical Program Tuesday

- 20B Advances in the Understanding of Key Parameters Determining Carbonate Fault Rock Permeability:** A. Cooke, Q. Fisher, E. Michie, G. Yielding
- 20C Fault Zone Development, Architecture and Fluid Migration Properties in Heterogeneous Clastic & Carbonate Strata:** T. Cain, S. M. Clarke, G. Leslie
- 20D Faults in High Porosity Carbonates:** I. Kaminskaite, Q. Fisher, E. Michie
- 20E Hydrothermal Venting-Induced Structural Compartmentalization in Vøring Basin, Norwegian North Sea:** O. E. Eruteya, K. O. Omosanya, S. E. Johansen, N. Waldmann, T. Alves
- 21A Fault Length, Connectivity and Reservoir Compartmentalisation – Testing Workflows With Seismic Forward Modeling:** S. J. Oldfield, D. Paton, E. K. Bramham
- 21B Multi-Resolution Stacking of Seismic Attribute Calculations Based on Post-Stack Seismic Characteristics to Enhance Image Quality:** A. A. Aqrabi, M. S. Ramfjord
- 21C Non-seismic Constraints in Structurally Complex Regions:** M. S. Velasco
- 21D Influence of Tectonic Stress Regime on Fracture Porosity of Tight Carbonate Reservoirs:** C. L. Ciuperca, G. Jackson, B. Niculescu, A. Bhatti
- Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)**  
*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*  
*Co-Chairs: C. Bartolini, G. Diaz and I. Kane*
- 22A Mapping the Jurassic Norphlet Sandstone along the Northern Margin of the Yucatan Peninsula:** M. Saunders, L. Geiger, A. Steier
- 22B Impact of Geological Heterogeneity on Recovery Efficiency in Deep-Water Reservoirs: Insights From an Integrated Subsurface (Wilcox Fm.) and Outcrop (T. Karoo) Study:** A. S. Pontén, C. Messina, G. C. Saigal, K. Narayanan, S. Talukdar, S. Gorodkov, I. R. Fjeldaa, N. E. Janbu
- 22C High-Resolution Multibeam Backscatter Reveals Dramatic Basin-Floor Fans of Varying Character in the Deep Water Mexican Gulf of Mexico:** J. Decker, D. Orange, P. Teas, D. Pryne
- 22D Stratigraphic Development of the Upper Fan From the Brazos-Trinity Slope System (Basin IV), Western Gulf of Mexico:** G. T. Gaillot, P. A. Dunn, N. Lentsch, D. C. Hoyal
- 22E Seismic Stratigraphic Analysis of the Yoakum/Lavaca Canyon System, South Texas, USA:** C. White, J. W. Snedden
- 22F The Late Triassic-Late Cretaceous Flooding of the Gulf of Mexico From the Pacific Through Mexico:** R. J. Padilla y Sánchez
- 23A Pre-salt in the Deepwater Gulf of Mexico: Evolution and Play Potential in the Syn-rift and Sag Fill in Offshore Mexico:** A. Goswami, E. Haire, J. Pindell, B. W. Horn
- 23B Structural, Stratigraphic and Geomorphologic Reconstruction of an Early Stage Late Miocene-Early Pliocene Raft System in Viosca Knoll-Mississippi Canyon, GOM, Using 3-D Seismic Data:** M. Worrell
- 23C Seismic Geomorphology and Overpressure Variation in the Shallow Water Flow (SWF) Prone Sand Units in the North-Central Gulf of Mexico:** W. Berger, J. Keenan, Z. Metz, S. UHadi, S. Bisrat, D. Mo, Z. Qian, R. Sudhakar, D. Wedding
- 23D Channel Complex Fills in the Distal Palaeogene Wilcox Play (GoM): Spatial Organization and Conceptual Model:** C. Messina, A. S. Pontén, G. C. Saigal
- 23E Latest Quaternary Regional Sedimentation Processes in the U.S. Gulf of Mexico Exclusive Economic Zone (EEZ):** J. E. Damuth, H. C. Olson
- 23F Submarine Landsliding into the Orca Basin Brine Pool, Walker Ridge, Gulf of Mexico:** D. Sawyer, A. Cook, R. A. Mason
- 24A Paleogene Carbonate Dissolution Events and Their Link With Wilcox Formation Deep Water Sands:** J. Bhattacharya, G. R. Dickens

- 24B Infill Evolution of a Poned Basin and Implications for Reservoir Development, Gulf of Mexico:** C. Fonseca-Rivera
- 24C Seismic geomorphology observations of deep-water channels guiding reservoir prediction in the distal Paleogene Wilcox Formation, GoM:** N. E. Janbu, E. Hilde, G. C. Saigal, F. Hadler-Jacobsen, A. S. Pontén, P. Sandbakken, J. Vinnels, A. Helsem, O. Solbakken

### Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)

*Exhibition Hall D-E / 1:30 p.m.–5:00 p.m.*

*Co-Chairs: J. Clark and S. Hubbard*

- 24D Beyond the Channel-to-Lobe Transition Zone: Off-Axis Facies Distribution and Implications for Stratigraphic Pinch-Outs:** R. L. Brunt, H. L. Brooks, D. Hodgson, S. Flint
- 24E New Insights on the Variability of Submarine Lobe Deposits:** Y. Spychala, D. Hodgson, S. Flint, C. Stevenson, N. P. Mountney, I. Kane, A. Prelat
- 24F Some Controls on the Distribution of Slurry-Flow Deposits:** M. Hernandez, C. Trigg, D. R. Lowe
- 25A Lateral Variability of Turbidite-Debrite Couplets in Submarine-Lobe Fringes: Example From the Maastrichtian Lewis Shale, Washakie Basin:** W. Koo, C. Olariu, R. Steel
- 25B Three-Dimensional Characterization of Complex Depositional Architectures of Seismic Scale High Energy, Unconfined Aggradational Slope Turbidites Deposited Along Narrow Margins of the Fish Creek-Vallecito Basin, South-Central California – Outcrop Example of a Supercritical Fan?:** L. M. West, R. Steel, C. Olariu
- 25C Stratigraphic Architecture of Bypass-Dominated Slope Channel Deposits, Tres Pasos Formation, Chilean Patagonia:** N. C. Auchter, B. Romans, S. J. Southern, B. Daniels, L. Stright, S. Hubbard
- 25D Frequency Distribution of Bed Thickness in Slope-Channel Fills: New Insights From the Cretaceous Tres Pasos Formation, Chile:** S. J. Southern, Z. Sylvester, S. Hubbard
- 25E Froude Supercritical Flow Bedforms in Deepwater Slope Channels, Eocene Forearc Basin, California: Recognition Criteria and Field Examples in Conglomerates, Sandstones and Fine-Grained Deposits, Their Morphological Changes of Bedforms From Shelf-Edge Channels to Middle Slope Channels:** K. Ono, P. Plink-Bjorklund
- 25F Deducing Reservoir Connectivity via Analysis of Slope Channel Fills Along a 35-km-long Longitudinal Transect of a Shelf Margin System, Tres Pasos Formation, Chile:** B. Daniels, S. Hubbard, B. Romans, L. Stright
- 26A Quantifying the Bed-scale Architecture of Submarine Lobe Deposits, Point Loma Formation, California:** R. C. Fryer, Z. R. Jobe, L. E. Shumaker, J. Stammer, A. Fleming
- 26B The Long-Term Evolution of an Exhumed Deepwater Stepped-Slope Profile:** H. L. Brooks, D. Hodgson, S. Flint, R. L. Brunt, J. Peakall
- 26C Vertical Intercalation of Matrix-Rich and Matrix-Poor Sandstones - A Reflection of a Compensationally-Stacked Lateral Facies Change in a Deep-Marine Channel-Margin Succession, Isaac Formation, Windermere Supergroup, British Columbia.:** C. Wearmouth, B. Arnott
- 26D Multiphase Deep-Water Slope Channel-Lobe Evolution: Cerro Toro Formation, Silla Syncline Area, Magallanes Basin, Chile:** G. Bozetti, B. T. Cronin, B. Kneller
- 26E Stratigraphic Evolution of an Ancient Channel-Lobe Transition Zone (CLTZ) in the Windermere Turbidite System and Implications for Reservoir Development:** L. Navarro, B. Arnott
- 26F Depositional Reservoir Quality of Deep-Water Channels and Lobes: Ainsa and Jaca Basins, Spain:** D. Bell, I. Kane, D. Hodgson, S. Flint, A. S. Pontén

## Technical Program Wednesday

\* denotes presenter other than first author

### Wednesday Morning Oral Sessions

#### Theme 1: Siliciclastics: Continental to Shallow Marine II: Tidal to Shelf (SEPM)

General Assembly A

Co-Chairs: A. Fernandes, A. Hartley and R. Steel

- 8:00 **Introductory Remarks**
- 8:05 **Mid-Jurassic Shelf-Margin Growth in Neuquen Basin: Coarse-Grained, River-Tide Interaction at the Shelf Edge:** R. Steel, C. Olariu, V. M. Rossi, F. Almeida, E. Steel
- 8:25 **Ambiguity of GoogleEarth Images as Shallow Marine Reservoir Analogs:** B. J. Willis
- 8:45 **Variability of Wave-Dominated and Wave-Influenced Coastlines in the Holocene - Lessons for the Subsurface:** B. Vakarelov, B. Ainsworth, J. Bourget
- 9:05 **TBD**

#### Theme 1: Siliciclastics: Source to Sink II: Global Examples (SEPM)

General Assembly A

Co-Chairs: J. Covault and J. Pickering

- 10:05 **Introductory Remarks**
- 10:10 **Paleogeography of the Arctic – Implications for Mesozoic Sediment Routing and Basin Fill:** T. O. Sømme, A. G. Doré, B. Tørudbakken, E. R. Lundin, S. A. Bullimore, A. E. Ryseth
- 10:30 **Source to Sink Investigation of the Central Scotian Basin Using Integrated Forward Stratigraphic Modeling Approaches:** N. Hawie, C. Sangster, E. A. Marfisi, F. Saint-Ange, G. Pe-Piper, D. Piper, A. MacDonald
- 10:50 **Complex Sediment Dispersal in the Campeche Deepwater Province, Offshore Southern Mexico – An Example of a Hybrid Tectonically Active Margin:** R. Winter, D. Dailey, S. Wigger, T. Heyn, J. Jaminski, M. Beaman, J. O'Leary
- 11:10 **3-D Forward Stratigraphic Modeling of Mixed Carbonate/Siliciclastic Systems in Frontier Deepwater Basins: The East-Mediterranean Levant Basin Case-Study:** F. H. Nader, C. Souque, J. Lecomte, R. Deschamps, M. Ducros, B. Chauveau, D. Granjeon, R. Staples, P. Tricker, A. Frascati
- 11:30 **Submarine Sediment Routing Systems on the Western Niger Delta Slope: Autogenic and Allogenic Signal Propagation and Preservation:** Z. R. Jobe

#### Theme 5: Deepwater: Major Deepwater Fields of the Offshore U.S. Gulf of Mexico (AAPG)

General Assembly B

Co-Chairs: C. Moore and M. Shuster

- 8:00 **Introductory Remarks**
- 8:10 **Gunflint Field: Effective Field Development in a Challenging Subsalt Environment:** K. Kuijper, E. Patterson, K. Aleman
- 8:40 **Lucius Field, 5 Years From Discovery to First Oil in the U.S. GOM:** W. A. Tedesco, S. M. Szabo, J. R. Jacobs, F. D. Meyer, S. Mueller, D. D. Hart, J. B. Leedy, J. D. Skinner, D. K. Wright, L. Dunn, H. Gambelin
- 9:10 **Stampede Field, USGOM: An Integrated Approach:** S. Jordan, G. Mohapatra
- 9:40 **Refreshment Break**
- 10:10 **Thunder Horse: A Winning Bet in GoM:** R. Loveland
- 10:40 **Jack and St. Malo, USGOM: Similarities and Differences in Two Co-Developed Deepwater Wilcox Fields:** E. L. Washburn, J. Bretches, K. Briggs, J. Randle, B. Wexler, A. Vyssotski
- 11:10 **Perdido: A Frontier Paleogene Development - 15 Years Post-Discovery:** D. Reid, C. Riley, J. Van Berkel, A. Sullivan
- 1:40 **Closing Remarks**

#### DEG/DPA Forum: The Future Best Practices For Extraction Industries in a Lower Carbon Environment

General Assembly C

Co-Chairs: J. Boak and T. Duex

- 8:00 **Introductory Remarks**
- 8:05 **Creating a Social Contract to Operate – A Necessity in the Post COP 21 World:** Daniel D. Domeracki, Vice President, Government and Industry Relations, Schlumberger Limited
- 8:25 **Sub-Surface Injection of Fluids and Induced Seismicity Best Practices:** Dr. Jeremy Boak – University of Oklahoma and State Geologist of Oklahoma
- 8:45 **Future Best Practices in the Deep Water Offshore:** C. R. (Charlie) Williams II, Executive Director, Center for Offshore Safety and Chief Scientist – Well Engineering and Production Technology, Shell
- 9:05 **Mitigating Methane Emissions: The Role of Science, Data Transparency and Innovative Technology:** David Lyon, Ph.D., Scientist, Environmental Defense Fund, Austin, Texas
- 9:25 **Building Social Acceptance and Trust at the Community and National Levels:** Alan J. Krupnick, Senior Fellow and Co-Director, Resources for the Future, Center for Energy and Climate Economics, Washington D.C.
- 9:45 **Working Together, We Can Have the Energy We Need, the Economy We Want and the Environment We Value:** Susan Cunningham, Executive Vice President, Noble Energy
- 10:05 **Refreshment Break**
- 10:20 **Panel Discussion**

#### Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)

Room 370

Co-Chairs: F. Dula and S. Naruk

- 8:00 **Introductory Remarks**
- 8:05 **Constraining Basin Models Using Fit-for-Purpose Crustal Architecture Workflows:** E. Johnson, D. Minguez
- 8:25 **The Effect of Large-Scale Tectonic Activity on Rifted Marginal Basin Petroleum Systems:** A. Beniést, W. Sassi, X. Guichet, S. Leroy, A. Koptev
- 8:45 **Equatorial Atlantic Deep-Water OCT Structure and Crustal Type From Satellite Gravity Inversion:** N. J. Kusznir, A. M. Roberts, A. Alvey\*
- 9:05 **Asymmetrical Conjugate Margins of the South Atlantic: Effects of Variable Basement Architecture and Magmatic Additions on the Continental Rifting Process and Petroleum Systems:** K. R. Reuber, P. Mann, J. Pindell
- 9:25 **Refreshment Break**
- 10:10 **Investigation of Rift Evolution Through Examining Scaling Properties of Fault Populations Within the Central Kenya Rift:** A. K. Shmela, D. Paton, R. Collier
- 10:30 **The Influence of Pre-Existing Thrust Faults on Normal-Fault Development in Two-Phase Experimental Models:** K. Warrell, R. Schlische, M. O. Withjack
- 10:50 **Recent High Resolution Seismic, Magnetic and Gravity Data Throws New Light on the Early Development of the Gulf of Mexico:** I. C. Deighton, F. Winter, D. Chisari
- 11:10 **Exhumation on the Passive Margin of Eastern North America: Results From Sonic Transit-Time and Vitrinite-Reflectance Analyses in the Newark Rift Basin:** M. A. Durcanin, M. L. Malinconico, M. O. Withjack
- 11:30 **Anomalous Arching During Rifting, Breakup and Drifting: Evidence on the Passive Margin of Eastern North America for Distal Magmatic Underplating:** M. O. Withjack, M. L. Malinconico, M. Durcanin, R. Schlische



## Technical Program Wednesday

### Theme 3: Geochemistry/Petroleum Systems: Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)

Room 361

Co-Chairs: O. Huvaz and N. Rodriguez

- 8:00 **Introductory Remarks**
- 8:05 **Petroleum Systems Modeling Applied to Unconventional Resource Plays:** N. B. Schoellkopf, A. MacGregor, R. Salter, R. E. Lewis
- 8:25 **Geochemical Characterization of Potential Source Rocks in the Anadarko Basin, Oklahoma:** P. Philp
- 8:45 **Advanced Pyrolysis Data and Interpretation Methods to Identify Unconventional Reservoir Sweet Spots in Fluid Phase Saturation and Fluid Properties (API Gravity) From Drill Cuttings and Cores:** A. Maende, A. Pepper, D. M. Jarvie, W. Weldon
- 9:05 **Gas Geochemistry of the Spraberry and Wolfcamp Formations in the Midland Basin:** T. Zhang, G. S. Ellis, P. Travers, X. Sun, D. A. Enriquez
- 9:25 **Refreshment Break**
- 10:10 **Is the Tuscaloosa Marine Shale Self-Sourced? Preliminary Oil-Oil and Oil-Source Rock Correlation Studies in the Upper Cretaceous Tuscaloosa Group, Southern Mississippi, USA:** P. Hackley, D. Garza, B. Valentine, C. Enomoto, C. Lohr, J. Hatcherian, F. Dulong, K. Dennen
- 10:30 **Fluid Geochemistry Data Providing Key Calibration for Eaglebine Play Maturity and Sweetspot Mapping:** C. Gong, A. Hudson
- 10:50 **Assessing Oil-In-Place and Oil Mobility in Liquid Rich Unconventional Resource Plays Using Multi-Step Thermal Extraction:** M. A. Abrams, C. Gong, C. Garnier, M. Sephton
- 11:10 **Derivation of Hydrocarbon Head Potential, a New Workflow for Petroleum System Analysis: Application to the Eagle Ford Formation, Southeast Texas:** C. E. Varady, J. Pantano, U. Hammes
- 11:30 **Oil-Cracking Kinetic Parameters Play a Crucial Role in the Assessment of Shale Gas Plays:** D. C. Willette

### Theme 9: Geophysics: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)

Room 360

Co-Chairs: C. Dumitrescu and D. Johnston

- 8:00 **Introductory Remarks**
- 8:05 **Adding Value to Seismic With Non-Seismic Techniques:** F. Gilbert, A. D. Price
- 8:25 **Atlantic Margin, Stratigraphic Play: An Integrated CSEM-Seismic Approach to De-Risk Fluids?:** D. I. Modin, G. Baudot, A. Peirin, E. Zagotto
- 8:45 **Tectonics and Hydrocarbon Prospectivity Through the Integration of Airborne Gravity Gradiometer, Magnetic and 2-D Seismic Data in the Canning Basin, Western Australia:** R. Yalamanchili, J. Feijth, C. Cevallos, T. Rudge
- 9:05 **Tobago: Implications of 4-D Seismic in an Ultra-Deep Water Setting:** C. Goyeneche, J. Mestayer
- 9:25 **Refreshment Break**
- 10:10 **Changes in Acoustic Properties and Velocity Anisotropy in a Very Organic-Rich Marine Shale With Increasing Temperature:** L. Wensaas, M. Sarkar, M. Gading, C. Sondergeld, C. S. Rai, H. Løseth
- 10:30 **Gassmann With Texture Dependent Effective Grain Moduli:** D. Adams, D. Markus
- 10:50 **Mineralogy, Porosity and Water Saturation From Simultaneous Impedance Inversion in a Turbiditic Oil Reservoir:** H. S. Arévalo-López, J. P. Dvorkin
- 11:10 **Amplitude of Pair Correlation Function to Understand Heterogeneity From Well-Log and Seismic Data:** R. Ravindranathan, E. Chesnokov

- 11:30 **Seismic Characterization of the Upper Unayzah Fairway in Eastern Saudi Arabia:** L. Giroldi, M. Ahmed, A. Suleiman

### Theme 10: International Regions: Regions Overview Panel Session (AAPG)

Room 351

Co-Chairs: P. Lloyd and D. Blanchard

- Introductory Remarks**
- Canada:** Maren Blair, AAPG Canada Region - Vice President
- Latin America/Caribbean:** Victor Vega, AAPG Latin America/Caribbean Region, President
- Europe:** Fiona MacAulay, AAPG European Region, President
- Africa:** Bill Bosworth, AAPG Africa Region President
- Middle East:** Robert Kuchinski, AAPG Middle East Region President
- Asia Pacific:** Peter Grant, AAPG Asia Pacific Region President
- Question and Answer**

### Theme 10: International Regions: Africa (AAPG)

Room 351

Co-Chairs: A. Akinpelu and D. Blanchard

- 10:05 **Introductory Remarks**
- 10:10 **Africa Exploration - Why Does It Continue to Deliver?:** B. Fryklund
- 10:30 **The Outstanding Exploration Successes of Rovuma Basin After 60 Years of Disappointing Results in East African Coastal Basins:** M. Orsi
- 10:50 **50 Years of Conventional Oil and Gas Exploration and Production in the Western Desert (Egypt) and Still Going Strong:** W. Bosworth, J. Versfelt, E. Cross, L. Vergara, H. Nasr, A. Ghali, M. Hussein, O. Fouad, G. Spencer, T. Henry, D. Jennette, R. Johnson, B. Steer, P. Sackmann, W. Abdelaziz, S. Guinn, G. Barker, C. Clerk, G. Kokkoros, J. Towart, D. Helgeson
- 11:10 **From Stranded Marginal Fields to (Integrated) Medium Sized Assets: Contributions of Indigenous Independents to the Changing E&P Landscape of Nigeria's Petroleum Industry:** L. F. Fatona
- 11:30 **Why Not Both Conventional and Unconventional Exploration in Sub-Saharan Africa?:** J. Granath, W. Dickson

### Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)

Room 342

Co-Chairs: G. Eberli and C. Miller

- 8:00 **Introductory Remarks**
- 8:05 **Complexity of the Intra-MIS 5e Stratigraphic Record: Challenge to the One SL Pulse-One Cycle Model, West Caicos, Caicos Platform, BWI:** C. Kerans, C. Zahm, S. Bachtel
- 8:25 **Sensitivity of Steep-Rimmed Carbonate Platforms to Early Deformation With Respect to Changes in Mechanical Rock Properties, Slope Angle and Sea Level:** A. Nolting, C. Zahm, C. Kerans
- 8:45 **Morphometric Comparison of the Pleistocene Miami Oolite and Modern High-Energy Sand Bodies of Great Bahama Bank:** S. J. Purkis, P. Harris\*
- 9:05 **Stable Isotopic and Trace Elemental Composition of Mollusks From the "Inland Sea" Lagoon and Channel System, Southeastern Qatar:** J. M. Rivers, R. Yousif, L. Varghese
- 9:25 **Refreshment Break**
- 10:10 **Complex Interplay Between Depositional and Petrophysical Environments on a Holocene Tidal Flat (Al Ruwais, Qatar):** S. J. Purkis, J. M. Rivers, R. Yousif, C. Warren, C. Strohmenger
- 10:30 **Cenozoic Neritic Carbonates in the Maldives Controlled by Sea Level and Ocean Currents:** C. Betzler, G. Eberli, D. Kroon, T. Lüdman, J. Reijmer, P. Swart, J. Wright, C. Alvarez-Zarikian, I. Participants

## Technical Program Wednesday

\* denotes presenter other than first author

- 10:50 **Current-Related Platform Drowning in the Maldives and the Indo-Pacific Realm:** A. Ling, G. Eberli, C. Betzler, T. Lüdmann, C. Alvarez-Zarikian  
 11:10 **Tectonostratigraphy of Cretaceous Carbonate Platform and Slope in the Santaren Channel, Bahamas:** X. Janson, C. Kerans, C. Zahm, D. Dunlap  
 11:30 **Precambrian Carbonate Platforms: A Database Approach to Querying Carbonate Deposition Through Time:** K. Bergmann, M. Cantine, A. Knoll

### Theme 10: Asia-Pacific: China

Room 332

Co-Chairs: S. Nash

- 10:05 **Introductory Remarks**  
 10:10 **River-Gulf System: The Most Important Place for Global Marine Petroleum Accumulations:** Y. Deng, Y. Yang  
 10:30 **Formation and Preservation Mechanism of Deep Carbonate Reservoir Under Tectonic-Fluid Coupling Alterations:** Y. Ma  
 10:50 **Major Control Factors of Hydrocarbon Accumulation and Potential Exploration Targets of the Ultra-Deep Carbonate Sequences in China:** Z. He, L. Qi, H. Wu, Y. Wo, H. Li, Z. Bai  
 11:10 **The Co-Evolution Process and Mechanism of Shale Hydrocarbon Generation-Reservoir-Preservation: A Case Study of Upper Ordovician Wufeng Formation (O<sub>3w</sub>) - Lower Silurian Longmaxi Formation (S<sub>1l</sub>) in the Sichuan Basin and Its Periphery:** Z. Jin, H. Nie, Q. Liu

### Wednesday Morning Poster Sessions

#### AAPG Student Posters III

Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.

Co-Chairs: A. Janevski and A. Sullivan

- 1A **Petrophysical Analysis of the 3rd Bone Spring Formation:** P. L. Sims, L. Matthews, M. Pippin, I. H. Yeter, H. Tian  
 1B **Stratigraphic Architecture and Evolution of Submarine Canyons and Other Sediment Conduits in the Southeast Loppa High, Barents Sea:** D. Harishidayat, S. E. Johansen, K. O. Omosanya, S. P. Løseth  
 1C **Fracture Characterization on Virtual Outcrop Model of Mississippian Boone Formation:** L. Sun, S. D. Khan, S. Sarmiento, M. Lakshmikantha  
 1D **Combining Sequence Stratigraphy with Artificial Neural Networks to Enhance Regional Correlation and Determination of Reservoir Quality in the “Mississippian Limestone” of the Mid-Continent, USA:** E. Eilum, G. Grammer, M. J. Pranter  
 1E **Hydrocarbon Generation Potential of Late Eocene Enping Formation Mudstones in the Huilu Area, Northern Pearl River Mouth Basin, South China Sea:** J. Peng, X. Pang, X. Ma, H. Shi  
 1F **Seismic Geomorphology and Characterization of Deep Water Architectural Elements and its Applications in 3-D Modeling. A Case of Study, North Carnarvon Basin Australia:** J. J. Tellez, R. Slatt  
 2A **Evaluation of Reservoir Potential of Glaciomarine Sandstones in the Victoria Land Basin, Antarctica: Insights from Diagenesis in Cape Roberts Project Drillcores:** M. Yang, T. D. Frank, C. R. Fielding  
 2B **Assessment of Lithium-Rich Brine From the Smackover Formation by Analyzing Core, Geochemical, Petrophysical and Productivity Data: Insights From Deep Evaporite-Carbonate Transitions.:** T. Palmer, R. Gabitov  
 2C **Characterization of the Pore System and its Storage Capacity in Devonian Black Shale of Appalachian Basin:** L. Song, T. Carr  
 2D **Petrophysical and Paleo-environmental Assessment of a Mississippian Rock Interval from Central Kansas, (Mid Continent-U.S.) Using Thin Sections:** o. A. Ogunsegha, H. Ali  
 2E **Integrated Basinal-Scale Study on Potential Shale Plays in Abakaliki Fold Belt and Calabar Flank, Nigeria:** O. A. Oluwajana, O. A. Ehinola  
 2F **Morphology, Classification and Controlling Factors of the Late Quaternary Submarine Canyon System on the Northern Margin of the South China Sea:** X. Wang, Y. Wang, H. Zhuo, W. Chen

### Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years After SEPM Special Publication 42

Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.

Co-Chairs: K. Ehman and R. Sarg

- 4A **3-D Volumetric Interpretation – Advancing the Way We Interpret Seismic Stratigraphy and Geomorphology:** L. R. Goggin, T. Sun, A. Dutranois, A. D. Harris  
 4B **Seismic Stratigraphy of the Toe-Thrust Region of the Niger Delta Slope: Linking Structural Evolution to Basin Fill History:** M. Pizzi, M. Mayall, L. Lonergan, A. Whittaker  
 4C **WheelerLab: An Interactive Program for Sequence Stratigraphic Analysis of Seismic Sections and the Generation of Dynamic Chronostratigraphic Sections:** A. Amosu, Y. Sun  
 4D **FischerLab: An Interactive Program for Generating Dynamic Fischer Plots From Wireline Logs and Stratigraphic Data:** A. Amosu, Y. Sun  
 4E **Stratigraphic Architectures of Deltas Formed During Forced and Normal Regressions, Ferron Sandstone (Turonian), Southeast Utah, USA:** J. T. Korus, C. R. Fielding\*  
 4F **3-D Sequence Stratigraphic Modeling of Shallow Marine Systems in Syn- to Post-rift Settings:** B. Barrett, D. Hodgson, R. Collier, R. Dorrell  
 5A **Finding the Sequence Missing Link: Recognition of the RST in Clastics and Carbonates in Outcrop, Borehole and Seismic Stratigraphy:** J. D. Pigott, R. Zhai\*, K. L. Pigott, Y. Zhou, A. Caf, K. N. Garrett  
 5B **Three-Dimensional Variation in High-Relief Shelf Margin Clinoform Architecture With Implications for Sediment Delivery to the Deep-Sea, Cretaceous Alaskan North Slope:** E. Pemberton, S. Hubbard  
 5C **The Protagonists of Sequence Stratigraphy Caught on Video:** D. Minisini  
 5D **Space, Things, Time and Events: Horacio Harrington, Derek Ager and the Dichotomous Future of Sequence Stratigraphy:** B. D. Cramer  
 5E **Bio-Stratigraphy Disproves Eustasy as a Primary Factor in the Accumulation of Middle Paleozoic Rocks Around the Transcontinental Arch of North America:** G. D. Couples, M. W. Frye  
 5F **A Successful Test of the “Standard” Depositional Sequence Model at a Lacustrine-Fluvial Setting and Application to Paleogeographic Reconstruction of Upper-Triassic Zhangjiatan Shale, Ordos Foreland Basin, China:** W. Yang, Q. Yu, X. Luo, Y. Lei  
 6A **Reading the Sedimentary Record: A Multiple-Hypotheses Working Methodology:** H. Li

### Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)

Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.

Co-Chairs: H. Arévalo-López and A. Morcote

- 6B **An Integrated Approach to Evaluate Carbonate Pore Structures of Early Triassic Reservoir, Puguang Gas Field:** Q. Huang, Q. Dou, Y. Sun  
 6C **Application of Unconformity Identification and Evaluation in the Optimizing of Offshore Oilfield Development Plan: A Case Study of CFD Oilfield in Bohai Bay Basin:** W. Yang  
 6D **An Integration of Genetic Inversion and Seismic Frequency Attributes to Delineate Reservoir Targets in Offshore Northern Orange Basin, South Africa:** C. A. Samakinde  
 6E **Seismic Texture Analysis Applied to Unconventional Reservoir Characterization and Calibration: A Case Study in Central Pennsylvania, North Central Appalachian Basin:** C. J. Gieger, D. Gao  
 6F **Studying Seismic Signatures of Fluid Substitution in Reservoir Characterization:** S. Maity, P. Mishra  
 7A **Study on Intercalation of Shallow Water Delta by Integration of Logging and Seismic Data:** L. Zhang, Q. Wu, Y. Jiang, S. Wang



## Technical Program Wednesday

- 7B A New Method of Making the Thickness Map of the Shallow Sand Body Constrained by Seismic Attribute:** M. Jun, Z. Xuefeng, L. Xuetong, P. Yong, L. Wenbin
- 7C A New Approach to Effectively Identifying Deep Fan-Delta Sandbodies:** B. Kang, K. Wu, J. Xu
- 7D Efficiency Gains in Inversion-Based Interpretation Through Computer-Driven Classification:** D. T. Dewett
- 7E Fluvial Reservoir Architecture Characterization of Mature Oilfields With Seismic Sedimentology Method:** X. ZHANG, T. Zhang, C. Lin
- 7F Integrated Reservoir Characterization of Thin Bed Reservoir in Desert Area:** J. Chen, J. Lin, J. Li, Y. Lin, Y. Li, J. Bie, Y. Wang
- 8A Lower Triassic Tight Sand Reservoirs Prediction Technology Combined of Post- and Pre-stack Seismic Inversion in MX Area, Junggar Basin:** W. Liu
- 8B An Effective Thin Reservoir Prediction Method Which Combines Spectral Inversion and Wide-Band Ricker Wavelet Filtering:** J. Fan, N. Guo, Z. Zhang, X. Xie
- 8C Reservoir Pore Structure Classification of Carbonate Rocks Based on Lithology Analysis and NMR Experiments:** F. Tian, W. Wang, Z. Liu, T. Zhu, y. zhou, N. Liu, T. Fang
- 8D Applying PCA in Seismic Attribute Analysis for Interpretation of Evaporite Facies: Lower Triassic Jialingjiang Formation, Sichuan Basin, China:** Z. Xu, S. Hu, H. Zeng, Q. Fu, L. Jiang, S. Shi

### Theme 4: Structure/Geomechanics: Geomechanics (AAPG)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m*

*Co-Chairs: J. Gale and R. Goteti*

- 8E Induced Earthquakes on Basement Faults Caused by Injection Into Sedimentary Reservoirs:** Z. Fan, P. Eichhubl, P. Newell, C. Zhu
- 8F Seismic Efficiency vs. Fracability; Effects of Mechanical Properties on Radiated Elastic Waves With Application to Hydraulic-Fracturing-Induced Microseismicity:** F. Sheibani, B. H. Hager
- 9A Benchmarking and Calibration of 3-D Geomechanical Models:** R. Alcalde
- 9B Least Principal Stress Prediction Using a Viscoplastic Stress Relaxation Model Applied to Stacked Pay in the Permian Basin:** S. Xu, F. Rassouli, M. Zoback
- 9C Structural Analysis of Strike-slip Faulting in Ernst Tinaja Canyon, Big Bend National Park, Texas:** R. R. Silberstorf
- 9D Is Siltstone Geomechanics on the Mixing Line Between Sandstone and Shale? Example From the Western Canada Sedimentary Basin Montney Formation:** N. Vaisblat, K. Ayranci, N. Harris
- 9E Influence of Lithology and Diagenesis on Mechanical and Sealing Properties of the Thirteen Finger Limestone and Upper Morrow Shale, Farnsworth Unit, Texas:** N. Trujillo, D. Rose Coss, P. Mozley, J. Heath, M. Cather
- 9F Numerical Modeling of the Deformation and Displacement of Salt Bodies With Embedded Carbonate or Anhydrite Stringers:** S. Li, G. Zhang, J. L. Urai
- 10A High Stress Anisotropy Associated With the Highly Deformed Kohat Basin, Northwest Himalayas, Pakistan: Its Importance and Implication in the Hydrocarbon Exploration and Developmental Strategies:** K. I. Mohammad, H. Rai, A. Sajjad, K. Mahmood ul Zaffar, U. Muhammad, C. Rashid Jamil
- 10B Induced Seismicity – Implications for Addressing Regulatory Requirements for Design, Analysis and Monitoring of Underground Injections and Hydraulic Fracturing:** M. Hosseini, M. Hosseini, B. Miyazaki, P. Somerville
- 10C Coupled Geomechanics-Transient Fluid Flow Model to Predict Intact Zone Failure Mechanism and Sand Production: Case Study in Field X:** N. Fitriani, S. Wicaksono, F. Rizaldy\*

- 10D Integrating Mineralogy, Process Sedimentology and Geomechanics for Development of a Mechanical Stratigraphy Model of the Bakken Formation:** A. Charsky, D. Pyles, S. Sonnenberg
- 10E An Investigation of Static and Dynamic Data Using Multistage Triaxial Test:** A. Bilal, M. Myers, L. Hathon

### Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m*

*Co-Chairs: D. Tian and Y. Wang*

- 10F Source Rock Characteristics and Hydrocarbon Potential of Middle Permian P<sub>2</sub> Source Rocks in the Kelameili Area, Eastern Junggar Basin, Northwest China: Implications for Tight Oil Exploration:** H. Bai, X. Pang, L. Kuang, H. Pang, X. Song
- 11A Sequence Architecture and Its Controlling Factors of Middle Jurassic Fluvial Successions in Western Sichuan Foreland Basin:** J. Liu, Y. Ji
- 11B The Relationship Between Tempo-pressure Evolution and Accumulation Process of Deep Carbonate Reservoir in the Central Paleo-uplift, Sichuan Basin, Southwest China:** W. Liu, N. Qiu, Y. Liu, Q. Xu
- 11C Gas of Biodegradation Origin and Their Pooling Characteristics in Shallow Reservoirs of Langgu Sag:** Y. Cao
- 11D Charging of Heavy Oil Fields Surrounding the Southern End of Liaoxi Uplift From Multiple Lacustrine Source Rock Intervals and Generative Kitchens, Bohai Bay Basin, China:** D. Tian, C. Xu, K. Wu, R. Zhang\*, W. Pan
- 11E Mechanisms of Petroleum Accumulation in the Liaodong Bay, Bohai Bay Basin, China: Origin and Occurrence of Crude Oils Presented by Rucai Zhang:** D. Tian, C. Xu, K. Wu, W. Pan
- 12A Hydrocarbon Sources and Charge History in the Ultra-Deep-Buried Cretaceous Sandstone Reservoir, Kuqa Depression, Tarim Basin:** X. Song, X. Lv, Y. Shen, S. Guo, H. Bai
- 12B Numerical Simulation of Fluid Flow in Fracture-Cave System Dominated Carbonate Reservoirs: Taking Akekule Nosing Structure (North Tarim Basin, China) for Example:** H. Chenjun, M. Yongsheng, L. Geyun
- 12C Secondary Migration of Petroleum Along Axis of Syncline: A Case Study on Southern Kuqa Foreland Basin:** J. Cai, X. Lü
- 12D Paleo-Heat Flow Evolution of the Baiyun Sag, the Pearl River:** Y. Li, Z. Jiang, S. Jiang, K. Xu
- 12E Charging of Oil Fields in Qionghai Uplift: Oil Generated From Multiple Kitchens and Source Rock Intervals:** Y. Quan, Y. Hu
- 12F Nearshore Along-Strike Variability: Characteristics, Controlling Factors and Importance for Stratigraphy and Sediment Delivery – A Case Study From the Luanping Basin, Northern China:** H. Jia, H. Ji, R. Steel
- 13A Integrating Geophysics With Geology to Predict Sand Body Distribution in Fault Basin:** Z. Wei, X. Hua
- 13B Determination of Three Tectonic Styles in the Western Margin of Ordos Basin Using HD Seismic:** Y. Zhou, C. Jing, D. Wu, W. Li

### Theme 6: Unconventional: Plays of China I (EMD/AAPG)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m*

*Chair: Z. He*

- 13C Scale-Dependent Nature of Porosity and Pore Size Distribution in Lacustrine Shales: An Investigation by BIB-SEM and X-ray CT Methods:** J. Li, S. Lu
- 13D Overpressure Generation and Evolution in Wufeng-Longmaxi Shales of Jiaoshiba Shale Gas Field, Sichuan Basin, China:** J. Gao, S. He
- 13E Lithofacies and Deposition Environment of the Fine-grained Depositional Rocks in Saline Lake: A Case Study From the Permian Lucaogou Formation in Jimsar Sag, Junggar, China:** L. Qiu

## Technical Program Wednesday

\* denotes presenter other than first author

- 13F Pore Characterization and Shale Facies Analysis of the Ordovician-Silurian Succession of Northern Guizhou, South China: The Relationship Between Pore Distribution and Shale Facies: Y. Li, J. Schieber, T. Fan
- 14A Pore Characteristics of the Organic-Rich Marine Shales With High Thermal Maturity: A Case Study of the Lower Silurian Longmaxi Gas Shale Reservoirs in Southern China: M. Shi, B. Yu, J. Zhang
- 14B A Combination of N<sub>2</sub> and CO<sub>2</sub> Adsorption to Characterize Nanopore Structure of Organic-rich Lower Silurian Shale in the Upper Yangtze Platform, South China: Implications for Shale Gas Sorption Capacity: L. Chen, Z. Jiang, K. Liu
- 14C 3-D Geological Modeling for Tight Sand Gas Reservoir in Braided River Facies: Z. Guo
- 14D The Discussion of Mechanism of Tight Sandstone's Formation by Shanxi Formation of the Eastern Part of the Ordos Basin: J. Liu, Y. Li\*
- 14E Multiscale Characterization of Shale Oil Reservoirs Using XRF, SEM-EDS, Synchrotron-Based CT Imaging and DCM Modeling: K. Liu, X. Wang, Y. Cao, S. Yang
- 14F Source Rock Characteristics and Hydrocarbon Expulsion Potential of Lower Permian Fengcheng Formation in Fengcheng Area, Junggar Basin, Northwest China: Implications for Tight Oil Potential: T. Hu, X. Pang, F. Jiang
- 15A Diagenesis and Its Impact on Reservoir Quality of Volcanic Rocks – Carboniferous of the Western Junggar Basin, China: C. Fang, H. Ji, H. Jia, C. Li

### Theme 6: Unconventional: Plays of China II (EMD/AAPG)

Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.

Chair: C. Mardi

- 15B Lithofacies and Depositional Environment of the Eocene Kongdian Shale, Cangdong Depression, Bohai Bay Basin, China: Y. Deng, S. Chen, J. Yan
- 15C Pores Characteristics and Influencing Factors of Different Types of Shale in China: M. Wang, S. Liu, H. Tian, J. Fan\*, Y. Hao
- 15D Characterization of Pore-Throat Structure and Prediction of Sweet Spots of the Eocene Low Permeability-Tight Beach-Bar Sandstone Reservoirs in the Dongying Depression, Bohai Bay Basin, China: J. Wang, Y. Cao, K. Liu
- 15E Tight Sandstone Gas Reservoir Characterization of Kuqa Depression, Tarim Basin, China: J. Fan, M. Zhao, K. Liu
- 15F Characterization of Overall Pore Size Distribution Using N<sub>2</sub>AD, MICP, NMR: A Case From Chang 7 Tight Sandstone in Ordos Basin, China: C. Li, G. Liu, Z. Cao
- 16A The Bright Prospect of Quantitative Grain Fluorescence Technique in Applications in Hydrocarbon Accumulation and a New Case Study of Tight Oil and Gas: Q. Yin
- 16B Characteristics of Two Types of Longmaxi Gas-Shale Reservoirs in the Southern Sichuan Basin: Q. Guan, X. Lv, D. Dong, Y. Wang, C. Zhang, S. Hu, S. Jiang
- 16C Evolution of Tight Gas Sandstone Reservoir Properties and Driving Force in Eastern Kuqa Depression, Tarim Basin: S. Guo, X. Lü, Y. Wang
- 16D Tight Oil Reservoir Characterization of the Lower-Middle Permian Lucaogou Formation, Jimusar Sag, Junggar Basin, Northwest China: Q. Wang, H. Ji, D. Yue, W. Wang, M. Wei, N. Wang
- 16E Geological and Microstructural Characterization of the Wufeng-Longmaxi Shale in the Basin-Orogen Transitional Belt of Sichuan Basin, China: A. Zhao, Q. Yu, J. Tan

### Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)

Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.

Chair: L. Evans

- 17A Defining Lateral Lithostratigraphic and Chemostratigraphic Variability Within a Closely-Spaced Array of Drill Cores, Upper Cretaceous Strata, Austin, Texas: H. Rowe, G. Frébourg, S. C. Ruppel
- 17B Authigenic Minerals Formation and Detrital Minerals Accumulation Associated with Tasmanites Cysts and Initial Depositional Porosity in the New Albany Shale, Illinois Basin: B. Liu, J. Schieber
- 17C Chronocorrelation of Eagle Ford-Equivalent Stratigraphy in West Texas Through Integration of Biostratigraphic, Chemostratigraphic and Astrochronologic Data With High Resolution U/Pb Zircon Geochronology of Ash Beds From the Ernst Member (Boquillas Formation: Big Bend National Park) and Eagle Ford Group (Lozier Canyon): E. J. Peavey, M. J. DeLuca, B. Moore, M. P. Wehner, B. V. Miller, M. C. Pope, A. D. Donovan, T. Staerker
- 17D Evaluation Method for Hydrocarbon Cleaning Effect in Kerogen-Rich Gas Shale: X. Dong, J. Sun, C. Xu, P. Y. Zhang
- 17E Uniting Petrophysics and Stratigraphy to Decipher Classified Facies From a Pre-Stack 3-D Inversion: Wolfcamp and Spraberry, Howard County, Midland Basin: S. P. Gardner, K. McDonough\*, R. Lieber, R. Vogler, S. Cook, M. Pollachek
- 18A High-Resolution Reservoir Characterization of the Mixed Carbonate-Siliciclastic Wolfcamp and 3<sup>rd</sup> Bone Spring Sand of the Delaware Basin, West Texas, Using Combined Chemostratigraphic and Mechanical Hardness Data: S. Mandal, J. Zhou, P. F. Rush, M. Quest, S. McWhorther, T. Duplantist
- 18B Using LIDAR Images for Quantitative Analysis of Natural Fractures in Woodford Shale Outcrops Along I-35 in Southern Oklahoma: B. Ginter, I. Cemen
- 18C New Method of Defining Net Thickness in the Bone Spring Sandstones to Identify Prospective Reservoirs Using Petrophysical Attributes and Stochastic Simulation Techniques in the Todd/Apache Areas, Delaware Basin, New Mexico: M. V. Baron
- 18D Rock-Eval Basic/Bulk-Rock vs. Shale Play Methods for Characterization of Unconventional Shale Resource Systems: Application to the Eagle Ford Shale, Texas: S. Ramiro-Ramirez, M. Romero-Sarmiento
- 18E Laboratory Measurement of Mudrock on Porosity, Pore and Pore Throat Size and Permeability: Learnings From Comparison of Techniques: S. Peng, T. Zhang, L. T. Ko, R. G. Loucks, S. C. Ruppel
- 18F Petrophysical Properties From Quantitative Multiscale Pore-Structure Characterization in an Unconventional Carbonate Reservoir: An Example From the Mid-Continent Mississippian Limestones: F. Suriamin, M. J. Pranter

### Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals IV (EMD/AAPG)

Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.

Chair: T. Sun

- 19A The Impact of Salt Precipitates on the XRF Measurement and the Mitigation Strategy – Case Study of the Wolfcamp Formation, Delaware Basin: J. Zhou, S. Mandal, P. F. Rush
- 19B Stratigraphic, Sedimentological and Geochemical Variability in the Eagle Ford Group Across the Stuart City Paleo-Shelf Margin, South Texas: A. Alnahwi, R. G. Loucks, S. C. Ruppel, H. Rowe, R. W. Scott
- 19C Altered Mafic Tuff Mounds From the Upper Cretaceous of Central Texas: The First Economical Unconventional Reservoir?: R. M. Reed, R. G. Loucks



## Technical Program Wednesday

- 19D Advanced Analytical and Isotopic Technologies to Enhance Development Efficiency in Unconventional Resources:** Y. Tang, L. Gao, S. Wu, A. Sneddon, L. Lu, A. Deev
- 19E Decoding Molecular Geochemistry of Kerogen From Marcellus Shale:** V. Agrawal, A. Warrior, S. Sharma
- 19F An Unconventional Exploration Tool for Unconventional Exploration:** L. J. Berent, H. R. Nelson
- 20A The Effects of Lamination/Bedding on the Brittleness for the Woodford Shale Silica-Rich Intervals, From the Wyche-1 Core-Well Analysis, Pontotoc County, Oklahoma:** C. E. Molinaris
- 20B Integrated Kerogen Characterization in Terms of Source Rock Evaluation and SCAL - Case Study From North Kuwait:** J. D. Rao, S. Al Ashwak, M. Al-Dousiri, N. Rao, Q. Dashti, K. Cox
- 20C Updated USGS Resource Assessment of the Spraberry Formation, Midland Basin, Texas:** K. R. Marra
- 20D Storm Bed Sequences and Depositional Environments: Sedimentary Model and Well Correlation for the Utica/Point Pleasant Formations of Eastern Ohio, Appalachian Basin, Ordovician:** J. Pelletier, J. Mathieu, J. Leduc, A. Bertonecello, T. J. Lloyd

### Theme 1: Siliciclastics: Sea-Level, Climatic and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)

*Exhibition Hall D-E / 8:30 a.m. - 12:00 p.m.*

*Co-Chairs: R. Minzoni, D. Wallace and J. Wellner*

- 20E High-Resolution Architecture of Proximal Basin-Floor Deepwater Clastics: Examples From Outcrop, Permian Upper Brushy Canyon Formation, West Texas:** J. J. Melick
- 20F Morphodynamic Modeling of Fluvial Channel Fill and Avulsion Timescales During Early Holocene Transgression, as Substantiated by the Incised Valley Stratigraphy of the Trinity River, Texas:** J. A. Nittrouer, K. Moran, J. B. Anderson, M. M. Perillo, J. Lorenzo-Trueba
- 21A Understanding Estuarine Ravinement Processes at Monthly to Decadal Time Scales Through High-Resolution Geochronologies:** E. A. Elliott, A. Rodriguez, B. McKee, H. Seim
- 21B What Role Has the Presence of the Deweyville Terraces Played in the Formation of Galveston Island and West Galveston Bay?:** L. Breedlove, T. M. Dellapenna
- 21C Shoreface Ravinement of Backbarrier Bay Deposits of Follets Island, a Transgressive Island Barrier Island Along the Northern Gulf of Mexico, Cannot Source Sand Needed for Island Growth:** T. M. Dellapenna, J. Carlin, J. Williams, L. Breedlove, M. Harb
- 21D Ground-Penetrating Radar Study of Gulf of Mexico Holocene Beach Ridges as Sea-Level Indicators:** A. Philbin, M. Blum, G. Tsofilias, W. Johnson
- 21E Water Depths of the Mississippi River Delta Clinof orm Break: Implications for Generating a Global Inventory of Post-LGM Relative Sea Level Rise Estimates:** P. J. Bart, S. Ghoshal
- 21F Characterizing the Stratigraphy of Wave-Dominated Deltas at the Oxnard Plain, California and the Elwha Delta, Washington Using Insights From Ground-Penetrating Radar:** J. Zurbuchen, A. R. Simms
- 22A The Continental Shelf as a Conveyor or Filter: Sediment Character Analysis From Coeval Topset, Foreset and Bottomset Deposits:** G. I. Cosgrove, D. Hodgson, N. P. Mountney, W. D. McCaffrey
- 22B Establishing Foraminifera Based Biofacies Within Shallow Marine Deposits, Carpinteria Slough, California: Implications for Southern California Sea-Level Studies:** J. M. Bentz, A. R. Simms, M. Buzas, P. Buzas-Stephens

- 22C Sequence Stratigraphic Analysis of the Turonian Tununk Shale Member, Henry Mountains Region, Utah: Implications for a Depositional Model of Shelfal Mudstones in Epicontinental Seas:** Z. Li, J. Schieber
- 22D Defining Chronostratigraphic Framework and Clinof orm Evolution Through Seismic Analyses of the Po River Lowstand Wedge (Adriatic Sea): Changes in Sediment Supply and Compartmentalized Basin-Floor Deposits:** C. Pellegrini, K. Bohacs, M. L. Sweet, T. Drexler, A. Asioli, V. Maselli, M. Rovere, F. Gamberi, G. Dalla Valle, F. Trincardi
- 22E Calibrating Deposition of a Tropical Mixed System: Cibao Basin, Dominican Republic:** B. Burke, D. McNeill, J. S. Klaus, P. Swart, G. Sahwell
- 22F Autogenic Response of Shoreline Migration to Sea Level Rise in the Incised Valley Depositional System:** C. Chen, S. Castellort\*, C. Paola
- 23A Spatial-Temporal Variability in Stratigraphic Architectures of the Pearl River Mouth Continental Shelf, Northern South China Sea: An Interactive Response to Regional and Local Controls:** H. Zhuo, Y. Wang, X. Peng, X. Nie, W. Yan, X. Wang, Y. Wang

### Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)

*Exhibition Hall D-E / 8:30 a.m. - 12:00 p.m.*

*Co-Chairs: A. Droxler and P. Harris*

- 23B Abiogenic Carbonate Radial Fans and Spherulites - Important Components of Microbialite Pre-Salt Reservoirs: Insights From the Lower Cretaceous Aptian Yucca Formation, Eastern Margin of the Chihuahua Trough, West Texas, USA:** A. Llanos, X. F. Li, B. Brunner, K. A. Giles, R. Langford
- 23C Pre-Salt Spherulites: Bacterially Induced Initiation of Precipitation:** H. S. Chafetz
- 23D Great Salt Lake, Utah: A Natural Laboratory for Assessing Potential Geobody Dimensions, Reservoir Architectures and Controls in Lacustrine Carbonate Systems:** R. L. Baskin, P. Wright, N. Driscoll, G. Kent
- 23E Evidence of High Temperature Hydrothermal Regimes in the Pre-Salt Series, Kwanza Basin, Offshore Angola:** J. Girard, G. San Miguel
- 23F Upper Cambrian Microbial Reefs and Inboard/Outboard Facies Associations, Central Texas:** P. Khanna, H. H. Hopson, J. M. Proctor, A. W. Droxler, D. Lehrmann, P. Harris
- 24A New Insight Into the Shark Bay Microbial System, Part 2: Carbonate Factory:** R. Reid, E. P. Suosaari, P. Playford, C. Mercadier, P. Giusfredi, B. Vitek, G. Eberli
- 24B Environmental and Sequence Stratigraphic Control on Microbialite Morphology and Microfacies in a Marine Mixed Carbonate Siliciclastic System, Upper Cambrian Point Peak Formation, Llano River and Mill Creek, Mason County, Central Texas:** C. Kelleher, J. Liu, L. Yazbek, A. Lhemann, L. Mercado, H. H. Hopson, P. Khanna, D. Lehrmann, A. W. Droxler, P. Harris
- 24C Internal Structures and Fabrics of Upper Cambrian Microbial Buildups (Mason County, Central Texas):** H. H. Hopson, P. Khanna, P. Singh, J. M. Proctor, A. W. Droxler, D. Lehrmann, P. Harris
- 24D Ultimate Demise of Upper Cambrian Microbial Reefs Through Increasing Water Column Turbidity (Mason County, Central Texas):** P. Singh, Y. Zhou, R. P. Trotta, A. W. Droxler, H. H. Hopson, P. Khanna, D. Lehrmann, D. A. Droxler, D. Rodelli, L. Jovane, P. Harris, J. Dravis
- 24E Computed Tomographic Core Scanning to Generate a Carbonate Diagenesis Log in Upper Cambrian Microbial Buildups (Mason County, Texas):** J. M. Proctor, H. Hopson, P. Khanna, A. W. Droxler, N. Derzhi, D. Lehrmann, P. Harris
- 24F Domal Thrombolitic Microbial Biostromes in the Upper Albian Devils River Limestone Along the Northern High-Energy Margin of the Maverick Basin:** R. G. Loucks

## Technical Program Wednesday

\* denotes presenter other than first author

- 25A Paleocological Variations Recorded in a Shallow Lacustrine Formation: The Upper Eocene of the Issirac Basin (SE France):** A. Lettéron, F. Fournier, Y. Hamon, P. Joseph, L. Villier
- 25B Stable Isotope and Elemental Geochemistry Reveal Environmental Controls and Diagenetic Modification of Microbialite Facies Within a Sequence Stratigraphic Framework, Upper Cambrian Point Peak Formation, Llano River and Mill Creek, Mason County, Central Texas:** H. Swartz, D. Lehrmann\*, C. Kelleher, A. Lhemann, M. Suarez, H. H. Hopson, P. Khanna, A. W. Droxler, P. Harris
- 25C Microfacies Analysis of the Microbial Thrombolite Buildup in the Oxfordian Smackover Formation, Little Cedar Creek Field, Alabama:** N. Odegaarden, B. Kirkland, E. Heydari, L. Baria, J. Mitchell, J. Mitchell
- 25D Origin of Silica in Pre-Salt Carbonates, Kwanza Basin, Angola:** Z. Poros, E. Jagniecki, J. Luczaj, J. Kenter, B. Gal, T. S. Correa, E. Ferreira, M. Heumann, A. Elifritz, M. Johnston, K. A. McFadden, V. Matt

### Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)

*Exhibition Hall D-E / 8:30 a.m.–12:00 p.m.*

*Co-Chairs: A. Al-Tawil and C. Lehmann*

- 25E Integrated Core Studies of the Mishrif Formation, Rumaila Field, Southern Iraq:** K. Totton, J. A. Gardner, C. Lehmann\*, A. Matthews, M. Pointing
- 25F Sequence Stratigraphy and Chemostratigraphy of the Upper Khuff Carbonates, Ghawar Field, Saudi Arabia:** R. Al-Dukhayyil, J. Read, A. Al-Tawil
- 26A Paleokarst System Controlled by Unconformities, Paleogeomorphology and Faults: A Case Study From the Tazhong Area, Tarim Basin, China:** X. Geng, B. Wu, C. Lin
- 26B Cambrian Hydrocarbon Migration System and Reservoir-controlling Pattern of Anyue Gas Field, Sichuan Basin:** R. Yu, D. Chen, X. Pang
- 26C The Main Controlling Factors and Characteristics of Cambrian Pre-salt Dolomite Reservoirs in Tazhong Area, Tarim Basin, North-West China:** X. Ni, L. Huang, Y. Chen, J. Zheng, Y. Xiong, Y. Zhu, P. Yang, C. Li
- 26D Discovery of Giant, Ultra-deep Paleo-Reservoirs in the Tarim Basin and Geochemical Origin of Crude Oil:** G. Zhu, F. Chen, N. Weng, H. Yang, H. Wang
- 26E Palaeogeomorphology and Its Controlling Effect on Karst Reservoirs in Tahe Oilfield, Tarim Basin:** C. Han
- 26F Facies Characterization and Sequence Stratigraphy of Early Cretaceous Yamama and Sulaiy Formations, Northeastern Saudi Arabia:** F. M. Alkhalidi

### Wednesday Afternoon Oral Sessions

#### Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)

*General Assembly A*

*Co-Chairs: P. Montoya, J. Ochoa and J. Snedden*

- 1:15 **Introductory Remarks**
- 1:20 **Early Paleozoic to Recent Plate Animation of Gulf of Mexico Evolution as a Framework for Understanding Its Diverse Hydrocarbon Resources:** P. Mann, L. Nguyen, M. Kouassi, M. Almatrood
- 1:40 **Basement Structure and Jurassic Evolution of the Southern Gulf of Mexico Salt Province:** M. Hudec
- 2:00 **Implications of Early Gulf of Mexico Tectonic History for Distribution of Upper Jurassic to Mid Cretaceous Source Rocks in Deep Water Exploration Areas of U.S. and Mexico:** A. Pepper, J. Pindell\*

- 2:20 **New Hydrocarbon Plays in the Gulf of Mexico – Potential of Jurassic Clastic Plays on Both the Yucatan and Florida Margins:** B. W. Horn, J. Pindell, C. Steffensen, R. Graham
- 2:40 **Late Cretaceous-Tertiary Shortening and Uplift History in Southern Mexico and Implications for Sedimentation in Southern Gulf of Mexico:** R. Graham, J. Pindell, M. Sierra, J. Granath, U. Martens
- 3:00 **Refreshment Break**
- 3:25 **Spatial, Temporal and Detachment-Level Variations in Thin-Skinned Deformation, Gulf Basin, USA and Mexico:** M. G. Rowan
- 3:45 **Tectonic Evolution of a Mixed Salt-Shale-Detached Deepwater Fold and Thrust Belt in the Eastern Salina del Bravo Province, Western Gulf of Mexico:** H. Gutierrez-Moreno, J. Adam
- 4:05 **Late Oligocene Reorganization of the Drainage Divide In Western Gulf of Mexico:** C. A. Parsons, M. A. Murphy
- 4:25 **Tectonic Controls on the Lower Eocene Upper Wilcox Deepwater Fan System Offshore Northern Mexico: Implications for Reservoir Presence and Quality Prediction:** R. Winter, A. S. Afifi, L. Becker, M. Moreno-Vega, J. Jaminski, J. O'Leary, T. Heyn
- 4:45 **Structural Domain Mapping in the Mexican Perdido Fold Belt Trend, Deep Water Gulf of Mexico: Description and Characterization:** A. S. Afifi, L. Becker, M. Moreno-Vega, D. Dailey, J. Jaminski

#### Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)

*General Assembly B*

*Co-Chairs: A. Harris, J. Melick and T. Sømme*

- 1:15 **Introductory Remarks**
- 1:20 **Global Geomorphological Relationships of Source to Sink Segments and Implications for Predicting Subsurface Reservoir Characteristics:** B. Nyberg, W. Helland-Hansen, C. H. Eide
- 1:40 **Sediment Dispersal Pattern of the Paleogene Wilcox Formation in the Deep-Water Gulf of Mexico Basin Based on Detrital Zircon Analysis and Forward Modeling:** L. Masalimova, O. Falivene, T. Lawler, A. Ichaso, M. Jaminski, A. Ozkan, S. Jackett, M. McDonald, A. Frascati, S. Bergman, A. Morton, F. Dirk
- 2:00 **Quantifying Sediment Supply to Continental Margins: Application to Paleogene Wilcox Group Deposition, Gulf of Mexico:** J. Zhang, J. A. Covault, M. Pycrcz, C. Carvajal, K. T. Milliken, G. Sharman
- 2:20 **Sediment Source of Lower Miocene Strata in the Gulf of Mexico Basin: Insight From Detrital Zircon U–Pb Geochronology and (U–Th)/He Thermochronology:** J. Xu, D. F. Stockli, J. W. Snedden
- 2:40 **Small Rivers and Big Fans: New Geochronologic Constraints From the Miocene-Pliocene Deep-Water Mexican Continental Margin:** J. A. Covault, D. F. Stockli, A. Fildani, G. Sharman, J. W. Snedden
- 3:00 **Refreshment Break**
- 3:25 **Early Cenozoic Drainage Reorganization of the U.S. Western Interior-Gulf of Mexico Sediment Routing System:** G. Sharman, J. A. Covault, D. F. Stockli, A. F. Wroblewski, M. A. Bush
- 3:45 **Complex Response of Fluvial Systems to Extreme Global Warming at the Paleocene-Eocene Boundary:** S. Castellort, C. Chen, L. Guerit, B. Foreman, T. Adatte
- 4:05 **Fluvial Systems: Scaling Relationships, Predictive Facies Models and Subsurface Application:** A. Hartley, A. Owen, G. Weissmann, L. Scuderi
- 4:25 **Integrating a Turbidity Current Process Model in Source to Sink Analyses: The EuroSEDS Sediment Budget Estimator App:** J. Eggenhuisen, G. van der Grind, M. Tilston, Y. Spsychala, J. de Leeuw, F. Pohl, M. Cartigny
- 4:45 **Sediment Dispersal Patterns in the Denver Basin Foreland: Insights From Detrital Zircon U–Pb Geochronology:** G. Sharman, D. F. Stockli, V. Miranda, J. A. Covault



## Technical Program Wednesday

### Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing and Other Oil Recovery Best Practices (DEG)

General Assembly C

Co-Chairs: J. Aldrich and J. Boak

- 1:15 **Introductory Remarks**
- 1:20 **Spatial Risk Analysis of Hydraulic Fracturing Near Abandoned and Converted Oil and Gas Wells:** J. W. Brownlow, J. C. Yelderman, Jr., S. C. James
- 1:40 **Geologic Characterization of Johnson County, Texas:** H. Eastman, T. Murin
- 2:00 **Induced Seismicity in the Denver Basin Prompts Updated Basement Stress and Fault Configuration Model:** M. J. Harty, M. W. Bauer
- 2:20 **Patterns of Induced Seismicity in Central and Northwest Oklahoma:** J. Boak
- 2:40 **Operational Practices and Their Influence on Injection-Induced Earthquakes: Lessons Learned From a Statewide Survey of Brine Disposal in Kansas:** T. S. Bidgoli, C. Jackson

### Theme 7: Energy & Environment: Climate, Environment and Challenges to the Industry (DEG)

General Assembly C

Co-Chairs: T. Murin and J. Rine

- 3:20 **Introductory Remarks**
- 3:25 **A Comparison of Options for the U.S. Petroleum Industry in Dealing With Climate Change – Regulations, Carbon Fees, or “Business as Usual”:** J. M. Rine
- 3:45 **Climate Risk and the Fossil Fuel Industry:** J. Krane
- 4:05 **Examination of Factors Contributing to the Growth and Loss of Wetlands in Louisiana:** R. A. Olea, J. L. Coleman\*
- 4:25 **Offshore CO<sub>2</sub> Storage Resource Assessment of the Northwest Gulf of Mexico Inner Continental Shelf, Upper Texas – Western Louisiana Coast:** R. H. Trevino, T. A. Meckel, M. Olariu, D. Dunlap, M. V. Deangelo, J. Lu, R. Sabbagh, A. Klokov, S. Hosseini, A. Goudarzi
- 4:45 **Recommended Practices for Baseline Sampling of Water Sources in Areas of Shale Oil and Gas Development:** L. Molofsky, S. D. Richardson, A. Gorody, F. Baldassare, J. Kromann, A. Smith, J. Connor, D. Cerceone

### Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)

Room 370

Co-Chairs: L. Bryndzia and C. Laughrey

- 1:15 **Introductory Remarks**
- 1:20 **Brittleness in Siliceous Mudrocks: Part 1 - Origins:** C. D. Hall
- 1:40 **A Diagenetic and Paleomagnetic Study of the Woodford Shale, Oklahoma:** J. Roberts, R. Elmore, G. Heij, R. Brito, S. Dulin, G. Heard, S. J. Pannalal
- 2:00 **Advancement in Source Rock Porosity and Fluid Characterization Using Core NMR:** M. L. Boyce, K. H. Gawankar
- 2:20 **Correlative Study With Raman Microscopy and Optical Petrography for Investigation of Organic Matter Within Mudstones:** G. Myers, K. Kehoe, P. Hackley
- 2:40 **Comparing and Contrasting Analytically Quantified Porosity and Pore Size Distributions in the Wolfcamp Formation From SEM Imaging, Nuclear Magnetic Resonance (NMR) and Crushed Rock Core Analysis:** S. E. Perry, J. Walls, T. Hintzman
- 3:00 **Refreshment Break**
- 3:25 **Understanding Controls on EUR in the Haynesville Shale Gas Play: It's All About the In-situ Density and Pressure of Methane Gas:** L. T. Bryndzia, C. Macaulay, A. Litvinchuk
- 3:45 **Molecular and Isotopic Compositions and Origins of Sweet and Sour Gases From the Montney and Doig Phosphate Formations, Northeast British Columbia, Canada:** C. D. Laughrey, M. G. Adams

- 4:05 **Calcite Vein Formation in the Utica-Point Pleasant Formations of the Appalachian Basin: Estimating Methane Density and Pressure Using Micro Laser Raman Spectroscopy and Timing of Vein Formation Using Fluid Inclusion (FI) Microthermometry:** C. Macaulay, L. T. Bryndzia, A. Litvinchuk
- 4:25 **Down-Hole Raman Reservoir Spectrometer (DRRS): A Novel New Raman Spectroscopy Logging Technology for the Rapid Appraisal of Shale Gas Resource Potential:** L. T. Bryndzia, Q. Morgan, P. Christian\*
- 4:45 **Quantitative Evaluation of Diagenesis and Porosity Evolution of Tight Sandstone Reservoirs: A Case Study of Yanchang Formation in the Ordos Basin, China:** B. Li, X. Pang, F. Jiang

### Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)

Room 361

Co-Chairs: J. Liao and R. Locklair

- 1:15 **Introductory Remarks**
- 1:20 **Characterization of Faults on the Flanks of the Llano Uplift for Application to Understanding Seismogenic Faults in the Subsurface of the Fort Worth Basin:** P. Hennings, J. L. Osmond, H. DeShon
- 1:40 **Toward the Creation of Models to Predict Static and Dynamic Fault Seal Potential in Carbonates:** J. Solum, B. Huisman
- 2:00 **Using Quantitative Fault Seal Analysis to Reduce Risk in Assessing Prospect Fill Scenarios: A Case Study From the Sole Pit Basin (Southern North Sea):** D. Quinn, B. O Sullivan, P. Bretan, G. Yielding
- 2:20 **4-D Fault Seal Analysis by Fault Displacement Backstripping:** B. Freeman, G. Yielding
- 2:40 **Fault History Diagrams: Rapid Analysis of Temporal Variations in Fault Throw and Lithological Juxtaposition:** S. Mücklich, H. Anderson, C. Reilly
- 3:00 **Refreshment Break**
- 3:25 **Comparing Shale Gouge Ratio and Juxtaposition Analysis Using Stochastic Trap Analysis: Examples From Gippsland, Taranaki, Malay and Southern North Sea Basins:** T. A. Murray, D. Richards, T. Johnson, G. Christie
- 3:45 **A Quantitative Model of the Internal Structure of Fault Zones:** C. Childs, T. Manzocchi, J. J. Walsh, G. Camanni, V. Roche
- 4:05 **The Development and Applications of Elliptical Fault Flow: A New Kinematic Algorithm to Model and Restore Isolated Normal Faults:** E. Macaulay, H. Anderson
- 4:25 **Investigations Into the Mechanics and Kinematics of Extensional Fault Systems:** A. Hughes
- 4:45 **Practical and Efficient Three Dimensional Structural Restoration Using “Geological Knowledge-Oriented” Earth Models:** D. A. Medwedeff, S. N. Jayr, P. J. Lovely

### Theme 1: Siliciclastics: Sea-Level, Climatic and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)

Room 360

Co-Chairs: P. Bart, A. Rodriguez and A. Simms

- 1:15 **Introductory Remarks**
- 1:20 **The R/V Lone Star in Belize: A Strong Showcase of Siliciclastic-Carbonate Co-habitation:** A. W. Droxler
- 1:40 **Partitioning of Longshore Versus River-derived Mud on the Inner Shelf of the Modern Asymmetric Wave-Influenced Brazos Delta, Texas Gulf Coast, USA:** D. Rice, J. S. Wellner\*, J. P. Bhattacharya
- 2:00 **How to Make a 350-m Thick Lowstand Systems Tract in 17,000 Years: The Late Pleistocene Po River Lowstand Wedge:** C. Pellegrini, A. Asioli, K. Bohacs, T. Drexler, F. Gamberi, V. Maselli, M. Rovere, F. Trincardi
- 2:20 **From Paleohurricanes Through Source to Sink Research: Highlighting Recent Coastal Geology Contributions From John B. Anderson:** D. J. Wallace

## Technical Program Wednesday

\* denotes presenter other than first author

- 2:40 **Coupled Barrier Island-Bay Collapse During the 8.2 ka Sea-Level Event and Future Implications:** S. Warny, S. Ferguson, J. B. Anderson, A. R. Simms
- 3:00 **Refreshment Break**
- 3:25 **Ecological Evidence of Holocene Flooding and Eutrophication in Texas Bays:** R. T. Minzoni, J. B. Anderson, D. J. Wallace, S. Warny, A. R. Simms
- 3:45 **Stratigraphic Record of Washover Deposition Shows Rapid Response of Barrier Islands to Sea-Level Rise:** A. Rodriguez, E. Theuerkauf, J. Ridge, W. Yu
- 4:05 **Bayhead Deltas and Shorelines: Insights From Modern and Ancient Examples:** A. R. Simms, A. Rodriguez, J. B. Anderson
- 4:25 **Sediment Flux Variations Correlated With Climate Zones of the Gulf of Mexico for the Past 10kyr – Testing the BQART Equation:** K. T. Milliken, J. B. Anderson, A. R. Simms, M. Blum
- 4:45 **Mechanisms for Formation of “Isolated Shelf Sand Reservoirs”: Synthesis of Insights Gained From 3-D Seismic, Outcrops & Core:** L. F. Krystinik, R. S. Martinsen

### Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)

Room 351

Co-Chairs: S. Nwoko and T. Rynott

- 1:15 **Introductory Remarks**
- 1:20 **The Future of Energy and Geoscience Careers:** C. Wilhelm
- 1:40 **Looking Beyond the Bust: Energy Trends Into the Next 50 Years – Geoscientists Will Continue to Meet the World’s Energy Needs:** L. F. Krystinik
- 2:00 **Global Implications of the U.S. Shale Scene: Millennials, It’s in Your Hands Now:** S. W. Tinker
- 2:20 **Professionalism and Ethics in Geology: Use It or Lose It!:** S. Sonnenberg
- 2:40 **Ten Steps to Successful Exploration and Development:** J. Aldrich
- 3:00 **Refreshment Break**
- 3:25 **Opportunities for Geoscientists Beyond the Conventional:** D. Hawk
- 3:45 **Career Path Choices: Technical, Managerial, or Something Else?:** C. Collarini
- 4:05 **A Simplified Competency Framework for Career Development of Earth Science Subject Matter Experts:** E. Johnson, V. Sare, G. Greaser
- 4:25 **Breakthrough Business Opportunities in the Oil Industry for YPs and “Small Team” Geoscientists:** S. Nash
- 4:45 **Pitfalls and Unicorns: Secrets to a Successful Career While Chasing Hydrocarbons:** T. Rynott

### Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)

Room 342

Co-Chairs: T. Correa and N. Purcell

- 1:15 **Introductory Remarks**
- 1:20 **Organic Carbon Isotopes From Halites: A New Approach to Studying Evaporite Sequences:** A. H. Caruthers, S. E. Kaczmarek, M. Rine, D. Grocke
- 1:40 **Carbonate-Dominated Hybrid Sediment Gravity Flows Within the Upper Wolfcamp, Delaware Basin, USA: Vectors for Transmitting Terrestrial Organics Into a Deep Marine Basin:** E. P. Kvale, C. Flenthrope, C. Mace
- 2:00 **Bone Spring Formation High Resolution Sequence Stratigraphy, Northern Delaware Basin, Eddy and Lea Counties, New Mexico:** C. B. Crosby, J. D. Pigott, K. L. Pigott
- 2:20 **Yeso Formation Along the Northwest Shelf, Southeast New Mexico, USA: Conventional or Unconventional Reservoir Development?:** M. S. Wasson, R. Luongo, R. Stiles, M. A. Trees
- 2:40 **Diagenetic History of Lower Leonardian Strata in the Eastern Midland Basin: Implications for Fluid Flow and Predicting Reservoir Quality:** E. de Zoeten, R. H. Goldstein, P. M. Dillet

### Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)

Room 342

Co-Chairs: J. Bishop, M. Frazer and C. John

- 3:20 **Introductory Remarks**
- 3:25 **Confocal and Transmitted Light Petrography of Cementation and Grain Types in a High-Energy Upper Shoreface to Foreshore Carbonate Strandline, Pleistocene (MIS 5e) West Caicos Island, Turks and Caicos, BWI:** S. Bachtel, C. Kerans, N. F. Hurley, N. Miller
- 3:45 **Modeling Stratigraphic Controls on Dolomitisation at the Inter-well Scale: The Assoul Formation Case Study (Central High Atlas, Morocco):** T. Gabellone, F. F. Whitaker
- 4:05 **Reconstructing Surface and Subsurface Paleohydrology Using Evidence From Caves, Paleosprings and Travertine in the Arbuckle Mountains, Southern Oklahoma, USA:** K. W. Blackwood, J. Richins
- 4:25 **Reservoir Implications of Clumped Isotope Investigation and Micro-CT Imaging of Early Dolomite:** C. Veillard, C. M. John, S. Krevor
- 4:45 **Understanding the Scale of Calcite Mass Transfer in a Nanoporous Reservoir, Cretaceous Niobrara Formation, Denver Basin, Colorado:** R. Simon, D. Budd

### Theme 10: International Regions: Asia Pacific, Middle East and Canada (AAPG)

Room 322

Co-Chairs: M. Blair, S. Hajri, D. Minken

- 1:15 **Introductory Remarks**
- 1:20 **The Emergence of Myanmar as the New Focus for Exploration in the Region – Fact or Fiction?:** P. Grant, S. Suleiman, E. Intriери, N. Hashim, S. Tulot, A. Dimabuyu, D. Mair
- 1:40 **Tectono-Stratigraphic Evolution of the Southern Red Sea, Jizan Basin, Saudi Arabia:** R. Alasad, O. Soliman, O. Bakare, P. Brenac, C. Reid
- 2:00 **Revisiting the Petroleum Potentials of Lebanon: What Did We Learn From Recent Studies and the New Major Discoveries in the Levant Region?:** F. H. Nader
- 2:20 **Oman Challenging Geology: Success Never Ends:** S. A. Al-Mahrouqi, M. Al-Shaibani, J. Owens
- 2:40 **Application of Forward Stratigraphic Modeling in Deep-Water Shale Basins; Insights from the Devonian Horn River Basin, BC, Canada:** K. Ayranci, T. Dong, N. Harris
- 3:00 **Flow-Back Frac Water Composition – Rock-Fluid Interaction in the Montney Shale Controlled by Faults and Maturity Domain:** J. D. Chatellier
- 3:20 **Mechanisms for the Redistribution of Mud Across a Low-Gradient Basin: Colorado Group Shale, west-central Alberta, Canada:** E. Percy, P. K. Pedersen
- 3:40 **An Alternate Model for the Deposition of the Upper Ordovician Red River Formation (Bighorn Group; Canadocian/Ashgillian) in the Williston Basin of Southeast Saskatchewan, Canada.:** J. H. Lake



## AAPG Earth Science Educator Program

Through a generous grant from the AAPG Foundation, a variety of opportunities are available to middle-school, high-school, and community college Earth science educators. Activity details can be found at: [ACE.AAPG.org](http://ACE.AAPG.org). *Please note all activities will take place at the George R. Brown Convention Center unless otherwise noted.*



### Earth Science Educator Field Trips

**Day:** Saturday  
**Time:** 8:00 a.m.–5:00 p.m. & 8:00 a.m.–2:00 p.m.  
**Location:** George R. Brown Convention Center

**\*SOLD OUT\*** Ground Penetrating Radar Field Trip  
 8:00 a.m.–5:00 p.m.

**\*SOLD OUT\*** Morphology and Sedimentology of Panther Creek Field Trip  
 8:00 a.m.–2:00 p.m.

*Field trips will begin and end at the Avenida South Transit Center connected to the George R. Brown Convention Center on level 2.*

### Earth Science Educator Symposium

**Day:** Sunday  
**Time:** 9:00 a.m.–3:45 p.m.  
**Location:** Room 350 D/E/F

90-minute sessions for middle, high-school, and community college educators explore topics including careers in geosciences, robotic exploration, the use of seismic in resource exploration, petroleum in a changing world, and future oil and gas exploration.

### Walking Tour of the Geology and Architecture of Houston's Downtown Buildings

**Day:** Sunday  
**Time:** 4:15 p.m.–5:45 p.m.  
**Location:** Outside Marriott Marquis Hotel

### Icebreaker Reception

**Day:** Sunday  
**Time:** 5:00 p.m.–7:30 p.m.  
**Location:** Exhibition Halls D/E

### Earth Science Educator ACE Participation

**Days:** Monday & Tuesday  
**Time:** 7:15 a.m.–5:50 p.m.  
**Location:** Room 350 F

Middle, high-school, and community college educators are invited to explore the exhibition hall and attend technical presentations to learn about the petroleum industry and to interact with representatives from industry, organizations, and universities.

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## Presenter Cross Reference

A

Presenter	Day	a.m./p.m.	Time/Booth	Location	Session Title
Abay, Tesfamariam	Monday	a.m. 10E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)	
Abouelresh, Mohamed	Tuesday	p.m. 6E	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)	
Aboushouq, Reem	Tuesday	a.m. 17B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)	
Abrahamsson, Karin	Monday	p.m. 2D	Exhibition Hall D/E	SEPM Student Posters I	
Abrams, Michael	Monday	p.m. 3:45	351	Theme 8: Emerging Frontiers: Seep Hunters: Validating Charge in Wildcat Settings for Better Results (AAPG)	
Abrams, Michael	Wednesday	a.m. 10:50	361	Theme 3: Geochemistry/Petroleum Systems: Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)	
Abreu, Vitor	Tuesday	a.m. 8:45	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 I	
Achang, Mercy	Monday	a.m. 20E	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)	
Adam, Ammar	Monday	p.m. 11F	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)	
Adams, Don	Wednesday	a.m. 10:30	360	Theme 9: Geophysics: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)	
Afifi, Ahmed	Wednesday	p.m. 4:45	General Assembly A	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)	
Afuye, Taiwo	Monday	a.m. 5D	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)	
Agrawal, Vikas	Wednesday	a.m. 19E	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals IV (EMD/AAPG)	
Ahsan, Naveed	Tuesday	a.m. 7F	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)	
Akintunde, Olusoga	Tuesday	a.m. 10F	Exhibition Hall D/E	Theme 7: Energy & Environment: Reclamation and Greenhouse Gas Sequestration Techniques and Best Practices	
Akondi, Rawlings	Monday	a.m. 21A	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)	
Al Atwah, Ibrahim	Monday	a.m. 12B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)	
Alasad, Rawan	Wednesday	p.m. 1:40	332	Theme 10: International Regions: Asia Pacific, Middle East and Canada (AAPG)	
Alcalde, Rene	Wednesday	a.m. 9A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)	
Aldrich, Jeff	Wednesday	p.m. 2:40	351	Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)	
Al-Dukhayil, Raed	Wednesday	a.m. 25F	Exhibition Hall D/E	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)	
Al-Ghamdi, Nasser	Monday	p.m. 2:20	342	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)	
Alhakeem, Aamer	Tuesday	a.m. 26D	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)	
AlKawai, Wisam	Monday	a.m. 9D	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)	
Alkhaldi, Fawwaz	Wednesday	a.m. 26F	Exhibition Hall D/E	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)	
Al-Mahrouqi, Salim	Wednesday	p.m. 2:20	332	Theme 10: International Regions: Asia Pacific, Middle East and Canada (AAPG)	
Alnahwi, Ahmed	Wednesday	a.m. 19B	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals IV (EMD/AAPG)	
Alqahtani, Saleh	Monday	a.m. 24C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)	
Alrowaie, Mohammad	Monday	a.m. 14B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)	
Alsharhan, Abdulrahman	Tuesday	a.m. 6B	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)	
Alvey, Andy	Tuesday	p.m. 4:05	351	Theme 10: International Regions: Europe (AAPG)	
Alvey, Andy	Wednesday	a.m. 8:45	370	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)	
Alzayer, Yaser	Monday	p.m. 4:05	370	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)	
Ambrose, William	Tuesday	a.m. 10:05	332	Theme 11: Future of Energy: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (AAPG)	
Ameen, Mohammed	Monday	p.m. 1:20	370	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)	
Amosu, Adewale	Wednesday	a.m. 4C	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42	
Amosu, Adewale	Wednesday	a.m. 4D	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42	



## Exhibitor Directory

Amy, Lawrence	Monday	a.m.	10:50	361	Theme 1: Siliciclastics: Contributions From Numerical and Physical Models: From Fluvial to Deepwater (SEPM)
Anastasio, David	Monday	a.m.	11:10	370	Theme 4: Structure/Geomechanics: Contractual Structure and Tectonics (AAPG)
Anderson, Andrew	Tuesday	a.m.	7B	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
Andrew, Matthew	Monday	p.m.	2:20	General Assembly A	Theme 6: Unconventional: Advances in Unconventional Petroleum Systems and Source Rocks (EMD/AAPG)
Anjos, Sylvia	Tuesday	a.m.	11:30	351	Theme 10: International Regions: Latin America (AAPG)
Aqrawi, Ahmed	Tuesday	p.m.	21B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Arango, Irene	Monday	p.m.	2:00	General Assembly A	Theme 6: Unconventional: Advances in Unconventional Petroleum Systems and Source Rocks (EMD/AAPG)
Ardakani, Ellie	Monday	p.m.	26A	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Arévalo-López, Humberto	Wednesday	a.m.	10:50	360	Theme 9: Geophysics: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)
Arnott, Bill	Monday	a.m.	11:10	361	Theme 1: Siliciclastics: Contributions From Numerical and Physical Models: From Fluvial to Deepwater (SEPM)
Ashley, Alexandra	Tuesday	p.m.	15A	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Auchter, Neal	Tuesday	p.m.	25C	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Ayodele, Irewole	Tuesday	p.m.	14E	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Ayranci, Korhan	Wednesday	p.m.	2:40	332	Theme 10: International Regions: Asia Pacific, Middle East and Canada (AAPG)
<b>B</b> Babazadeh, Mohsen	Tuesday	a.m.	10C	Exhibition Hall D/E	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing, and Other Oil Recovery Best Practices (DEG)
Bachtel, Steve	Tuesday	p.m.	3:25	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42 II
Bachtel, Steve	Wednesday	p.m.	3:25	342	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Baek, Seunghwan	Monday	p.m.	4:05	General Assembly A	Theme 6: Unconventional: Advances in Unconventional Petroleum Systems and Source Rocks (EMD/AAPG)
Bai, Hua	Wednesday	a.m.	10F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Baig, Adam	Tuesday	a.m.	16E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Baran, Zeynep	Monday	a.m.	26A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Barnes, B. Davis	Tuesday	p.m.	6C	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)
Barnes, Cornelius	Monday	p.m.	20A	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
Baron, Marielis	Wednesday	a.m.	18C	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)
Barrett, Bonita	Wednesday	a.m.	4F	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42
Barrios, Ernesto	Monday	a.m.	10B	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
Bart, Philip	Wednesday	a.m.	21E	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Baskin, Robert	Wednesday	a.m.	23D	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Basnett, Andrew	Tuesday	p.m.	1F	Exhibition Hall D/E	SEPM Student Posters II
Baudon, Hugues	Monday	a.m.	11:30	360	Theme 9: Geophysics: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)
Bauer, Matthew	Monday	p.m.	21D	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
Bauman, Peter	Tuesday	a.m.	25F	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Baumgardner, Sarah	Monday	p.m.	9E	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Beaman, Melissa	Monday	a.m.	25A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Becerra-Rondon, Daniela	Monday	a.m.	18C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Beckham, Emily	Tuesday	a.m.	11B	Exhibition Hall D/E	Theme 7: Energy & Environment: Reclamation and Greenhouse Gas Sequestration Techniques and Best Practices
Bédir, Mourad	Monday	a.m.	11:30	351	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Bega, Zamir	Tuesday	p.m.	4:25	351	Theme 10: International Regions: Europe (AAPG)
Bell, Daniel	Tuesday	a.m.	2C	Exhibition Hall D/E	AAPG Student Posters II

## Presenter Cross Reference

Bell, Daniel	Tuesday	p.m.	26F	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Benard, Eber	Tuesday	a.m.	25D	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Beniest, Anouk	Wednesday	a.m.	8:25	370	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Bentz, John	Wednesday	a.m.	22B	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Berent, Louis	Monday	a.m.	15B	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergence of Exploration and Development (AAPG)
Berent, Louis	Wednesday	a.m.	19F	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals IV (EMD/AAPG)
Berg, Charles	Tuesday	a.m.	14F	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Berger, William	Tuesday	p.m.	23C	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Bergmann, Kristin	Wednesday	a.m.	11:30	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Bernardo, Luis	Tuesday	a.m.	8:25	370	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain (AAPG)
Betzler, Christian	Wednesday	a.m.	10:30	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Bhattacharya, Joyeeta	Tuesday	p.m.	24A	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Bhattacharya, Shuvajit	Monday	a.m.	19B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Bidgoli, Tandis	Tuesday	a.m.	10E	Exhibition Hall D/E	Theme 7: Energy & Environment: Reclamation and Greenhouse Gas Sequestration Techniques and Best Practices
Bidgoli, Tandis	Wednesday	p.m.	2:40	General Assembly C	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing and Other Oil Recovery Best Practices (DEG)
Bilal, Abdullah	Wednesday	a.m.	10E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Birdwell, Justin	Monday	a.m.	18D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Birdwell, Justin	Monday	p.m.	13A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Birdwell, Justin	Monday	p.m.	13B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Bishop, James	Monday	p.m.	10E	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Bjørlykke, Knut	Tuesday	a.m.	11:10	360	Theme 1: Siliciclastics: Quantitative Reservoir Quality Prediction and Clastic Diagenesis (SEPM)
Black, Bruce	Tuesday	p.m.	14A	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Blackwood, Kevin	Wednesday	p.m.	4:05	342	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Blanco, Vladimir	Monday	p.m.	16B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Blood, David	Monday	a.m.	11:10	General Assembly A	Theme 6: Unconventional: Advances in Mudstone and Organic Matter Depositional Processes (EMD/AAPG)
Boak, Jeremy	Wednesday	p.m.	2:20	General Assembly C	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing and Other Oil Recovery Best Practices (DEG)
Bode-Omoleye, Ibukunoluwa	Tuesday	p.m.	2D	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Boffo, Carolina	Monday	p.m.	9B	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Bohacs, Kevin	Tuesday	a.m.	8:25	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 I
Bolaas, Hege	Monday	a.m.	8:45	370	Theme 4: Structure/Geomechanics: Contractual Structure and Tectonics (AAPG)
Bosworth, William	Wednesday	a.m.	10:50	351	Theme 10: International Regions: Africa (AAPG)
Bourget, Julien	Tuesday	p.m.	4:25	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42 II
Boyce, Matt	Wednesday	p.m.	2:00	370	Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)
Bozetti, Guilherme	Tuesday	p.m.	26D	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Braccini, Eric	Monday	p.m.	3C	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Breedlove, Lindsay	Wednesday	a.m.	21B	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)



## Presenter Cross Reference

Brennan, Stephen	Monday	a.m.	8F	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
Brito, Richard	Monday	a.m.	8:25	General Assembly A	Theme 6: Unconventional: Advances in Mudstone and Organic Matter Depositional Processes (EMD/AAPG)
Broichhausen, Heike	Monday	p.m.	1:40	370	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Brooks, Hannah	Tuesday	p.m.	26B	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Brown, Alton	Monday	p.m.	17C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Brown, Megan	Tuesday	a.m.	9E	Exhibition Hall D/E	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing, and Other Oil Recovery Best Practices (DEG)
Brownlow, Joshua	Wednesday	p.m.	1:20	General Assembly C	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing and Other Oil Recovery Best Practices (DEG)
Brunt, Rufus	Tuesday	p.m.	24D	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Bryndzia, L	Wednesday	p.m.	3:25	370	Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)
Bugti, Muhammad Nawaz	Monday	a.m.	1B	Exhibition Hall D/E	AAPG Student Posters I
Bulling, Thomas	Monday	a.m.	4E	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Bulling, Thomas	Tuesday	p.m.	10C	Exhibition Hall D/E	Theme 1: Siliciclastics: Impact of Structures on Sedimentary Systems (SEPM/AAPG)
Burgess, Roger	Monday	a.m.	4C	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Burke, Brandon	Wednesday	a.m.	22E	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Burnham, Alan	Monday	a.m.	11:30	342	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling (AAPG)
Buursink, Marc	Monday	p.m.	20B	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
<b>C</b> Cai, Jun	Wednesday	a.m.	12C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Cain, Tomas	Tuesday	p.m.	20C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Cao, Laisheng	Tuesday	a.m.	24B	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Cao, Yijun	Wednesday	a.m.	11C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Cardona, Sebastian	Tuesday	p.m.	11F	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Carlson, Douglas	Monday	p.m.	19B	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Carragher, Peter	Monday	p.m.	21E	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
Caruthers, Andrew	Wednesday	p.m.	1:20	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
Carvajal, Cristian	Monday	p.m.	1:40	360	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Castelltort, Sebastien	Wednesday	a.m.	22F	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Castelltort, Sebastien	Wednesday	p.m.	3:45	General Assembly B	Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)
Cazanacii, Dan	Monday	a.m.	8:25	361	Theme 1: Siliciclastics: Contributions From Numerical and Physical Models: From Fluvial to Deepwater (SEPM)
Cervantes Velazquez, Antonio	Tuesday	p.m.	8D	Exhibition Hall D/E	Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)
Chafetz, Henry	Wednesday	a.m.	23C	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Chambers, Hank	Tuesday	p.m.	4:05	360	Theme 9: Geophysics: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)
Chao, Jiun-Chi	Tuesday	a.m.	17A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Charsky, Alyssa	Wednesday	a.m.	10D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Chatellier, Jean-Yves	Wednesday	p.m.	3:00	332	Theme 10: International Regions: Asia Pacific, Middle East and Canada (AAPG)
Chaudhuri, Sambhudas	Monday	p.m.	17D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Chaudhuri, Sambhudas	Tuesday	a.m.	19A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Chen, Jie	Wednesday	a.m.	7F	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)

## Presenter Cross Reference

Chen, Le	Monday	p.m.	18F	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Chen, Lei	Wednesday	a.m.	14B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China I (EMD/AAPG)
Chen, Peng	Monday	a.m.	25E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Chen, Ruiqian	Tuesday	a.m.	18D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Chen, Shizhen	Monday	a.m.	16A	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)
Chen, Si	Monday	p.m.	4D	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Chen, Xiaoyan	Monday	a.m.	11F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)
Cheng, Xin	Tuesday	p.m.	3F	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Chenjun, Huang	Wednesday	a.m.	12B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Childs, Conrad	Wednesday	p.m.	3:45	361	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Chin, Shamar	Monday	a.m.	1A	Exhibition Hall D/E	AAPG Student Posters I
Chitrala, Yashwanth	Monday	p.m.	2:00	General Assembly C	Theme 6: Unconventional: New Approaches to Improving Performance of Unconventional Reservoirs (EMD/AAPG)
Chitrala, Yashwanth	Tuesday	p.m.	1:40	360	Theme 9: Geophysics: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)
Choi, Kyungsik	Tuesday	p.m.	7B	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine III: Aeolian to Shallow Marine (SEPM)
Christiano, Andrew	Tuesday	a.m.	2B	Exhibition Hall D/E	AAPG Student Posters II
Christian, Pete	Wednesday	p.m.	4:25	370	Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)
Citron, Gary	Tuesday	a.m.	11:10	General Assembly C	Theme 11: Future of Energy: Previous Predictions and Future Trends (AAPG)
Ciuperca, Constantin	Tuesday	p.m.	21D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Clark, Julian	Monday	p.m.	6E	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Clarke, Robert	Tuesday	a.m.	8:05	General Assembly A	Theme 6: Unconventional: Permian and Eagle Ford (EMD/AAPG)
Cochrane, Dylan	Tuesday	a.m.	3A	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Coleman, James	Wednesday	p.m.	4:05	General Assembly C	Theme 7: Energy & Environment: Climate, Environment, and Challenges to the Industry (DEG)
Collarini, Cheryl	Wednesday	p.m.	3:45	351	Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)
Collins, Daniel	Monday	p.m.	7F	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Collins, Daniel	Monday	p.m.	8A	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Colo, Carlos	Tuesday	a.m.	11:10	351	Theme 10: International Regions: Latin America (AAPG)
Colombera, Luca	Tuesday	p.m.	2:00	361	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial, Fluvial and Aeolian (SEPM)
Connell, Sean	Tuesday	p.m.	1:20	361	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial, Fluvial and Aeolian (SEPM)
Connell, Sean	Tuesday	p.m.	4:45	360	Theme 9: Geophysics: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)
Connors, Christopher	Monday	a.m.	8:05	370	Theme 4: Structure/Geomechanics: Contractual Structure and Tectonics (AAPG)
Conte, Roy	Monday	p.m.	26D	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Cook, Douglas	Tuesday	a.m.	10:25	332	Theme 11: Future of Energy: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (AAPG)
Cooke, Andrew	Tuesday	p.m.	20B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Coronel, Daniel	Tuesday	a.m.	26F	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Cosgrove, Grace	Wednesday	a.m.	22A	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Couples, Gary	Monday	a.m.	26C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Couples, Gary	Tuesday	a.m.	9:05	361	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Couples, Gary	Tuesday	a.m.	10D	Exhibition Hall D/E	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing, and Other Oil Recovery Best Practices (DEG)
Couples, Gary	Wednesday	a.m.	5E	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42
Coutts, Daniel	Monday	p.m.	7C	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)



## Presenter Cross Reference

Covault, Jacob	Monday	p.m.	1:20	360	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Covault, Jacob	Wednesday	p.m.	2:40	General Assembly B	Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)
Craig, Melissa	Monday	a.m.	10:10	361	Theme 1: Siliciclastics: Contributions From Numerical and Physical Models: From Fluvial to Deepwater (SEPM)
Cramer, Bradley	Wednesday	a.m.	5D	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42
Creaser, Adam	Tuesday	a.m.	10:10	342	Theme 5: Deepwater: Non-Turbidite Deepwater Units as Key Petroleum System Elements (SEPM/AAPG)
Crosby, Charles	Wednesday	p.m.	2:00	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
Cui, Haizhong	Monday	a.m.	10D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)
Cullis, Sophie	Tuesday	p.m.	11A	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Curtis, John	Monday	p.m.	4:45	General Assembly A	Theme 6: Unconventional: Advances in Unconventional Petroleum Systems and Source Rocks (EMD/AAPG)
Curtis, John	Tuesday	a.m.	17F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
<b>D</b> da Cruz Pessoa Neto, Otaviano	Tuesday	a.m.	10:50	351	Theme 10: International Regions: Latin America (AAPG)
Damuth, John	Tuesday	p.m.	23E	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Daniels, Benjamin	Tuesday	p.m.	25F	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Darnault, Romain	Monday	p.m.	23A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractual Structure and Tectonics (AAPG)
Darnault, Romain	Monday	p.m.	23B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractual Structure and Tectonics (AAPG)
Daszinnies, Matthias	Monday	a.m.	8:05	342	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling (AAPG)
Davies, Graham	Monday	a.m.	10:10	General Assembly C	Theme 2: Carbonates: Honoring Lloyd C. Pray for His Contributions to Carbonates – From Cements and Pore Systems to Buildups, Slopes, and Allocthonous Deposits (SEPM/AAPG)
De Graaf, Stefan	Monday	a.m.	10:10	342	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling (AAPG)
de Zoeten, Erich	Wednesday	p.m.	2:40	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
Decker, John	Tuesday	p.m.	22C	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Deighton, Ian	Wednesday	a.m.	10:50	370	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Dellapenna, Timothy	Wednesday	a.m.	21C	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Dembicki, Harry	Monday	p.m.	4:25	351	Theme 8: Emerging Frontiers: Seep Hunters: Validating Charge in Wildcat Settings for Better Results (AAPG)
Deng, Hang	Monday	p.m.	8F	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Deng, Hang	Tuesday	a.m.	1A	Exhibition Hall D/E	AAPG Student Posters II
Deng, Yuan	Wednesday	a.m.	15B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China II (EMD/AAPG)
Deng, Yunhua	Wednesday	a.m.	10:10	332	Theme 10: Asia-Pacific: China
Denis, Michael	Monday	a.m.	23B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Dessouki, Mohab	Monday	p.m.	24E	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Devilliers, Amandine	Monday	p.m.	3:45	361	Theme 1: Siliciclastics: Innovative Techniques and Workflows (AAPG/SEPM)
Dewett, Dustin	Wednesday	a.m.	7D	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Dhont, Damien	Monday	p.m.	4:45	351	Theme 8: Emerging Frontiers: Seep Hunters: Validating Charge in Wildcat Settings for Better Results (AAPG)
Di Cuia, Raffaele	Tuesday	p.m.	2:00	351	Theme 10: International Regions: Europe (AAPG)
Di Cuia, Raffaele	Tuesday	p.m.	3C	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Di Marzio, Jenna	Monday	p.m.	17E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Di, Haibin	Tuesday	a.m.	23C	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Diaz, Viviana	Tuesday	a.m.	10:30	361	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)

## Presenter Cross Reference

Dickinson, Jordan	Monday	a.m.	22D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Ding, Xiujian	Monday	a.m.	11E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)
Dodd, Thomas	Tuesday	p.m.	13B	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Dodd, Thomas	Tuesday	p.m.	13D	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Dong, Tian	Tuesday	a.m.	20C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Dong, Xu	Wednesday	a.m.	17D	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)
Dooley, Tim	Tuesday	a.m.	12A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Dorrell, Robert	Monday	p.m.	8B	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Droxler, André	Wednesday	p.m.	1:20	360	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Du, Guichao	Tuesday	a.m.	5B	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Duan, Yajun	Tuesday	a.m.	26A	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Duff, Patrick	Tuesday	p.m.	7A	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine III: Aeolian to Shallow Marine (SEPM)
Duffy, Oliver	Tuesday	p.m.	2:20	342	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Dunlap, Dallas	Tuesday	a.m.	11:10	342	Theme 5: Deepwater: Non-Turbidite Deepwater Units as Key Petroleum System Elements (SEPM/AAPG)
Dunlevy, Eoin	Tuesday	p.m.	1A	Exhibition Hall D/E	SEPM Student Posters II
Durcanin, Michael	Wednesday	a.m.	11:10	370	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Dutton, Shirley	Tuesday	a.m.	9:05	360	Theme 1: Siliciclastics: Quantitative Reservoir Quality Prediction and Clastic Diagenesis (SEPM)
<b>E</b> Eakin, Autumn	Monday	a.m.	21D	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Eastman, Harvey	Wednesday	p.m.	1:40	General Assembly C	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing and Other Oil Recovery Best Practices (DEG)
Eberli, Gregor	Monday	p.m.	3:45	342	Theme 2: Carbonates: Microbial Carbonates – Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Eberli, Gregor	Tuesday	a.m.	9:05	342	Theme 5: Deepwater: Non-Turbidite Deepwater Units as Key Petroleum System Elements (SEPM/AAPG)
Eberli, Gregor	Tuesday	p.m.	1:40	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42 II
Eggenhuisen, Joris	Monday	p.m.	10B	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Eggenhuisen, Joris	Wednesday	p.m.	4:25	General Assembly B	Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)
Egorov, Vsevolod	Tuesday	p.m.	13E	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Ehman, Kenneth	Tuesday	a.m.	9:05	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 I
Eichelberger, Nathan	Monday	a.m.	10:30	370	Theme 4: Structure/Geomechanics: Contractual Structure and Tectonics (AAPG)
Elium, Elizabeth	Wednesday	a.m.	1D	Exhibition Hall D/E	AAPG Student Posters III
Elliott, Emily	Wednesday	a.m.	21A	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Elliott, Sara	Tuesday	a.m.	10:30	360	Theme 1: Siliciclastics: Quantitative Reservoir Quality Prediction and Clastic Diagenesis (SEPM)
Ellis, Geoffrey	Tuesday	a.m.	9:05	370	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain (AAPG)
Ellouz, Nadine	Monday	a.m.	23A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Elsharkawy, Adel	Tuesday	p.m.	18E	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Eltom, Hassan	Tuesday	a.m.	5C	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Emmanuel, Simon	Monday	a.m.	19F	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Engelder, Terry	Monday	p.m.	3:45	General Assembly C	Theme 6: Unconventional: New Approaches to Improving Performance of Unconventional Reservoirs (EMD/AAPG)
Engle, Mark	Tuesday	a.m.	10:10	370	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain (AAPG)
Englert, Rebecca	Monday	p.m.	1D	Exhibition Hall D/E	SEPM Student Posters I



## Presenter Cross Reference

Enriquez, Daniel	Tuesday	a.m.	18F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Erquiaga Aguirre, Mikel	Tuesday	a.m.	8:45	351	Theme 10: International Regions: Latin America (AAPG)
Eruteya, Ovie	Tuesday	p.m.	10D	Exhibition Hall D/E	Theme 1: Siliciclastics: Impact of Structures on Sedimentary Systems (SEPM/AAPG)
Eruteya, Ovie	Tuesday	p.m.	20E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Escalera-Alcocer, J. Antonio	Tuesday	a.m.	10:30	351	Theme 10: International Regions: Latin America (AAPG)
Ettehadtavakkol, Amin	Monday	p.m.	25B	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Ettensohn, Frank	Monday	p.m.	21F	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)
Everett, Melanie	Monday	a.m.	12E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
<b>F</b> Fahreza, Fandy	Tuesday	p.m.	11B	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Fainstein, Roberto	Monday	a.m.	26E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Fall, András	Tuesday	a.m.	15C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Fan, Jianhua	Wednesday	a.m.	8B	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Fan, Junjia	Wednesday	a.m.	15C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China II (EMD/AAPG)
Fan, Junjia	Wednesday	a.m.	15E	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China II (EMD/AAPG)
Fan, Zhiqiang	Wednesday	a.m.	8E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Fan, Zhuoying	Tuesday	p.m.	4C	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Fang, Chao	Wednesday	a.m.	15A	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China I (EMD/AAPG)
Faruqi, Ismail	Monday	a.m.	12F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
Fatona, Layi	Wednesday	a.m.	11:10	351	Theme 10: International Regions: Africa (AAPG)
Fedchenko, Tetyana	Tuesday	a.m.	22B	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Feldman, Howard	Tuesday	p.m.	3:45	351	Theme 10: International Regions: Europe (AAPG)
Fernandes, Anjali	Monday	a.m.	8:45	361	Theme 1: Siliciclastics: Contributions From Numerical and Physical Models: From Fluvial to Deepwater (SEPM)
Fernandes, Anjali	Monday	p.m.	9F	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Fernandes, Anjali	Tuesday	p.m.	3:25	361	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial, Fluvial and Aeolian (SEPM)
Fernandez, Naiara	Tuesday	a.m.	14B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Fernando, K. John	Tuesday	a.m.	25A	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Ferrer, Oriol	Tuesday	p.m.	4:25	342	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Fielding, Christopher	Tuesday	a.m.	10:30	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 I
Fielding, Christopher	Wednesday	a.m.	4E	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42
Fifariz, Reynaldy	Tuesday	a.m.	8B	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems III (SEPM)
Finch, Emma	Monday	a.m.	1D	Exhibition Hall D/E	AAPG Student Posters I
Flaig, Peter	Monday	p.m.	4B	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Flint, Stephen	Tuesday	a.m.	10:10	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 I
Florez, Juan-Mauricio	Monday	p.m.	1:40	General Assembly C	Theme 6: Unconventional: New Approaches to Improving Performance of Unconventional Reservoirs (EMD/AAPG)
Foey, James	Tuesday	p.m.	7C	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine III: Aeolian to Shallow Marine (SEPM)
Fonseca-Rivera, Carlos	Tuesday	p.m.	24B	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Forkner, Rob	Tuesday	a.m.	5D	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Forster, John	Monday	a.m.	10:10	General Assembly B	Discovery Thinking I
Foster, Patrick	Monday	p.m.	2E	Exhibition Hall D/E	SEPM Student Posters I

## Presenter Cross Reference

Fountain, Cheryl	Tuesday	a.m.	8A	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems III (SEPM)
Franseen, Evan	Monday	a.m.	11:10	General Assembly C	Theme 2: Carbonates: Honoring Lloyd C. Pray for His Contributions to Carbonates – From Cements and Pore Systems to Buildups, Slopes, and Allocthonous Deposits (SEPM/AAPG)
Franseen, Evan	Tuesday	p.m.	2:00	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42 II
Fraser, Alastair	Tuesday	p.m.	1:20	351	Theme 10: International Regions: Europe (AAPG)
Fratlicelli, Carmen	Monday	p.m.	22C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)
Frébourg, Gregory	Monday	a.m.	8:45	General Assembly A	Theme 6: Unconventional: Advances in Mudstone and Organic Matter Depositional Processes (EMD/AAPG)
Frederick, Bruce	Monday	p.m.	6B	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Fredricks, Jason	Monday	a.m.	8:45	351	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Freeman, Brett	Wednesday	p.m.	2:20	361	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
French, Marsha	Tuesday	a.m.	10:10	360	Theme 1: Siliciclastics: Quantitative Reservoir Quality Prediction and Clastic Diagenesis (SEPM)
Fryer, Rosemarie	Tuesday	p.m.	26A	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Fryklund, Bob	Monday	p.m.	1:20	General Assembly B	Discovery Thinking II
Fryklund, Bob	Wednesday	a.m.	10:10	351	Theme 10: International Regions: Africa (AAPG)
Fu, Qi	Monday	a.m.	14A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
Fullmer, Shawn	Tuesday	a.m.	8:45	361	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Furlong, Carolyn	Monday	a.m.	4D	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Gabellone, Tatyana	Wednesday	p.m.	3:45	342	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Gadde, Phani	Monday	p.m.	4:25	General Assembly C	Theme 6: Unconventional: New Approaches to Improving Performance of Unconventional Reservoirs (EMD/AAPG)
Gaillot, Gwladys	Tuesday	p.m.	22D	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Galvis-Portilla, Henry	Monday	a.m.	2F	Exhibition Hall D/E	AAPG Student Posters I
Gani, M. Royhan	Tuesday	p.m.	11C	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Gao, Dengliang	Tuesday	a.m.	16B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Gao, Jian	Wednesday	a.m.	13D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China I (EMD/AAPG)
Gao, Ling	Monday	a.m.	10C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)
Gaswirth, Stephanie	Monday	a.m.	17D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Gawthorpe, Robert	Tuesday	a.m.	10:50	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 I
Geng, Qian	Monday	a.m.	14F	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)
Geng, Qian	Monday	a.m.	15A	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)
Geng, Xiaojie	Wednesday	a.m.	26A	Exhibition Hall D/E	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)
Getsinger, Amanda	Tuesday	a.m.	16A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Ghalayini, Ramadan	Monday	a.m.	22C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Ghori, Khwaja	Tuesday	a.m.	11:30	370	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain (AAPG)
Ghosh, Kajari	Tuesday	a.m.	16C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Giboreau, Romain	Monday	p.m.	15E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Gieger, Connor	Wednesday	a.m.	6E	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Gilbert, Fabien	Wednesday	a.m.	8:05	360	Theme 9: Geophysics: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)
Giles, Katherine	Tuesday	p.m.	4:45	342	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Ginn, Christopher	Monday	p.m.	2:00	370	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)



## Presenter Cross Reference

Ginter, Benjamin	Wednesday	a.m.	18B	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)
Girard, Jean-Pierre	Wednesday	a.m.	23E	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Girolodi, Luis	Wednesday	a.m.	11:30	360	Theme 9: Geophysics: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)
Glick, Emily	Monday	a.m.	19C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Godeau, Nicolas	Monday	p.m.	14C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Goggin, Lisa	Wednesday	a.m.	4A	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42
Goldberg, Karin	Monday	a.m.	12A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)
Goldstein, Robert	Tuesday	a.m.	11:30	361	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Golonka, Jan	Tuesday	p.m.	17B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Golonka, Jan	Tuesday	p.m.	17C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Gomis Cartesio, Luz Elena	Monday	p.m.	2B	Exhibition Hall D/E	SEPM Student Posters I
Gong, Changrui	Wednesday	a.m.	10:30	361	Theme 3: Geochemistry/Petroleum Systems: Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Gong, Yin	Monday	a.m.	9C	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
Goswami, Antara	Tuesday	p.m.	23A	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Goteti, Rajesh	Tuesday	a.m.	13B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Gouiza, Mohamed	Monday	a.m.	24B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Goyeneche, Camilo	Wednesday	a.m.	9:05	360	Theme 9: Geophysics: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)
Graham, Rod	Wednesday	p.m.	2:40	General Assembly A	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Grammer, G. Michael	Monday	a.m.	10:50	General Assembly C	Theme 2: Carbonates: Honoring Lloyd C. Pray for His Contributions to Carbonates – From Cements and Pore Systems to Buildups, Slopes, and Allocthonous Deposits (SEPM/AAPG)
Granath, James	Wednesday	a.m.	11:30	351	Theme 10: International Regions: Africa (AAPG)
Grant, Peter	Wednesday	p.m.	1:20	332	Theme 10: International Regions: Asia Pacific, Middle East and Canada (AAPG)
Grant, Ross	Tuesday	a.m.	13D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Gray, Ewan	Monday	a.m.	5A	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Gregory, Brittney	Tuesday	a.m.	1D	Exhibition Hall D/E	AAPG Student Posters II
Greig, Iain	Tuesday	a.m.	3C	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Gresh, Sarah	Monday	p.m.	2F	Exhibition Hall D/E	SEPM Student Posters I
Gries, Robbie	Sun.	p.m.	1:40	General Assembly B	History of Petroleum Geology
Griffith, Clyde	Monday	a.m.	8:25	351	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Griffiths, Joshua	Tuesday	p.m.	5B	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)
Griffiths, Paul	Monday	a.m.	10:10	370	Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)
Groshong, Richard	Monday	p.m.	4:45	370	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Grotzinger, John	Monday	p.m.	4:05	342	Theme 2: Carbonates: Microbial Carbonates – Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Guan, Quanzhong	Wednesday	a.m.	16B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China II (EMD/AAPG)
Gulley, Jason	Tuesday	a.m.	11:10	361	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Gumprecht, Sasha	Monday	a.m.	24A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Guo, Haoran	Tuesday	a.m.	24A	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Guo, Song	Wednesday	a.m.	16C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China II (EMD/AAPG)
Guo, Zhi	Wednesday	a.m.	14C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China I (EMD/AAPG)
Gupta, Nabanita	Monday	a.m.	19A	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Gutierrez-Moreno, Heraclio	Wednesday	p.m.	3:45	General Assembly A	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
<b>H</b> Hackley, Paul	Wednesday	a.m.	10:10	361	Theme 3: Geochemistry/Petroleum Systems: Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Haggar, Kathleen	Tuesday	p.m.	8E	Exhibition Hall D/E	Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)

## Presenter Cross Reference

Hall, Craig	Wednesday	p.m.	1:20	370	Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)
Hall, Donald	Tuesday	a.m.	19D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Hall, Donald	Tuesday	p.m.	1:40	General Assembly A	Theme 6: Unconventional: Emerging and Mature North American Plays (EMD/AAPG)
Han, Changcheng	Wednesday	a.m.	26E	Exhibition Hall D/E	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)
Hanafi, Bari	Tuesday	a.m.	12C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Hansford, Mark	Monday	a.m.	6E	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
Hanson-Hedgcock, Sara	Tuesday	a.m.	19E	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Haq, Shahzad Ul	Monday	a.m.	5C	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Haq, Shahzad Ul	Tuesday	p.m.	2:00	360	Theme 9: Geophysics: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)
Hardman, Jonathon	Tuesday	a.m.	3B	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Harishidayat, Dicky	Wednesday	a.m.	1B	Exhibition Hall D/E	AAPG Student Posters III
Harker, Stuart	Tuesday	p.m.	9F	Exhibition Hall D/E	Theme 1: Siliciclastics: Impact of Structures on Sedimentary Systems (SEPM/AAPG)
Harris, Ashley	Monday	p.m.	8E	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Harris, Nicholas	Tuesday	a.m.	21C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Harris, Paul (Mitch)	Monday	a.m.	8:05	General Assembly C	Theme 2: Carbonates: Honoring Lloyd C. Pray for His Contributions to Carbonates – From Cements and Pore Systems to Buildups, Slopes, and Allocthonous Deposits (SEPM/AAPG)
Harris, Paul (Mitch)	Wednesday	a.m.	8:45	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Hart, William	Tuesday	p.m.	1:40	342	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Hartley, Adrian	Tuesday	p.m.	2:20	361	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial, Fluvial and Aeolian (SEPM)
Hartley, Adrian	Wednesday	p.m.	4:05	General Assembly B	Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)
Harty, Michael	Wednesday	p.m.	2:00	General Assembly C	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing and Other Oil Recovery Best Practices (DEG)
Hasiotis, Stephen	Monday	p.m.	5B	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Hauser, Matt	Monday	p.m.	2:20	351	Theme 8: Emerging Frontiers: Impact of Geologic Uncertainty on Pore Pressure and Implications for Well Design (AAPG)
Hawie, Nicolas	Monday	p.m.	2:00	342	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)
Hawie, Nicolas	Wednesday	a.m.	10:30	General Assembly A	Theme 1: Siliciclastics: Source to Sink II: Global Examples (SEPM)
Hawk, David	Wednesday	p.m.	3:25	351	Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)
Hayes, Derek	Monday	a.m.	3A	Exhibition Hall D/E	AAPG Student Posters I
Hayward, Philip	Tuesday	p.m.	3E	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
He, Jianhua	Tuesday	p.m.	3B	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
He, Sijin	Monday	a.m.	8E	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
He, Yawen	Monday	a.m.	8:05	360	Theme 9: Geophysics: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)
He, Zhiliang	Wednesday	a.m.	10:50	332	Theme 10: Asia-Pacific: China
He, Zhiyong	Monday	p.m.	3:45	General Assembly A	Theme 6: Unconventional: Advances in Unconventional Petroleum Systems and Source Rocks (EMD/AAPG)
Heidari, Mahdi	Monday	p.m.	1:40	351	Theme 8: Emerging Frontiers: Impact of Geologic Uncertainty on Pore Pressure and Implications for Well Design (AAPG)
Heidari, Mahdi	Tuesday	a.m.	12E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Hemme, Christina	Monday	p.m.	18A	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Henderson, Timothy	Tuesday	p.m.	6D	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)
Hennings, Peter	Wednesday	p.m.	1:20	361	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Hennissen, Jan	Monday	a.m.	8:45	342	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling (AAPG)
Henriksen, Sverre	Monday	a.m.	9:05	351	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Henry, Lindsey	Tuesday	a.m.	11:30	342	Theme 5: Deepwater: Non-Turbidite Deepwater Units as Key Petroleum System Elements (SEPM/AAPG)
Henstra, Gijs	Monday	p.m.	7E	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Hern, Caroline	Tuesday	p.m.	4:25	361	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial, Fluvial and Aeolian (SEPM)
Hernandez, Moises	Tuesday	p.m.	24F	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)



## Presenter Cross Reference

Hernández-Molina, F Javier	Tuesday	a.m.	8:25	342	Theme 5: Deepwater: Non-Turbidite Deepwater Units as Key Petroleum System Elements (SEPM/AAPG)
Hessler, Angela	Tuesday	p.m.	1:40	361	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial, Fluvial and Aeolian (SEPM)
Hlava, Kimberly	Tuesday	p.m.	17A	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Ho, Viet Luan	Monday	p.m.	9A	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Hodgson, David	Monday	p.m.	2:00	360	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Hodgson, Neil	Tuesday	p.m.	1:40	351	Theme 10: International Regions: Europe (AAPG)
Holmes, Michael	Monday	a.m.	20C	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Honegger, Louis	Monday	p.m.	6F	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Hopson, Heath	Wednesday	a.m.	24C	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Horn, Brian	Wednesday	p.m.	2:20	General Assembly A	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Horne, Elizabeth	Monday	p.m.	22B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)
Horner, Robert	Monday	a.m.	7F	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
Horton, Conor	Monday	a.m.	2D	Exhibition Hall D/E	AAPG Student Posters I
Hosseini, Mehrdad	Wednesday	a.m.	10B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Houseknecht, David	Monday	a.m.	10:50	351	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Howe, Tyler	Monday	p.m.	3D	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Hu, Ningjie	Tuesday	a.m.	3F	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Hu, Tao	Wednesday	a.m.	14F	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China I (EMD/AAPG)
Hu, Zhong-Ya	Tuesday	p.m.	1B	Exhibition Hall D/E	SEPM Student Posters II
Huang, Lei	Monday	a.m.	23D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Huang, Qifei	Wednesday	a.m.	6B	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Hudec, Michael	Wednesday	p.m.	1:40	General Assembly A	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Hughes, Amanda	Wednesday	p.m.	4:25	361	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Hundley, Thomas	Monday	a.m.	3B	Exhibition Hall D/E	AAPG Student Posters I
Hunger, Gabriel	Monday	p.m.	5C	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Hurd, Gregory	Tuesday	a.m.	4C	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Hurley, Neil	Tuesday	a.m.	8:05	361	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Hussain, Maaruf	Monday	a.m.	21E	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Iacopini, David	Monday	a.m.	10:50	360	Theme 9: Geophysics: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)
Iacopini, David	Tuesday	a.m.	25B	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Isiwele, Dannity	Monday	p.m.	18D	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Iwuoha, Sochi	Monday	a.m.	18A	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Janbu, Nils	Tuesday	p.m.	24C	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Janson, Xavier	Monday	a.m.	8:25	General Assembly C	Theme 2: Carbonates: Honoring Lloyd C. Pray for His Contributions to Carbonates – From Cements and Pore Systems to Buildups, Slopes, and Allocthonous Deposits (SEPM/AAPG)
Janson, Xavier	Wednesday	a.m.	11:10	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Jarvie, Daniel	Tuesday	a.m.	8:25	General Assembly A	Theme 6: Unconventional: Permian and Eagle Ford (EMD/AAPG)
Jennings, Jeffrey	Tuesday	a.m.	10A	Exhibition Hall D/E	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing, and Other Oil Recovery Best Practices (DEG)
Ji, Hong	Monday	a.m.	11D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)
Jia, Haibo	Wednesday	a.m.	12F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Jiang, Hailong	Tuesday	a.m.	10B	Exhibition Hall D/E	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing, and Other Oil Recovery Best Practices (DEG)
Jiang, Lei	Monday	p.m.	12D	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Jiang, Ning	Tuesday	p.m.	20A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)

## Presenter Cross Reference

Jiang, Shu	Monday	a.m.	9:05	General Assembly A	Theme 6: Unconventional: Advances in Mudstone and Organic Matter Depositional Processes (EMD/AAPG)
Jiang, Shu	Monday	p.m.	24F	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Jin, Zhijun	Wednesday	a.m.	11:10	332	Theme 10: Asia-Pacific: China
Jobe, Tiffany	Monday	a.m.	11:30	General Assembly C	Theme 2: Carbonates: Honoring Lloyd C. Pray for His Contributions to Carbonates – From Cements and Pore Systems to Buildups, Slopes, and Allocthonous Deposits (SEPM/AAPG)
Jobe, Tiffany	Monday	p.m.	14B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Jobe, Tiffany	Tuesday	p.m.	3A	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Jobe, Zane	Wednesday	a.m.	11:30	General Assembly A	Theme 1: Siliciclastics: Source to Sink II: Global Examples (SEPM)
Johnson, Elizabeth	Wednesday	a.m.	8:05	370	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Johnson, Elizabeth	Wednesday	p.m.	4:05	351	Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)
Jones, Evan	Monday	a.m.	6F	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
Jordan, Scott	Wednesday	a.m.	9:10	General Assembly B	Theme 5: Deepwater: Major Deepwater Fields of the Offshore US Gulf of Mexico (AAPG)
Jun, Ming	Wednesday	a.m.	7B	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Jung-Ritchie, Logan	Monday	p.m.	1B	Exhibition Hall D/E	SEPM Student Posters I
Jurick, Dana	Sun.	p.m.	1:00	General Assembly B	History of Petroleum Geology
Kaczmarek, Stephen	Monday	p.m.	12E	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Kaminskaite, Ieva	Tuesday	p.m.	20D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Kang, Bo	Wednesday	a.m.	7C	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Kao, Jeff	Tuesday	p.m.	12D	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Kasahara, Junzo	Monday	a.m.	8D	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
Kelleher, Caroline	Wednesday	a.m.	24B	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Keller, G.	Monday	p.m.	24A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)
Kelly, Robert	Monday	a.m.	2A	Exhibition Hall D/E	AAPG Student Posters I
Kenter, Jeroen	Monday	p.m.	4:25	342	Theme 2: Carbonates: Microbial Carbonates – Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Kerans, Charles	Wednesday	a.m.	8:05	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Kemen, Rachelle	Tuesday	a.m.	13E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Khanna, Pankaj	Wednesday	a.m.	23F	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Kidambi, Vijaya Kumar	Monday	p.m.	12C	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
King, Sarah	Monday	p.m.	22D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)
Kipkoech, Edward	Monday	p.m.	18E	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Kirkland, Benjamin	Monday	p.m.	17B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Kirschner, David	Monday	p.m.	16D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Klimek, Jason	Tuesday	p.m.	7F	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine III: Aeolian to Shallow Marine (SEPM)
Knapp, Camelia	Tuesday	a.m.	11A	Exhibition Hall D/E	Theme 7: Energy & Environment: Reclamation and Greenhouse Gas Sequestration Techniques and Best Practices
Ko, Lucy	Monday	a.m.	20A	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Kobayashi, Hirofumi	Tuesday	a.m.	1F	Exhibition Hall D/E	AAPG Student Posters II
Koch, Alexander	Monday	a.m.	6D	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
Komaromi, Bram	Tuesday	a.m.	14D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Kommaraju, Rajasekhar	Tuesday	a.m.	11:30	General Assembly A	Theme 6: Unconventional: Permian and Eagle Ford (EMD/AAPG)
Kong, Fanchen	Monday	p.m.	22A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)
Kong, Lingyun	Tuesday	p.m.	1E	Exhibition Hall D/E	SEPM Student Posters II
Koo, Woong Mo	Monday	p.m.	10A	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)



## Presenter Cross Reference

Koo, Woong Mo	Tuesday	p.m.	25A	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Kordi, Masoumeh	Tuesday	p.m.	5C	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)
Kornacki, Alan	Monday	a.m.	14E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
Kosanke, Tobi	Monday	a.m.	16E	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)
Kosanke, Tobi	Tuesday	a.m.	10:50	General Assembly A	Theme 6: Unconventional: Permian and Eagle Ford (EMD/AAPG)
Krane, Jim	Wednesday	p.m.	3:45	General Assembly C	Theme 7: Energy & Environment: Climate, Environment, and Challenges to the Industry (DEG)
Krehel, Austin	Monday	a.m.	8C	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
Krishnaraj, Naveen	Monday	p.m.	26C	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Krystinik, Lee	Wednesday	p.m.	4:45	360	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Krystinik, Lee	Wednesday	p.m.	1:40	351	Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)
Krzywiec, Piotr	Monday	a.m.	10:50	370	Theme 4: Structure/Geomechanics: Contractual Structure and Tectonics (AAPG)
Kuijper, Kimberley	Wednesday	a.m.	8:10	General Assembly B	Theme 5: Deepwater: Major Deepwater Fields of the Offshore US Gulf of Mexico (AAPG)
Kuklewicz, Katherine	Monday	p.m.	2A	Exhibition Hall D/E	SEPM Student Posters I
Kunpitaktakun, Takonporn	Monday	p.m.	6A	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Kuske, Sascha	Monday	p.m.	13E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Kvale, Erik	Wednesday	p.m.	1:40	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
<b>L</b> La Fontaine, Nathan	Monday	a.m.	3D	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Lacerda Silva, Pablo	Tuesday	a.m.	20D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Lake, John	Wednesday	p.m.	3:40	332	Theme 10: International Regions: Asia Pacific, Middle East and Canada (AAPG)
Lake, Stuart	Tuesday	p.m.	13A	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Lalehrokh, Farshad	Monday	p.m.	25C	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Lander, Robert	Tuesday	a.m.	8:05	360	Theme 1: Siliciclastics: Quantitative Reservoir Quality Prediction and Clastic Diagenesis (SEPM)
LaReau, Heather	Monday	p.m.	4:25	General Assembly A	Theme 6: Unconventional: Advances in Unconventional Petroleum Systems and Source Rocks (EMD/AAPG)
Laughrey, Christopher	Wednesday	p.m.	3:45	370	Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)
Lawton, Timothy	Tuesday	p.m.	8B	Exhibition Hall D/E	Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)
Laya, Juan Carlos	Monday	p.m.	11A	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Laya, Juan Carlos	Tuesday	a.m.	1C	Exhibition Hall D/E	AAPG Student Posters II
Le Cottonnec, Aymeric	Monday	a.m.	6B	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
Lee, Jong Moon	Monday	p.m.	25A	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Lehmann, Christoph	Monday	p.m.	1:40	342	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)
Lehmann, Christoph	Wednesday	a.m.	25E	Exhibition Hall D/E	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)
Lehmann, Daniel	Wednesday	a.m.	25B	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Lepley, Scott	Monday	p.m.	1:20	342	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)
Lettéron, Alexandre	Wednesday	a.m.	25A	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Li, Boyuan	Wednesday	p.m.	4:45	370	Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)
Li, Chaozheng	Wednesday	a.m.	15F	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China II (EMD/AAPG)
Li, Fangyu	Tuesday	a.m.	23A	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Li, Fei	Monday	p.m.	19E	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Li, Haipeng	Wednesday	a.m.	6A	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42
Li, Junqian	Wednesday	a.m.	13C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China I (EMD/AAPG)

## Presenter Cross Reference

Li, Maowen	Monday	a.m.	10:30	342	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling (AAPG)
Li, Shiyuan	Wednesday	a.m.	9F	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Li, Tianyang	Tuesday	p.m.	4B	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Li, Wei	Monday	a.m.	26D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Li, Wei	Tuesday	p.m.	15D	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Li, Yajun	Wednesday	a.m.	12D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Li, Yangyang	Tuesday	p.m.	12E	Exhibition Hall D/E	Theme I: Siliciclastics: Continental to Shallow Marine III: Aeolian to Shallow Marine (SEPM)
Li, Yangyang	Monday	p.m.	20E	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
Li, Yanxia	Wednesday	a.m.	14D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China I (EMD/AAPG)
Li, Yifan	Wednesday	a.m.	13F	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China I (EMD/AAPG)
Li, Yuyuan	Monday	a.m.	12D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
Li, Zhiyang	Monday	p.m.	1F	Exhibition Hall D/E	SEPM Student Posters I
Li, Zhiyang	Wednesday	a.m.	22C	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Ligon, Walker	Tuesday	a.m.	7A	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
Lillis, Paul	Tuesday	p.m.	4:05	370	Theme 3: Geochemistry/Petroleum Systems: Risk Quantification Through Petroleum System Analysis (AAPG)
Lima, Rafael	Monday	p.m.	21A	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
Lin, Wen	Monday	p.m.	1A	Exhibition Hall D/E	SEPM Student Posters I
Lin, Yuan-Yun	Monday	p.m.	25F	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Linares, Aria	Tuesday	a.m.	8F	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems III (SEPM)
Lindsay, Robert	Tuesday	a.m.	7D	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
Ling, Anna	Wednesday	a.m.	10:50	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Little, William	Tuesday	a.m.	4D	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Liu, Bei	Wednesday	a.m.	17B	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)
Liu, Chenglin	Monday	p.m.	14F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Liu, Entao	Monday	a.m.	25D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Liu, Jiancahn	Tuesday	a.m.	16F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Liu, Junlong	Wednesday	a.m.	11A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Liu, Keyu	Wednesday	a.m.	14E	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China I (EMD/AAPG)
Liu, Nian	Monday	a.m.	13A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
Liu, Wanhui	Wednesday	a.m.	8A	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Liu, Wei	Monday	a.m.	20B	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Liu, Wen	Wednesday	a.m.	11B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Liu, Xiujun	Monday	p.m.	17F	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Liu, Yiduo	Monday	a.m.	22F	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Liu, Yin	Tuesday	p.m.	19E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Liu, Zhengfan	Monday	a.m.	19E	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Liu, Zhuangxiaoxue	Tuesday	p.m.	10F	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Llaguno, Jose	Monday	a.m.	10F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)
Llanos, Andre	Wednesday	a.m.	23B	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Lockhart, Landon	Monday	a.m.	1E	Exhibition Hall D/E	AAPG Student Posters I



## Presenter Cross Reference

Lopez-Gamundi, Oscar	Tuesday	a.m.	10:10	351	Theme 10: International Regions: Latin America (AAPG)
Lorenzo, Juan	Monday	a.m.	7C	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
Løseth, Helge	Monday	p.m.	22F	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractural Structure and Tectonics (AAPG)
Loucks, Robert	Tuesday	p.m.	3:45	General Assembly A	Theme 6: Unconventional: Emerging and Mature North American Plays (EMD/AAPG)
Loucks, Robert	Tuesday	p.m.	2F	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Loucks, Robert	Wednesday	a.m.	24F	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Loveland, Richard	Wednesday	a.m.	10:10	General Assembly B	Theme 5: Deepwater: Major Deepwater Fields of the Offshore US Gulf of Mexico (AAPG)
Lu, Peng	Monday	p.m.	10D	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Luneburg, Catalina	Tuesday	a.m.	15F	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Luo, Xiaorong	Monday	p.m.	16C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Lynch, Tom	Tuesday	a.m.	11C	Exhibition Hall D/E	Theme 7: Energy & Environment: Reclamation and Greenhouse Gas Sequestration Techniques and Best Practices
<b>M</b> Ma, Lanting	Monday	p.m.	19C	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Ma, Xiaoxiao	Monday	p.m.	16F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Ma, Yongsheng	Wednesday	a.m.	10:30	332	Theme 10: Asia-Pacific: China
Macaulay, Calum	Wednesday	p.m.	4:05	370	Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)
Macaulay, Euan	Wednesday	p.m.	4:05	361	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Macellari, Carlos	Tuesday	a.m.	8:05	351	Theme 10: International Regions: Latin America (AAPG)
Machado, Gabriel	Tuesday	a.m.	9F	Exhibition Hall D/E	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing, and Other Oil Recovery Best Practices (DEG)
Maden, Nicholas	Tuesday	a.m.	11:30	General Assembly C	Theme 11: Future of Energy: Previous Predictions and Future Trends (AAPG)
Madsen, Anders	Tuesday	p.m.	3:25	360	Theme 9: Geophysics: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)
Maende, Albert	Wednesday	a.m.	8:45	361	Theme 3: Geochemistry/Petroleum Systems: Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Maity, Souvic	Wednesday	a.m.	6F	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Mallard, Philippe	Monday	a.m.	8:15	General Assembly B	Discovery Thinking I
Maloney, William	Tuesday	a.m.	10:50	General Assembly C	Theme 11: Future of Energy: Previous Predictions and Future Trends (AAPG)
Manaf, Nanang	Monday	p.m.	19F	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
Mandal, Subhadip	Wednesday	a.m.	18A	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)
Mann, Paul	Wednesday	p.m.	1:20	General Assembly A	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Marchand, Ann	Tuesday	a.m.	8:25	360	Theme 1: Siliciclastics: Quantitative Reservoir Quality Prediction and Clastic Diagenesis (SEPM)
Marini, Mattia	Tuesday	p.m.	12B	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Marra, Kristen	Wednesday	a.m.	20C	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals IV (EMD/AAPG)
Marshall, Brittany	Monday	p.m.	14E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Martinez-Kulikowski, Nahysa	Tuesday	p.m.	3:25	General Assembly A	Theme 6: Unconventional: Emerging and Mature North American Plays (EMD/AAPG)
Martinsen, Ole	Tuesday	p.m.	4:45	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42 II
Masalimova, Larisa	Wednesday	p.m.	1:40	General Assembly B	Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)
Masini, Massimiliano	Monday	p.m.	23D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractural Structure and Tectonics (AAPG)
Matheson, Edward	Tuesday	a.m.	5F	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Mathieu, Jean-Philippe	Tuesday	a.m.	19B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Maurand, Nicolas	Tuesday	p.m.	3:25	370	Theme 3: Geochemistry/Petroleum Systems: Risk Quantification Through Petroleum System Analysis (AAPG)
McCarthy, Dave	Monday	a.m.	8:05	351	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
McCoss, Angus	Monday	p.m.	3:25	General Assembly B	Discovery Thinking II

## Presenter Cross Reference

McDonald, James	Sun.	p.m.	12:40	General Assembly B	History of Petroleum Geology
McDonough, Katie-Joe	Tuesday	p.m.	16A	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
McDonough, Katie-Joe	Wednesday	a.m.	17E	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)
McDowell, Bryan	Tuesday	a.m.	17C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
McGinnis, Ronald	Tuesday	a.m.	15E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
McGregor, Graham	Monday	a.m.	8A	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
McGuinness, Dorie	Monday	p.m.	2:00	General Assembly B	Discovery Thinking II
McKenna, Jonathan	Monday	p.m.	4:25	370	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
McLachlan, Kevin	Tuesday	a.m.	8:25	General Assembly C	Theme 11: Future of Energy: Previous Predictions and Future Trends (AAPG)
McLean, Richard	Tuesday	a.m.	10:30	General Assembly A	Theme 6: Unconventional: Permian and Eagle Ford (EMD/AAPG)
McLerie, Mike	Monday	p.m.	4:05	General Assembly B	Discovery Thinking II
Meckel, Timothy	Monday	p.m.	3:25	361	Theme 1: Siliciclastics: Innovative Techniques and Workflows (AAPG/SEPM)
Meddaugh, William	Monday	p.m.	21C	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
Medwedeff, Donald	Wednesday	p.m.	4:45	361	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Mei, Mei	Monday	p.m.	13C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Meiller, Clémentine	Monday	p.m.	17A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Meirovitz, Casey	Monday	a.m.	3F	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Meirovitz, Casey	Monday	p.m.	9C	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Melick, Jesse	Wednesday	a.m.	20E	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Mencaroni, Davide	Tuesday	p.m.	1:40	370	Theme 3: Geochemistry/Petroleum Systems: Risk Quantification Through Petroleum System Analysis (AAPG)
Menotti, Tess	Tuesday	p.m.	1:20	370	Theme 3: Geochemistry/Petroleum Systems: Risk Quantification Through Petroleum System Analysis (AAPG)
Merrill, Robert	Sun.	p.m.	12:20	General Assembly B	History of Petroleum Geology
Messina, Carlo	Tuesday	p.m.	23D	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Meynard, Stephanie	Monday	a.m.	16B	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)
Milad, Benmadi	Tuesday	p.m.	4A	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Milkov, Alexei	Tuesday	a.m.	10:10	General Assembly C	Theme 11: Future of Energy: Previous Predictions and Future Trends (AAPG)
Milkov, Alexei	Tuesday	p.m.	16E	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Millard, Mark	Monday	p.m.	2:20	General Assembly C	Theme 6: Unconventional: New Approaches to Improving Performance of Unconventional Reservoirs (EMD/AAPG)
Miller, Camron	Monday	a.m.	17B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Milliken, Kitty	Tuesday	a.m.	11:30	360	Theme 1: Siliciclastics: Quantitative Reservoir Quality Prediction and Clastic Diagenesis (SEPM)
Milliken, Kristy	Wednesday	p.m.	4:25	360	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Minguez, Daniel	Monday	a.m.	24E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Minisini, Daniel	Monday	a.m.	10:30	General Assembly A	Theme 6: Unconventional: Advances in Mudstone and Organic Matter Depositional Processes (EMD/AAPG)
Minisini, Daniel	Wednesday	a.m.	5C	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42
Minzoni, Rebecca	Wednesday	p.m.	3:25	360	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Mitchum, Robert	Tuesday	a.m.	8:05	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 I
Modin, Dmitry	Wednesday	a.m.	8:25	360	Theme 9: Geophysics: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)
Moede, Ian	Monday	p.m.	14A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Mohammad, Khan	Wednesday	a.m.	10A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Moldowan, John	Monday	a.m.	8:25	342	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling (AAPG)



## Presenter Cross Reference

Molinares, Carlos	Wednesday	a.m.	20A	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals IV (EMD/AAPG)
Molinaro, Matteo	Monday	a.m.	8:25	370	Theme 4: Structure/Geomechanics: Contractual Structure and Tectonics (AAPG)
Molofsky, Lisa J	Wednesday	p.m.	4:45	General Assembly C	Theme 7: Energy & Environment: Climate, Environment, and Challenges to the Industry (DEG)
Moore, PJ	Tuesday	a.m.	10:50	361	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Moore, Vernon	Tuesday	a.m.	14A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Mora, Angela	Monday	a.m.	16C	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergence of Exploration and Development (AAPG)
Morgan, Paul	Tuesday	a.m.	11:25	332	Theme 11: Future of Energy: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (AAPG)
Morgan, William	Monday	a.m.	10:30	General Assembly C	Theme 2: Carbonates: Honoring Lloyd C. Pray for His Contributions to Carbonates – From Cements and Pore Systems to Buildups, Slopes, and Allocthonous Deposits (SEPM/AAPG)
Mountney, Nigel	Monday	p.m.	3F	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Mountney, Nigel	Tuesday	p.m.	4:45	361	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial, Fluvial and Aeolian (SEPM)
Mücklisch, Steve	Wednesday	p.m.	2:40	361	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Mukhametdinova, Aliia	Tuesday	p.m.	19A	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Mullins, James	Tuesday	p.m.	7E	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine III: Aeolian to Shallow Marine (SEPM)
Muñoz, Josep Anton	Tuesday	p.m.	3:45	342	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Muravchik, Martin	Monday	p.m.	4:25	360	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Muravchik, Martin	Tuesday	a.m.	4B	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Murillo Lopez, Maria	Monday	p.m.	2:00	361	Theme 1: Siliciclastics: Innovative Techniques and Workflows (AAPG/SEPM)
Murillo, Wendy A.	Tuesday	a.m.	1E	Exhibition Hall D/E	AAPG Student Posters II
Murillo, Wendy A.	Tuesday	a.m.	2A	Exhibition Hall D/E	AAPG Student Posters II
Murphy, Ashlyn	Monday	p.m.	4F	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Murray, Titus	Wednesday	p.m.	3:25	361	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Mutti, Maria	Tuesday	p.m.	3:45	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42 II
Myers, Grant	Wednesday	p.m.	2:20	370	Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)
<b>N</b> Nader, Fadi	Wednesday	a.m.	11:10	General Assembly A	Theme 1: Siliciclastics: Source to Sink II: Global Examples (SEPM)
Nader, Fadi	Wednesday	p.m.	2:00	332	Theme 10: International Regions: Asia Pacific, Middle East and Canada (AAPG)
Nakamura, Kazumi	Tuesday	p.m.	2A	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Nakamura-Messenger, Keiko	Tuesday	a.m.	11:05	332	Theme 11: Future of Energy: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (AAPG)
Nandy, Dipanwita	Monday	p.m.	3B	Exhibition Hall D/E	SEPM Student Posters I
Nash, Susan	Wednesday	p.m.	4:25	351	Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)
Navarro, Lilian	Tuesday	a.m.	2F	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Navarro, Lilian	Tuesday	p.m.	26E	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Neal, Adrian	Monday	a.m.	5B	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Neely, James	Tuesday	p.m.	2:00	342	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Nguyen, Luan	Tuesday	p.m.	8A	Exhibition Hall D/E	Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)
Ni, Xinfeng	Wednesday	a.m.	26C	Exhibition Hall D/E	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)
Nieboer, Ian	Monday	p.m.	20F	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
Nielson, Adam	Monday	a.m.	5F	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Nieminski, Nora	Monday	p.m.	7A	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Nikolinakou, Maria Aikaterini	Tuesday	a.m.	12D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Ning, Chaozhong	Monday	p.m.	12B	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Nittrouer, Jeffrey	Wednesday	a.m.	20F	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Nolting, Andrea	Wednesday	a.m.	8:25	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Nooitgedacht, Casimir	Tuesday	p.m.	3D	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)

## Presenter Cross Reference

Norcliffe, James	Monday	a.m.	23E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Nyberg, Bjorn	Monday	a.m.	3E	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Nyberg, Bjorn	Wednesday	p.m.	1:20	General Assembly B	Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)
<b>O</b> Obermeier, Sarah	Monday	a.m.	4A	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Ochoa, Jesus	Tuesday	p.m.	9C	Exhibition Hall D/E	Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)
Odegaarden, Natalie	Wednesday	a.m.	25C	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Ogunsegha, olasunmade	Wednesday	a.m.	2D	Exhibition Hall D/E	AAPG Student Posters III
Ohiara, Timothy	Tuesday	p.m.	2E	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Okyay, Unal	Monday	a.m.	1C	Exhibition Hall D/E	AAPG Student Posters I
Olariu, Cornel	Tuesday	p.m.	3:25	351	Theme 10: International Regions: Europe (AAPG)
Oldfield, Simon	Tuesday	p.m.	21A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Olson, Elizabeth	Monday	a.m.	7B	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
Oluwajana, Oladotun	Wednesday	a.m.	2E	Exhibition Hall D/E	AAPG Student Posters III
Omeru, Tuviere	Tuesday	p.m.	12A	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Omosanya, Kamaldeen	Tuesday	a.m.	3D	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Ono, Kenya	Tuesday	p.m.	25E	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Onuoha, Kalu	Monday	a.m.	9F	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
Onyenanu, Godspower	Monday	p.m.	4E	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Orange, Dan	Monday	p.m.	4:05	351	Theme 8: Emerging Frontiers: Seep Hunters: Validating Charge in Wildcat Settings for Better Results (AAPG)
Orsi, Marco	Wednesday	a.m.	10:30	351	Theme 10: International Regions: Africa (AAPG)
Ortiz-Karpf, Andrea	Tuesday	a.m.	10:50	342	Theme 5: Deepwater: Non-Turbidite Deepwater Units as Key Petroleum System Elements (SEPM/AAPG)
Oviedo-Perez, Adan	Tuesday	p.m.	8C	Exhibition Hall D/E	Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)
Owah, Evans	Tuesday	a.m.	22A	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Owen, Amanda	Monday	a.m.	6A	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
Oye, Olakunle	Tuesday	a.m.	10:50	360	Theme 1: Siliciclastics: Quantitative Reservoir Quality Prediction and Clastic Diagenesis (SEPM)
<b>P</b> Padilla y Sánchez, Ricardo	Tuesday	p.m.	22F	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Palencia, Clara	Monday	a.m.	21F	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Palmer, Timothy	Wednesday	a.m.	2B	Exhibition Hall D/E	AAPG Student Posters III
Palmowski, Daniel	Monday	a.m.	10:50	342	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling (AAPG)
Papadimitriou, Nikolaos	Tuesday	a.m.	5A	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Papiernik, Bartosz	Tuesday	p.m.	17D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Papiernik, Bartosz	Tuesday	p.m.	17E	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Parada, Diana	Tuesday	p.m.	1:20	360	Theme 9: Geophysics: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)
Parés, Josep	Monday	a.m.	4B	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Parsons, Chase	Wednesday	p.m.	4:05	General Assembly A	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Pashin, Jack	Tuesday	a.m.	12F	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Patacci, Marco	Monday	p.m.	4:05	360	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Patience, Richard	Tuesday	a.m.	8:05	370	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain (AAPG)
Paton, Douglas	Monday	a.m.	10:10	351	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Paton, Douglas	Monday	a.m.	25B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Pattnaik, Chinmaya	Tuesday	a.m.	9B	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems III (SEPM)
Paul, Debapriya	Monday	a.m.	22A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Paumard, Victorien	Monday	a.m.	1F	Exhibition Hall D/E	AAPG Student Posters I
Paumard, Victorien	Tuesday	a.m.	11:10	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 I
Peacock, Julia	Monday	p.m.	1C	Exhibition Hall D/E	SEPM Student Posters I



## Presenter Cross Reference

Peavey, Eric	Wednesday	a.m.	17C	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)
Pedersen, Per	Tuesday	p.m.	4:05	General Assembly A	Theme 6: Unconventional: Emerging and Mature North American Plays (EMD/AAPG)
Pei, Yangwen	Monday	p.m.	23C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractual Structure and Tectonics (AAPG)
Pekowski, Andrew	Tuesday	p.m.	9B	Exhibition Hall D/E	Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)
Pellegrini, Claudio	Wednesday	a.m.	22D	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Pellegrini, Claudio	Wednesday	p.m.	2:00	360	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Pelletier, Jonathan	Wednesday	a.m.	20D	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals IV (EMD/AAPG)
Pemberton, Erin	Wednesday	a.m.	5B	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42
Peng, Junwen	Monday	a.m.	11C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)
Peng, Junwen	Wednesday	a.m.	1E	Exhibition Hall D/E	AAPG Student Posters III
Peng, Sheng	Tuesday	p.m.	2C	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Peng, Sheng	Wednesday	a.m.	18E	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)
Peng, Yang	Monday	p.m.	4A	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Pepper, Andy	Monday	p.m.	1:20	General Assembly A	Theme 6: Unconventional: Advances in Unconventional Petroleum Systems and Source Rocks (EMD/AAPG)
Pepper, Andy	Monday	p.m.	15D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Percy, Emma	Monday	a.m.	4F	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Percy, Emma	Wednesday	p.m.	3:20	332	Theme 10: International Regions: Asia Pacific, Middle East and Canada (AAPG)
Perdomo-Figueroa, Martha	Monday	a.m.	24D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Perreault, Luke	Monday	p.m.	13D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Perry, Stephanie	Monday	p.m.	3:25	General Assembly A	Theme 6: Unconventional: Advances in Unconventional Petroleum Systems and Source Rocks (EMD/AAPG)
Perry, Stephanie	Wednesday	p.m.	2:40	370	Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)
Peryt, Tadeusz	Tuesday	a.m.	8D	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems III (SEPM)
Peters, Kenneth	Tuesday	a.m.	10:30	370	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain (AAPG)
Peterson, Kyle	Monday	a.m.	11A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)
Petrovskyy, Oleksandr	Monday	a.m.	10A	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
Pettigrew, Ross	Monday	p.m.	5A	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Pettinga, Luke	Monday	p.m.	6D	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Pettit, Bridget	Tuesday	p.m.	3:45	361	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial, Fluvial and Aeolian (SEPM)
Philbin, Andrew	Wednesday	a.m.	21D	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Phillips, John	Tuesday	p.m.	6F	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine III: Aeolian to Shallow Marine (SEPM)
Philp, Paul	Wednesday	a.m.	8:25	361	Theme 3: Geochemistry/Petroleum Systems: Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Pichel, Leonardo	Tuesday	p.m.	4:05	342	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Pickering, Jennifer	Tuesday	p.m.	10B	Exhibition Hall D/E	Theme 1: Siliciclastics: Impact of Structures on Sedimentary Systems (SEPM/AAPG)
Pietras, Jeffrey	Monday	a.m.	10:50	General Assembly A	Theme 6: Unconventional: Advances in Mudstone and Organic Matter Depositional Processes (EMD/AAPG)
Pigott, John	Monday	p.m.	10F	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Pike, James	Monday	a.m.	6C	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
Pindell, Jim	Wednesday	p.m.	2:00	General Assembly A	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Pittenger, Michelle	Tuesday	p.m.	8F	Exhibition Hall D/E	Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)

## Presenter Cross Reference

Pizzi, Marco	Wednesday	a.m.	4B	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42
Platon, Constantin	Tuesday	p.m.	15E	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Platunova, Irina	Monday	a.m.	8:45	360	Theme 9: Geophysics: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)
Plink-Bjorklund, Piret	Monday	p.m.	1:20	361	Theme 1: Siliciclastics: Innovative Techniques and Workflows (AAPG/SEPM)
Pohl, Florian	Monday	p.m.	9D	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Pollack, Ahinoam	Monday	p.m.	3:25	General Assembly C	Theme 6: Unconventional: New Approaches to Improving Performance of Unconventional Reservoirs (EMD/AAPG)
Pommer, Maxwell	Tuesday	p.m.	2:20	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42 II
Pontén, Anna	Tuesday	p.m.	22B	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Pope, Michael	Monday	a.m.	18B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Popovici, Alexander	Monday	p.m.	1:20	General Assembly C	Theme 6: Unconventional: New Approaches to Improving Performance of Unconventional Reservoirs (EMD/AAPG)
Poprawa, Pawel	Tuesday	p.m.	17F	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Poros, Zsofia	Wednesday	a.m.	25D	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Posamentier, Henry	Tuesday	a.m.	11:30	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years After AAPG Memoir 26 and 30 Years After SEPM Special Publication 42 I
Posamentier, Henry	Tuesday	a.m.	8:05	342	Theme 5: Deepwater: Non-Turbidite Deepwater Units as Key Petroleum System Elements (SEPM/AAPG)
Post, Paul	Monday	a.m.	11:10	351	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Poyatos-Moré, Miquel	Monday	p.m.	7D	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Prado-Barros, David	Monday	a.m.	9:05	360	Theme 9: Geophysics: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)
Present, Theodore	Monday	a.m.	9:05	General Assembly C	Theme 2: Carbonates: Honoring Lloyd C. Pray for His Contributions to Carbonates – From Cements and Pore Systems to Buildups, Slopes, and Allocthonous Deposits (SEPM/AAPG)
Price, Buddy	Tuesday	p.m.	2:00	General Assembly A	Theme 6: Unconventional: Emerging and Mature North American Plays (EMD/AAPG)
Price, William	Tuesday	p.m.	9A	Exhibition Hall D/E	Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)
Prieto-Ubaldo, Clotilde	Tuesday	a.m.	15B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Prochnow, Shane	Monday	a.m.	17C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Prock, Aaron	Monday	p.m.	16E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Proctor, Jacob	Wednesday	a.m.	24E	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Purba, Sonia	Tuesday	a.m.	10:10	361	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Purcell, Noelle	Monday	p.m.	3:25	351	Theme 8: Emerging Frontiers: Seep Hunters: Validating Charge in Wildcat Settings for Better Results (AAPG)
Purkis, Sam	Wednesday	a.m.	10:10	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Pyrzcz, Michael	Monday	p.m.	4:05	General Assembly C	Theme 6: Unconventional: New Approaches to Improving Performance of Unconventional Reservoirs (EMD/AAPG)
<b>Q</b> Qi, Jie	Tuesday	a.m.	24D	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Qi, Jie	Tuesday	a.m.	24E	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Qiu, Longwei	Wednesday	a.m.	13E	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China I (EMD/AAPG)
Quan, Yongbin	Wednesday	a.m.	12E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Quinn, David	Wednesday	p.m.	2:00	361	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
<b>R</b> Rahman, Mohammad	Tuesday	a.m.	11:10	General Assembly A	Theme 6: Unconventional: Permian and Eagle Ford (EMD/AAPG)
Ramirez, Victor	Monday	a.m.	14C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
Ramiro-Ramirez, Sebastian	Monday	p.m.	26E	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)



## Presenter Cross Reference

Ramiro-Ramirez, Sebastian	Wednesday	a.m.	18D	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)
Ramon Duenas, Carolina	Tuesday	a.m.	22D	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Rankey, Eugene	Tuesday	a.m.	7E	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
Rao, Jonna	Tuesday	p.m.	4D	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Rao, Jonna	Wednesday	a.m.	20B	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals IV (EMD/AAPG)
Ravindranathan, Ramya	Wednesday	a.m.	11:10	360	Theme 9: Geophysics: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)
Recker, Brandon	Tuesday	p.m.	15C	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Reed, Robert	Monday	p.m.	1:40	General Assembly A	Theme 6: Unconventional: Advances in Unconventional Petroleum Systems and Source Rocks (EMD/AAPG)
Reed, Robert	Tuesday	a.m.	19C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Reed, Robert	Wednesday	a.m.	19C	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals IV (EMD/AAPG)
Reid, David	Wednesday	a.m.	11:10	General Assembly B	Theme 5: Deepwater: Major Deepwater Fields of the Offshore US Gulf of Mexico (AAPG)
Reid, R. Pamela	Wednesday	a.m.	24A	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Reilly, Cathal	Monday	p.m.	2:20	370	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Ren, Min	Monday	p.m.	11C	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Rendall, Benjamin	Tuesday	a.m.	8:25	361	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Reuber, Kyle	Wednesday	a.m.	9:05	370	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Richards, David	Monday	a.m.	10:30	370	Theme 4: Structure/Geomechanics: Contractual Structure and Tectonics (AAPG)
Riedman, John	Monday	p.m.	5E	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Rinderknecht, Chanse	Tuesday	a.m.	7C	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
Rine, James	Wednesday	p.m.	3:25	General Assembly C	Theme 7: Energy & Environment: Climate, Environment, and Challenges to the Industry (DEG)
Rittenhouse, Sarah	Tuesday	a.m.	9:05	General Assembly A	Theme 6: Unconventional: Permian and Eagle Ford (EMD/AAPG)
Ritzer, Samantha	Tuesday	p.m.	5F	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)
Rivers, John	Wednesday	a.m.	9:05	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Rizaldy, Fadhil	Wednesday	a.m.	10C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Roberts, Jennifer	Wednesday	p.m.	1:40	370	Theme 6: Unconventional: New Techniques for Understanding Unconventionals (EMD/AAPG)
Robertson, Hamish	Monday	p.m.	11B	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Roca, Eduard	Tuesday	a.m.	13A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Roca, Eduard	Tuesday	p.m.	2:20	351	Theme 10: International Regions: Europe (AAPG)
Rochelle-Bates, Nathan	Tuesday	a.m.	4E	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Rodriguez, Antonio	Wednesday	p.m.	3:45	360	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Rodriguez, Lucia	Tuesday	a.m.	10:50	370	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain (AAPG)
Rodriguez, Norelis	Monday	a.m.	9:05	342	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling (AAPG)
Roller, Elizabeth	Monday	p.m.	15F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Root, Jonathan	Monday	p.m.	11D	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Rose, Peter	Tuesday	a.m.	8:05	General Assembly C	Theme 11: Future of Energy: Previous Predictions and Future Trends (AAPG)
Ross, Christopher	Monday	a.m.	10:10	360	Theme 9: Geophysics: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)
Ross, Christopher	Tuesday	p.m.	3:45	360	Theme 9: Geophysics: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)
Ross, Malcolm	Sun.	p.m.	2:20	General Assembly B	History of Petroleum Geology
Roth, Michael	Tuesday	p.m.	1:20	General Assembly A	Theme 6: Unconventional: Emerging and Mature North American Plays (EMD/AAPG)
Roth, Murray	Tuesday	a.m.	10:10	General Assembly A	Theme 6: Unconventional: Permian and Eagle Ford (EMD/AAPG)
Rowan, Mark	Tuesday	p.m.	4:45	351	Theme 10: International Regions: Europe (AAPG)
Rowan, Mark	Tuesday	p.m.	1:20	342	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)

## Presenter Cross Reference

Rowan, Mark	Wednesday	p.m.	3:25	General Assembly A	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Rowe, Harry	Tuesday	a.m.	9A	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems III (SEPM)
Rowe, Harry	Wednesday	a.m.	17A	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)
Rubio, Claudia	Monday	a.m.	10:30	360	Theme 9: Geophysics: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)
Rueda Sánchez, Laura	Monday	p.m.	13F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Ruppel, Stephen	Monday	a.m.	8:05	General Assembly A	Theme 6: Unconventional: Advances in Mudstone and Organic Matter Depositional Processes (EMD/AAPG)
Russell, Catherine	Monday	a.m.	7A	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
Rust, Charles	Monday	p.m.	5F	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Rynott, Tim	Wednesday	p.m.	4:45	351	Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)
<b>S</b> Sahoo, Swapan	Tuesday	a.m.	11:10	370	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain (AAPG)
Saint-Ange, Francky	Tuesday	p.m.	9E	Exhibition Hall D/E	Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)
Sajjad, Ahmad	Tuesday	p.m.	15B	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Saller, Arthur	Tuesday	a.m.	4F	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Samakinde, Chris	Wednesday	a.m.	6D	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Samsu, Anindita	Tuesday	a.m.	15A	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Sanchez, Carla	Tuesday	a.m.	3E	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Sapiie, Benyamin	Monday	p.m.	23E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)
Sapiie, Benyamin	Tuesday	p.m.	19B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Sapiie, Benyamin	Tuesday	p.m.	19C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Sarg, Rick	Tuesday	p.m.	1:20	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42 II
Sarker, Ritu	Monday	a.m.	15D	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)
Sassi, William	Tuesday	a.m.	21B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Saunders, Michael	Tuesday	p.m.	22A	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Saura, Eduard	Tuesday	a.m.	13F	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Savva, Dimitri	Tuesday	p.m.	9D	Exhibition Hall D/E	Theme 1: Siliciclastics: Insights from Mexico to Nova Scotia (AAPG)
Sawyer, Derek	Tuesday	p.m.	23F	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Scarselli, Nicola	Monday	a.m.	22B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Scarselli, Nicola	Tuesday	a.m.	10:30	342	Theme 5: Deepwater: Non-Turbidite Deepwater Units as Key Petroleum System Elements (SEPM/AAPG)
Schenk, Paul	Tuesday	a.m.	10:45	332	Theme 11: Future of Energy: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (AAPG)
Schieber, Juergen	Monday	a.m.	10:10	General Assembly A	Theme 6: Unconventional: Advances in Mudstone and Organic Matter Depositional Processes (EMD/AAPG)
Schieber, Juergen	Monday	a.m.	9:05	361	Theme 1: Siliciclastics: Contributions From Numerical and Physical Models: From Fluvial to Deepwater (SEPM)
Schiefelbein, Craig	Monday	a.m.	11:10	360	Theme 9: Geophysics: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)
Schiøtt, Christian	Tuesday	a.m.	23B	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Schneider, Mark	Monday	a.m.	16D	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)
Schnyder, Jara	Monday	p.m.	3:45	370	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Schoellkopf, Noelle	Wednesday	a.m.	8:05	361	Theme 3: Geochemistry/Petroleum Systems: Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Schoen, Robert	Monday	p.m.	23F	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)
Schovsbo, Niels	Tuesday	p.m.	18D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Schumacher, Dietmar	Monday	a.m.	14D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)



## Presenter Cross Reference

Schumacher, Dietmar	Tuesday	p.m.	2:20	370	Theme 3: Geochemistry/Petroleum Systems: Risk Quantification Through Petroleum System Analysis (AAPG)
Schwarz, Stephen	Monday	p.m.	21B	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
Seals, Kelsey	Tuesday	a.m.	1B	Exhibition Hall D/E	AAPG Student Posters II
Seers, Thomas	Tuesday	a.m.	14E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Selem, Ahmed	Monday	p.m.	12A	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Seminario, Federico	Tuesday	a.m.	9:05	351	Theme 10: International Regions: Latin America (AAPG)
Sen, Samil	Tuesday	p.m.	16C	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Sen, Samil	Tuesday	p.m.	16D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Sereda, Richard	Tuesday	p.m.	4:25	General Assembly A	Theme 6: Unconventional: Emerging and Mature North American Plays (EMD/AAPG)
Shaffer, Madeline	Monday	p.m.	22E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)
Shafiq, Muhammad Amir	Tuesday	a.m.	23D	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Shah, Syed	Monday	p.m.	18B	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Shaopeng, Wang	Tuesday	a.m.	24C	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Sharman, Glenn	Wednesday	p.m.	3:25	General Assembly B	Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)
Sharman, Glenn	Wednesday	p.m.	4:45	General Assembly B	Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)
Sheehy, Tim	Monday	a.m.	15E	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)
Sheehy, Tim	Monday	p.m.	2:00	351	Theme 8: Emerging Frontiers: Impact of Geologic Uncertainty on Pore Pressure and Implications for Well Design (AAPG)
Sheibani, Farrokh	Wednesday	a.m.	8F	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Shen, Fangyu	Monday	a.m.	13C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
Shi, Miao	Wednesday	a.m.	14A	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China I (EMD/AAPG)
Shmela, Ahmad	Wednesday	a.m.	10:10	370	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Shumaker, Lauren	Monday	p.m.	2:20	361	Theme 1: Siliciclastics: Innovative Techniques and Workflows (AAPG/SEPM)
Shumaker, Lauren	Monday	p.m.	7B	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Shumaker, Niven	Tuesday	a.m.	9:05	General Assembly C	Theme 11: Future of Energy: Previous Predictions and Future Trends (AAPG)
Silberstorf, Ryan	Wednesday	a.m.	9C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Simms, Alexander	Wednesday	p.m.	4:05	360	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Simon, Rebekah	Wednesday	p.m.	4:45	342	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Simone, Alessandra	Tuesday	p.m.	5D	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)
Sims, Paul	Wednesday	a.m.	1A	Exhibition Hall D/E	AAPG Student Posters III
Singh, Pulkit	Wednesday	a.m.	24D	Exhibition Hall D/E	Theme 2: Microbial Carbonates - Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Skupio, Rafal	Tuesday	p.m.	18A	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Skupio, Rafal	Tuesday	p.m.	18B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Smith, Benjamin	Monday	a.m.	8:45	General Assembly C	Theme 2: Carbonates: Honoring Lloyd C. Pray for His Contributions to Carbonates - From Cements and Pore Systems to Buildups, Slopes, and Allocthonous Deposits (SEPM/AAPG)
Smith, Katelynn	Tuesday	a.m.	25E	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Snedden, John	Tuesday	a.m.	8:45	342	Theme 5: Deepwater: Non-Turbidite Deepwater Units as Key Petroleum System Elements (SEPM/AAPG)
Solum, John	Wednesday	p.m.	1:40	361	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Sømme, Tor	Wednesday	a.m.	10:10	General Assembly A	Theme 1: Siliciclastics: Source to Sink II: Global Examples (SEPM)
Song, Liaosha	Wednesday	a.m.	2C	Exhibition Hall D/E	AAPG Student Posters III
Song, Xu	Wednesday	a.m.	12A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Sonnenberg, Stephen	Tuesday	a.m.	17D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Sonnenberg, Stephen	Wednesday	p.m.	2:20	351	Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)
Sorenson, Raymond	Sun.	p.m.	12:00	General Assembly B	History of Petroleum Geology
Sorkhabi, Rasoul	Sun.	p.m.	1:20	General Assembly B	History of Petroleum Geology
Soto-Kerans, Peter	Tuesday	a.m.	8E	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems III (SEPM)
Southern, Sarah	Monday	p.m.	3:25	360	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Southern, Sarah	Tuesday	p.m.	25D	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)

## Presenter Cross Reference

Spychala, Yvonne	Tuesday	p.m.	24E	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Stark, Philip	Tuesday	a.m.	8:45	General Assembly C	Theme 11: Future of Energy: Previous Predictions and Future Trends (AAPG)
Steel, Elisabeth	Monday	a.m.	10:30	361	Theme 1: Siliciclastics: Contributions From Numerical and Physical Models: From Fluvial to Deepwater (SEPM)
Steel, Ronald	Wednesday	a.m.	8:05	General Assembly A	Theme 1: Siliciclastics: Continental to Shallow Marine II: Tidal to Shelf (SEPM)
Steidtmann, Matthew	Tuesday	a.m.	2E	Exhibition Hall D/E	AAPG Student Posters II
Steinmann, Justin	Monday	a.m.	2B	Exhibition Hall D/E	AAPG Student Posters I
Sternbach, Charles	Monday	a.m.	8:05	General Assembly B	Discovery Thinking I
Stewart, Simon	Tuesday	p.m.	3:25	342	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Stright, Lisa	Monday	a.m.	5E	Exhibition Hall D/E	Theme 1: Siliciclastics: Innovative Techniques and Workflows (SEPM/AAPG)
Stright, Lisa	Tuesday	p.m.	4:05	361	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial, Fluvial and Aeolian (SEPM)
Strohmer, Christian	Tuesday	a.m.	6C	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Sturmer, Daniel	Monday	p.m.	8C	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Suardana, Made	Tuesday	a.m.	26C	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Sullivan, Nicholas	Monday	a.m.	11:30	General Assembly A	Theme 6: Unconventional: Advances in Mudstone and Organic Matter Depositional Processes (EMD/AAPG)
Sullivan, Nicholas	Monday	p.m.	20D	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
Summons, Roger	Tuesday	a.m.	8:45	370	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain (AAPG)
Sun, Lei	Wednesday	a.m.	1C	Exhibition Hall D/E	AAPG Student Posters III
Sun, Xun	Tuesday	a.m.	18E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Sun, Yingying	Monday	p.m.	24C	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Suosaari, Erica	Monday	p.m.	3:25	342	Theme 2: Carbonates: Microbial Carbonates – Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Suriamin, Fnu	Wednesday	a.m.	18F	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals III (EMD/AAPG)
Swindeman, Ryan	Monday	a.m.	8:25	360	Theme 9: Geophysics: Reservoir Characterization and Deep Water Exploration: Case Studies (AAPG)
Sylvester, Zoltan	Monday	p.m.	8D	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)
Tabassum, T. Parveen	Monday	p.m.	18C	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Tahoun, Sameh	Monday	a.m.	13E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
Tang, Yongchun	Wednesday	a.m.	19D	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals IV (EMD/AAPG)
Teas, Philip	Tuesday	a.m.	13C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Tedesco, Steven	Sun.	p.m.	2:00	General Assembly B	History of Petroleum Geology
Tedesco, Steven	Monday	a.m.	15C	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergence of Exploration and Development (AAPG)
Tedesco, William	Wednesday	a.m.	8:40	General Assembly B	Theme 5: Deepwater: Major Deepwater Fields of the Offshore US Gulf of Mexico (AAPG)
Tellez, Jerson	Tuesday	a.m.	2D	Exhibition Hall D/E	AAPG Student Posters II
Tellez, Jerson	Wednesday	a.m.	1F	Exhibition Hall D/E	AAPG Student Posters III
Tenaglia, Max	Tuesday	a.m.	21D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Teoh, Chia Pei	Tuesday	a.m.	6F	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
Teran, Orlando	Tuesday	a.m.	16D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Tesch, Philipp	Monday	a.m.	2C	Exhibition Hall D/E	AAPG Student Posters I
Thebault, Alcide	Tuesday	p.m.	4:25	370	Theme 3: Geochemistry/Petroleum Systems: Risk Quantification Through Petroleum System Analysis (AAPG)
Thiéblemont, Antoine	Tuesday	p.m.	11D	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Thomas, Andrew	Tuesday	a.m.	8:45	360	Theme 1: Siliciclastics: Quantitative Reservoir Quality Prediction and Clastic Diagenesis (SEPM)
Thomas, Mark	Tuesday	a.m.	20A	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Thompson, Jessica	Monday	a.m.	9:05	370	Theme 4: Structure/Geomechanics: Contractional Structure and Tectonics (AAPG)



## Presenter Cross Reference

Thompson-Butler, William	Monday	p.m.	16A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Thorne, Sarah	Tuesday	a.m.	8C	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems III (SEPM)
Tian, Derui	Wednesday	a.m.	11E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Tian, Fei	Wednesday	a.m.	8C	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Tilston, Mike	Monday	a.m.	11:30	361	Theme 1: Siliciclastics: Contributions From Numerical and Physical Models: From Fluvial to Deepwater (SEPM)
Tinker, Scott	Wednesday	p.m.	2:00	351	Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)
Tongxing, Xia	Tuesday	a.m.	22C	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Tonietto, Sandra	Tuesday	p.m.	2B	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Torrado, Lucia	Monday	a.m.	2E	Exhibition Hall D/E	AAPG Student Posters I
Torres, Emilio	Monday	a.m.	21C	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Torres, Emilio	Tuesday	a.m.	19F	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Torres, Max	Tuesday	a.m.	8:25	351	Theme 10: International Regions: Latin America (AAPG)
Totake, Yukitsugu	Monday	p.m.	24B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Contractual Structure and Tectonics (AAPG)
Trevino, Ramon	Wednesday	p.m.	4:25	General Assembly C	Theme 7: Energy & Environment: Climate, Environment, and Challenges to the Industry (DEG)
Trower, Elizabeth	Tuesday	a.m.	9C	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems III (SEPM)
Trujillo, Natasha	Wednesday	a.m.	9E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Turner, Bryan	Tuesday	a.m.	18B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Tuttle, Trevor	Tuesday	a.m.	18C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
<b>U</b> Ukari, Estibalitz	Tuesday	a.m.	14C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)
Umbarger, Keelan	Tuesday	a.m.	9D	Exhibition Hall D/E	Theme 7: Energy & Environment: Induced Seismicity, Hydro Fracturing, and Other Oil Recovery Best Practices (DEG)
Unger, Zoltan	Tuesday	p.m.	13C	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Ustipak, Kelsi	Monday	p.m.	3:45	360	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
<b>V</b> Vaisblat, Noga	Wednesday	a.m.	9D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Vakarelov, Boyan	Wednesday	a.m.	8:45	General Assembly A	Theme 1: Siliciclastics: Continental to Shallow Marine II: Tidal to Shelf (SEPM)
Van Der Loop, Mary	Monday	a.m.	18F	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
van Toorenburg, Koen	Monday	a.m.	7E	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
van Wijk, Jolante	Tuesday	p.m.	19D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Varady, Carlos	Wednesday	a.m.	11:10	361	Theme 3: Geochemistry/Petroleum Systems: Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Veillard, Claire	Wednesday	p.m.	4:25	342	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Velasco, Maria	Tuesday	p.m.	21C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Fault Seal and Fault Zone Modeling (AAPG)
Velasquez, Antonio	Tuesday	p.m.	2:20	360	Theme 9: Geophysics: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)
Vennemann, Alan	Tuesday	a.m.	25C	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Villaneda-van Vloten, Isabel	Monday	p.m.	3A	Exhibition Hall D/E	SEPM Student Posters I
Villinski, Jennifer	Monday	p.m.	1:20	351	Theme 8: Emerging Frontiers: Impact of Geologic Uncertainty on Pore Pressure and Implications for Well Design (AAPG)
Voice, Peter	Tuesday	a.m.	6D	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Vora, Harsha	Monday	a.m.	9A	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
<b>W</b> Wakefield, Oliver	Tuesday	p.m.	10A	Exhibition Hall D/E	Theme 1: Siliciclastics: Impact of Structures on Sedimentary Systems (SEPM/AAPG)
Walker, Ann	Monday	a.m.	22E	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Walker, Christopher	Monday	p.m.	3:25	370	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Wallace, Davin	Wednesday	p.m.	2:20	360	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Walls, Joel	Monday	a.m.	17E	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)

## Presenter Cross Reference

Walls, Joel	Monday	p.m.	24D	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Wang, Guochang	Monday	p.m.	25D	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Wang, Guoting	Tuesday	p.m.	4E	Exhibition Hall D/E	Theme 2: Carbonates: Pore Networks: From Nano-Scale to Touching Vug & Fracture Systems (SEPM)
Wang, Jian	Wednesday	a.m.	15D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China II (EMD/AAPG)
Wang, Jun	Monday	a.m.	11B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)
Wang, Qifeng	Wednesday	a.m.	16D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China II (EMD/AAPG)
Wang, Ting	Tuesday	a.m.	17E	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Wang, Wei	Monday	a.m.	8B	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
Wang, Xiao	Monday	a.m.	13D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
Wang, Xingxing	Monday	p.m.	2C	Exhibition Hall D/E	SEPM Student Posters I
Wang, Xingxing	Wednesday	a.m.	2F	Exhibition Hall D/E	AAPG Student Posters III
Wang, Yongfeng	Tuesday	p.m.	11E	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Wang, Yulun	Monday	a.m.	17A	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Wang, Zexuan	Monday	a.m.	23C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Wang, Ziyuan	Monday	a.m.	9B	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
Wang, Ziyuan	Tuesday	p.m.	6B	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)
Warny, Sophie	Wednesday	p.m.	2:40	360	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Warrell, Kathleen	Wednesday	a.m.	10:30	370	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Washburn, Edward	Wednesday	a.m.	10:40	General Assembly B	Theme 5: Deepwater: Major Deepwater Fields of the Offshore US Gulf of Mexico (AAPG)
Wasson, Matthew	Wednesday	p.m.	2:20	342	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
Wearmouth, Curran	Tuesday	p.m.	26C	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Webb, Peter	Monday	a.m.	25C	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Wehner, Matthew	Monday	p.m.	26B	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Wei, Zedian	Wednesday	a.m.	13A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Welcome, Leiaka	Tuesday	a.m.	4A	Exhibition Hall D/E	Theme 1: Siliciclastics: Challenging Basins/Mixed Systems (SEPM)
Weller, Ryan	Monday	a.m.	19D	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Wellner, Julia	Wednesday	p.m.	1:40	360	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Wendebourg, Johannes	Tuesday	p.m.	4:25	360	Theme 9: Geophysics: Integration of Geophysics With Geology: Theory, Workflow and Case Studies (AAPG)
Wensaas, Lars	Wednesday	a.m.	10:10	360	Theme 9: Geophysics: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)
West, Logan	Tuesday	p.m.	25B	Exhibition Hall D/E	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
White, Colin	Tuesday	p.m.	22E	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Wicker, Joe	Tuesday	a.m.	8:45	General Assembly A	Theme 6: Unconventional: Permian and Eagle Ford (EMD/AAPG)
Wilcoxson, Ryan	Tuesday	a.m.	18A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Risk Analysis and Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Wild, Richard	Monday	p.m.	2:20	360	Theme 5: Deepwater Deposits: From Classic Models to Paradigm Shifts (SEPM/AAPG)
Wilhelm, Chandler	Wednesday	p.m.	1:20	351	Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists (DPA/AAPG)
Willette, Donna	Wednesday	a.m.	11:30	361	Theme 3: Geochemistry/Petroleum Systems: Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
Williams-Stroud, Sherilyn	Tuesday	a.m.	11E	Exhibition Hall D/E	Theme 7: Energy & Environment: Reclamation and Greenhouse Gas Sequestration Techniques and Best Practices
Willis, Brian	Monday	a.m.	8:05	361	Theme 1: Siliciclastics: Contributions From Numerical and Physical Models: From Fluvial to Deepwater (SEPM)
Willis, Brian	Wednesday	a.m.	8:25	General Assembly A	Theme 1: Siliciclastics: Continental to Shallow Marine II: Tidal to Shelf (SEPM)
Wilson, Elizabeth	Tuesday	a.m.	12B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Salt Structure and Tectonics (AAPG)
Wilson, Julie	Tuesday	a.m.	10:30	General Assembly C	Theme 11: Future of Energy: Previous Predictions and Future Trends (AAPG)
Wilson, Kerri	Tuesday	p.m.	14B	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Wilson, Ryan	Monday	a.m.	18E	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)



## Presenter Cross Reference

Wilson, Ryan	Tuesday	a.m.	20B	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Wilson, Tessa	Tuesday	a.m.	21A	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Americas: Canada and Argentina (EMD/AAPG)
Winter, Rene	Wednesday	a.m.	10:50	General Assembly A	Theme 1: Siliciclastics: Source to Sink II: Global Examples (SEPM)
Winter, Rene	Wednesday	p.m.	4:25	General Assembly A	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Withjack, Martha	Wednesday	a.m.	11:30	370	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Wood, Lesli	Tuesday	p.m.	4:05	General Assembly B	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42 II
Woodard, Jonathan	Monday	p.m.	19D	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Wooldridge, Luke	Tuesday	p.m.	5A	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)
Wooltorton, Tom	Monday	p.m.	4:05	361	Theme 1: Siliciclastics: Innovative Techniques and Workflows (AAPG/SEPM)
Worrell, Matthew	Tuesday	p.m.	23B	Exhibition Hall D/E	Theme 5: Deepwater: Insights From Circum-GOM Studies and Associated Petroleum Systems (AAPG)
Wright, Paul	Monday	p.m.	4:45	342	Theme 2: Carbonates: Microbial Carbonates – Modern and Ancient Analogs for Pre-Salt Deposits of the South Atlantic Margins (SEPM)
Wroblewski, Anton	Monday	a.m.	7D	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine I: Alluvial to Fluvial (SEPM)
Wroblewski, Anton	Monday	p.m.	3E	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine II: Fluvial, Deltaic and Aeolian (SEPM)
Wu, Haiguang	Tuesday	p.m.	1D	Exhibition Hall D/E	SEPM Student Posters II
Wu, Tengfei	Tuesday	p.m.	6A	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)
Wunsch, Marco	Tuesday	a.m.	6A	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Wygrala, Bjorn	Tuesday	p.m.	4:25	370	Theme 3: Geochemistry/Petroleum Systems: Risk Quantification Through Petroleum System Analysis (AAPG)
Xi, Kelai	Monday	a.m.	20D	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Xi, Kelai	Tuesday	a.m.	11D	Exhibition Hall D/E	Theme 7: Energy & Environment: Reclamation and Greenhouse Gas Sequestration Techniques and Best Practices
Xia, Daniel	Tuesday	p.m.	3:45	370	Theme 3: Geochemistry/Petroleum Systems: Risk Quantification Through Petroleum System Analysis (AAPG)
Xiao, Da kun	Tuesday	a.m.	24F	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Xie, Liujuan	Monday	a.m.	11:10	342	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling (AAPG)
Xing, Fengcun	Tuesday	a.m.	6E	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems II (SEPM)
Xu, Chunlu	Monday	a.m.	9E	Exhibition Hall D/E	Theme 9: Geophysics: Rock Physics, Non-Seismic, 4-D Time Lapse and Microseismic: Integration and Applications (AAPG)
Xu, Jie	Monday	p.m.	6C	Exhibition Hall D/E	Theme 1: Siliciclastics: Source to Sink (SEPM)
Xu, Jie	Wednesday	p.m.	2:20	General Assembly B	Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)
Xu, Jinjun	Monday	p.m.	15A	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Xu, Qiuchen	Monday	a.m.	13F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
Xu, Qiuchen	Monday	p.m.	12F	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Xu, Rongde	Monday	a.m.	16F	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)
Xu, Shaochuan	Wednesday	a.m.	9B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Geomechanics (AAPG)
Xu, Xiaofeng	Monday	a.m.	13B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain II (AAPG)
Xu, Yuan	Tuesday	p.m.	2:00	370	Theme 3: Geochemistry/Petroleum Systems: Risk Quantification Through Petroleum System Analysis (AAPG)
Xu, Zhaohui	Wednesday	a.m.	8D	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Xuefeng, Zhou	Tuesday	a.m.	26E	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Yalamanchili, Rao	Wednesday	a.m.	8:45	360	Theme 9: Geophysics: Non-Seismic Methods, Time Lapse Seismic and Rock Physics: Techniques, Integration Approach and Case Studies (AAPG)
Yan, Na	Monday	p.m.	10C	Exhibition Hall D/E	Theme 5: Deepwater: Contributions From Numerical and Physical Models (SEPM)

## Presenter Cross Reference

Yang, Haifeng	Monday	p.m.	20C	Exhibition Hall D/E	Theme 11: Future of Energy: Exploration and Essential Tools for the Next Generation (AAPG)
Yang, Mingyu	Wednesday	a.m.	2A	Exhibition Hall D/E	AAPG Student Posters III
Yang, Wan	Wednesday	a.m.	5F	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42
Yang, Wei	Wednesday	a.m.	6C	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Yang, Weihang	Monday	p.m.	14D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Yao, Guangqing	Monday	a.m.	15F	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Seep Hunting, Pore Pressure and Convergency of Exploration and Development (AAPG)
Yawar, Zalmai	Tuesday	p.m.	1C	Exhibition Hall D/E	SEPM Student Posters II
Yee, Denise	Tuesday	p.m.	2:20	General Assembly A	Theme 6: Unconventional: Emerging and Mature North American Plays (EMD/AAPG)
Yezerksi, Donald	Tuesday	p.m.	4F	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)
Yin, Qianqian	Wednesday	a.m.	16A	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China II (EMD/AAPG)
Yu, Jingbo	Tuesday	a.m.	23E	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Stratigraphy - Techniques and Interpretation: Case Studies in Deepwater, Subsalt, Carbonates and Conventional Plays (AAPG)
Yu, Rui	Wednesday	a.m.	26B	Exhibition Hall D/E	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)
Yu, Yixin	Monday	a.m.	23F	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Rifting and Extension (AAPG)
Yuan, Guanghui	Tuesday	p.m.	5E	Exhibition Hall D/E	Theme 1: Siliciclastics: Clastic Diagenesis, Reservoir Quality & Geochemistry (SEPM)
Zagorski, Bill	Monday	a.m.	8:45	General Assembly B	Discovery Thinking I
Zalán, Pedro	Monday	a.m.	10:30	351	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)
Zandkarimi, Gholamreza	Tuesday	p.m.	18C	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the Eastern Hemisphere (EMD/AAPG)
Zastrozhnov, Dmitry	Monday	a.m.	26B	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Crustal Architecture & Rifting (AAPG)
Zened, Olfa	Monday	p.m.	25E	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals II (EMD/AAPG)
Zeng, Hongliu	Monday	p.m.	1:40	361	Theme 1: Siliciclastics: Innovative Techniques and Workflows (AAPG/SEPM)
Zeng, Hongliu	Tuesday	a.m.	26B	Exhibition Hall D/E	Theme 9: Geophysics: Seismic Attributes Interpretation and Integration in Exploration: Advanced Techniques and Worldwide Case Studies (AAPG)
Zeng, Yan	Monday	a.m.	20F	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Zha, Ming	Monday	a.m.	12C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Basin Modeling and Geochemistry Along the Value Chain I (AAPG)
Zhai, Rui	Wednesday	a.m.	5A	Exhibition Hall D/E	Theme 12: SEPM Research Symposium: How Seismic and Sequence Stratigraphy Have Advanced: 40 Years after AAPG Memoir 26 and 30 Years after SEPM Special Publication 42
Zhan, Xin	Monday	p.m.	15B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling I (AAPG)
Zhang, Hualing	Monday	a.m.	3C	Exhibition Hall D/E	AAPG Student Posters I
Zhang, Jiajia	Tuesday	p.m.	10E	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Zhang, Jing	Monday	a.m.	17F	Exhibition Hall D/E	Theme 6: Unconventional: Plays of the U.S. Lower 48 (EMD/AAPG)
Zhang, Jinyu	Wednesday	p.m.	2:00	General Assembly B	Theme 1: Siliciclastics: Source to Sink I: Emphasis on the Gulf of Mexico (SEPM)
Zhang, Lan	Wednesday	a.m.	7A	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Zhang, Rucai	Wednesday	a.m.	11D	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Zhang, Shuo	Monday	p.m.	11E	Exhibition Hall D/E	Theme 2: Carbonates: Carbonate Diagenesis and Paleohydrologic Modeling (SEPM)
Zhang, Tongwei	Wednesday	a.m.	9:05	361	Theme 3: Geochemistry/Petroleum Systems: Hydrocarbon Charge Assessment of Unconventional Plays (AAPG)
ZHANG, Xianguo	Wednesday	a.m.	7E	Exhibition Hall D/E	Theme 9: Geophysics: Integration of Geophysics and Geology for Reservoir Characterization: Case Studies (AAPG)
Zhang, Xiangyu	Monday	p.m.	19A	Exhibition Hall D/E	Theme 7: Energy & Environment: Fossil Fuel Demands, Environmental, and Mitigation Best Practices (DEG)
Zhang, Xiaodong	Monday	p.m.	1E	Exhibition Hall D/E	SEPM Student Posters I
Zhang, Xiaodong	Tuesday	a.m.	11F	Exhibition Hall D/E	Theme 2: Carbonates: Depositional Models for Carbonate and Evaporite Systems I (SEPM)
Zhang, Yuxiang	Monday	a.m.	21B	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals I (EMD/AAPG)
Zhao, Ankun	Wednesday	a.m.	16E	Exhibition Hall D/E	Theme 6: Unconventional: Plays of China II (EMD/AAPG)
Zhao, Wenzhi	Tuesday	p.m.	16B	Exhibition Hall D/E	Theme 8: Emerging Frontiers: Emerging Basins (AAPG)



## Presenter Cross Reference

Zhao, Xiaoming	Tuesday	p.m.	12C	Exhibition Hall D/E	Theme 5: Deepwater: Deep-Marine Deposits: New Insights Relevant to Worldwide Deep-Water Exploration and Production (AAPG)
Zhao, Yushi	Monday	p.m.	15C	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: New Technologies and Workflows in Geochemistry and Basin Modeling II (AAPG)
Zhou, Jie	Wednesday	a.m.	19A	Exhibition Hall D/E	Theme 6: Unconventional: New Technologies and New Concepts in Unconventionals IV (EMD/AAPG)
Zhou, Yijun	Wednesday	a.m.	13B	Exhibition Hall D/E	Theme 3: Geochemistry/Petroleum Systems: Petroleum Systems of China (AAPG)
Zhu, Guangyou	Wednesday	a.m.	26D	Exhibition Hall D/E	Theme 2: Carbonates: Giant Carbonate Reservoirs and Their Basins (AAPG/SEPM)
Zhuo, Haiteng	Wednesday	a.m.	23A	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Zimmer, Eva	Tuesday	p.m.	7D	Exhibition Hall D/E	Theme 1: Siliciclastics: Continental to Shallow Marine III: Aeolian to Shallow Marine (SEPM)
Zimmerman, Eric	Monday	a.m.	10:50	General Assembly B	Discovery Thinking I
Zurbuchen, Julie	Wednesday	a.m.	21F	Exhibition Hall D/E	Theme 1: Siliciclastics: Sea-Level, Climatic, and Autogenic Controls on Coastal and Marine Stratigraphy: A Session Honoring the Career of John B. Anderson (SEPM)
Zvirtes, Gustavo	Tuesday	a.m.	15D	Exhibition Hall D/E	Theme 4: Structure/Geomechanics: Structural Analysis in Fractured and Unconventional Reservoirs (AAPG)

## Drones and UAVs: Solving Problems, Finding Resources

23-24 May 2017 | Houston, TX



Learn how to identify and describe the ways drones and UAVs use new sensors and analytics that may help optimize the exploration and production of oil and gas, and to reduce costs and find innovative cost-saving solutions for problems. The workshop will consist of 45-minute presentations by experts on case studies, technical solutions, and emerging new practices.

Presentations focus on using UAVs and drones in the following ways:

- Using new sensors & sensor combinations for a number of purposes
- Detecting fugitive methane
- Using hyperspectral for inspecting tank farms and facilities
- Identifying volumes / monitoring surface water
- 3D images, simulation, planning using drone-derived hyperspectral and multispectral data
- Data analytics / interpretation for data visualization
- Planning drone / UAV missions
- Other possibilities...

**\$595** Regular

**\$295** Presenter

**\$250** Young Professional

**\$295** Students and Displaced

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## Mid-Continent Playmaker Forum

11 May 2017 | Oklahoma City, OK



Hear technical experts discuss the Mid-Continent's success and technical knowledge that can be implemented to your current projects or production.

General discussions for this forum will include:

- Roles in the unconventional development of the Anadarko Basin
- How to raise and make money during a long period of stressed commodity prices
- Keys to extending mature resource plays and exploring new unconventional opportunities
- How to make efficient use of all that data.

Specific topics are as follows:

- STACK Development
- Southwest Stack Deep Gas
- Northwest Stack Play
- SCOOOP Development
- Merge Exploration
- Springer Shale Exploration
- The Penn Sand Resource Play
- How to make efficient use of data

**\$395** Nonmember

**\$296** AAPG / DPA / OCGS Member

**\$50** Luncheon

Learn more at [www.aapg.org/career/training](http://www.aapg.org/career/training)

### Upcoming Calendar Events:

**Global Deepwater Siliciclastic Reservoirs**  
 29 April 2017 | Houston, Texas  
 in conjunction with OTC 2017

**Seismic Interpretation in Deep Water Basins**  
 29 April 2017 | Houston, Texas  
 in conjunction with OTC 2017

**Introduction to Shale Gas**

**Geothermal Energy Basics: A Renewable Energy Certificate Course**

**Leadership and Strategic Thinking in the Oil & Gas Industry**

## Committee Meetings

COMMITTEE	DAY	TIME	ROOM
<b>AAPG – Meetings will be held at the Hilton Americas Houston Hotel unless otherwise noted.</b>			
100th Anniversary Outcrops Editors	Sunday	12:00 p.m.–2:00 p.m.	Room 335 C
2017 ACE Convention Wrap-Up	Tuesday	3:00 p.m.–4:00 p.m.	Room 340
2018 ACE Committee Meeting	Tuesday	2:00 p.m.–3:00 p.m.	Room 340
AAPG Advisory Council	Friday	8:30 a.m.–5:00 p.m.	Room 335
AAPG Executive Committee	Saturday	8:00 a.m.–5:00 p.m.	Room 337
AAPG Executive Committee	Wednesday	12:00 p.m.–4:00 p.m.	Room 337
AAPG/SEPM Student Reception	Monday	6:00 p.m.–8:00 p.m.	Ballroom of the Americas D/E/F
Africa Region All Members Meeting	Tuesday	9:30 a.m.–11:00 a.m.	Grand Ballroom D
Africa Region Leadership Meeting	Tuesday	8:00 a.m.–9:00 a.m.	Room 329
All-Alumni Reception	Monday	5:30 p.m.–7:30 p.m.	Ballroom of the Americas A/B
Asia Pacific Region Meeting	Tuesday	8:30 a.m.–10:00 a.m.	Room 337
Astrogeology Committee	Tuesday	2:00 p.m.–4:00 p.m.	Room 336
Canada Region Reception	Tuesday	5:30 p.m.–7:00 p.m.	Room 339
Corporate Advisory Board	Sunday	10:45 a.m.–2:30 p.m.	Room 340
DEG Executive Committee and Advisory Board	Saturday	3:00 p.m.–5:00 p.m.	Room 330
DPA Council and Executive Committee	Saturday	8:00 a.m.–2:00 p.m.	Grand Ballroom J
Eastern Section Committee Meeting	Sunday	1:00 p.m.–2:30 p.m.	Room 335 A/B
Education Committee	Wednesday	8:00 a.m.–9:30 a.m.	Offsite
EMD Executive Committee and Leadership	Saturday	3:00 p.m.–5:00 p.m.	Room 336
Field Safety Committee	Tuesday	4:00 p.m.–5:00 p.m.	Room 336
Foundation Members of the Corporation and Trustees	Monday	1:30 p.m.–5:00 p.m.	Grand Ballroom G
GIS Publications Committee	Monday	9:00 a.m.–10:30 a.m.	Room 336
Global Distinguished Lecture Committee	Wednesday	12:00 p.m.–1:00 p.m.	Room 340
Gulf Coast Association of Geological Societies	Saturday	8:00 a.m.–4:00 p.m.	Room 340
History of Petroleum Geology Committee	Monday	7:00 a.m.–9:00 a.m.	Room 339
House of Delegates Leadership	Saturday	2:00 p.m.–5:00 p.m.	Room 339
House of Delegates Meeting	Sunday	8:00 a.m.	Grand Ballroom A/B/C/D/E/F
Imperial Barrel Award Committee	Monday	9:00 a.m.–11:00 a.m.	Room 340
Latin America and Caribbean Region Meeting and Reception	Tuesday	5:30 p.m.–7:30 p.m.	Grand Ballroom D/E
Mid-Continent Section Council Meeting	Tuesday	7:00 a.m.–9:00 a.m.	Room 328
Petroleum Structure and Geomechanics Division (PSGD)	Tuesday	5:30 p.m.–9:30 p.m.	Room 335



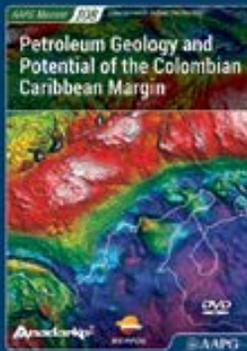
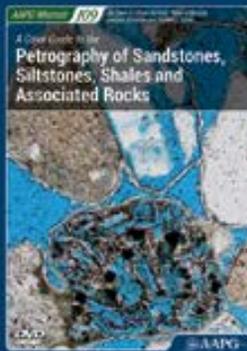
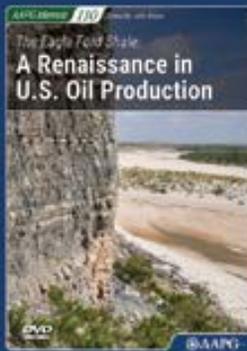
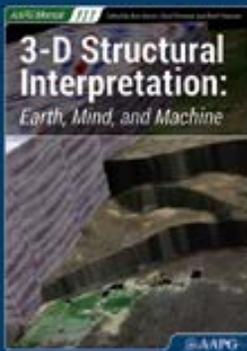
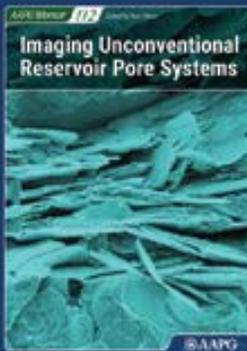
## Committee Meetings

Preservation of Geoscience Data Committee	Tuesday	8:00 a.m.–10:00 a.m.	Room 338
Research Committee	Tuesday	6:00 p.m.–7:00 p.m.	Room 328
Rocky Mountain Section Executive Council Meeting	Tuesday	4:00 p.m.–5:00 p.m.	Room 338
Sections Committee Meeting	Tuesday	12:00 p.m.–1:30 p.m.	Invitation Only
Student Career Seminar	Monday	4:00 p.m.–6:00 p.m.	Room 335
Student Chapters Committee	Sunday	10:30 a.m.–12:00 p.m.	Room 328
Technical Interest Group (TIG)/Special Interest Group (SIG)	Tuesday	1:30 p.m.–3:00 p.m.	George R. Brown Convention Center, Room 332
Unconventional Research Group	Tuesday	7:00 p.m.–9:30 p.m.	Grand Ballroom G/H
Visiting Geoscientist Program Committee	Tuesday	7:30 a.m.–9:00 a.m.	Grand Ballroom G
<b>SEPM Committee Meetings – Meetings will be held at the Four Seasons Hotel unless otherwise noted.</b>			
SEPM Council Meeting	Saturday	8:00 a.m.–5:00 p.m.	Austin
NAMS Council	Sunday	3:00 p.m.–4:00 p.m.	Bridgeport
SEPM Foundation Board Meeting	Monday	7:00 a.m.–9:30 a.m.	Hotel Restaurant
SEPM Foundation Reception	Tuesday	6:30 p.m.–7:30 p.m.	Austin
SEPM President's Reception	Tuesday	7:30 p.m.–9:30 p.m.	Ballroom B
<b>SEPM Research Groups – Meetings will be held at the Four Seasons Hotel unless otherwise noted.</b>			
NAMS Marine Micro Research Group	Monday	7:00 p.m.–10:00 p.m.	Conroe
Siliciclastic Diagenesis Research Group	Monday	7:00 p.m.–10:00 p.m.	Austin
Carbonate Research Group	Monday	7:00 p.m.–10:00 p.m.	Ballroom A
Deepwater Research Group	Monday	7:00 p.m.–10:00 p.m.	Ballroom B
Sequence Strat Research Group	Monday	7:00 p.m.–10:00 p.m.	Whitney
<b>Other Meetings – Meetings will be held at the Hilton Americas-Houston Hotel unless otherwise noted.</b>			
AGI Past Presidents' and Foundation Reception & Dinner	Saturday	5:30 p.m.–9:00 p.m.	Room 335
AGI Executive Committee Meeting	Sunday	8:00 a.m.–1:00 p.m.	Room 336
AGI Member Society Council Meeting	Monday	8:00 a.m.–12:00 p.m.	Room 335 A
AGI Foundation Trustees Meeting	Tuesday	8:00 a.m.–12:00 p.m.	Room 335 A
Friends of Sherlock Holmes	Wednesday	7:30 p.m.	Birraporetti's Downtown, 500 Louisiana Street

## Room Assignments

*All events will take place at the George R. Brown Convention Center unless otherwise noted.*

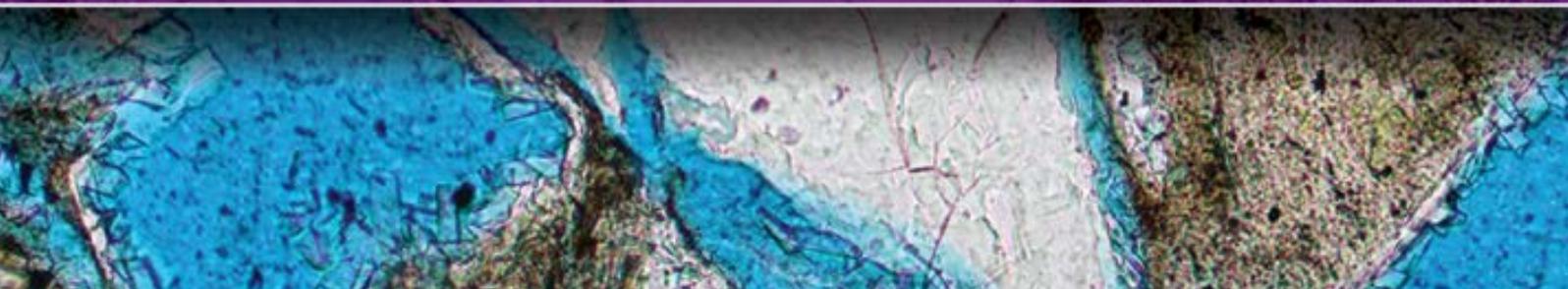
100th Anniversary Gala Dinner Program.....	Grand Ballroom
AAPG Center.....	Exhibition Hall C, Booth #100
AAPG Foundation.....	Exhibition Hall C, Booth #103
AAPG Information.....	Main Registration, Exhibition Hall D
AAPG PROWESS-AWG-SEG Forum: Pioneering Women in Petroleum Geology: 100 Years.....	Rooms 360 and 370
AAPG Volunteer Check-In.....	Room 340
AAPG/SEPM Student Reception.....	Hilton Americas-Houston Hotel, Ballroom of the Americas D/E/F
ACE Offices.....	Room 216, 217, 218, 219
All-Alumni Reception.....	Hilton Americas-Houston Hotel, Ballroom of the Americas A/B
All-Convention Luncheon.....	Grand Ballroom
Business Center.....	Level 2, near Guest Services, above Exhibition Hall E
Career Center.....	Room 350 D/E
Core/Data/Media Display.....	Exhibition Hall D/E, Booth #2144
DEG/EMD Luncheon.....	Room 320
DPA Luncheon.....	Room 320
End-of-Day Receptions.....	Exhibition Halls D/E
Exhibition.....	Exhibition Halls D/E
Exhibition Food Court.....	Exhibition Hall E
Exhibition Sales Office & Rebooking.....	Exhibition Hall E, Booth #2615
Guest Activities.....	Hilton Americas-Houston Hotel, Grand Ballroom A/B
Icebreaker Reception.....	Exhibition Halls D/E
Imperial Barrel Award (IBA) Ceremony.....	Grand Ballroom
Imperial Barrel Award (IBA) Competition.....	Room 372
International Pavilion.....	Exhibition Hall E
Judges' Room.....	Room 340
Luggage Check.....	Balcony B, Level 2
Main Registration.....	Exhibition Hall D
Media Lounge.....	Exhibition Hall E, Booth #2545
Medical Services/First Aid.....	Front of Exhibition Hall E
Opening Session and Awards Ceremony.....	Grand Ballroom
Oral Sessions.....	General Assembly Rooms A, B, C, Rooms 332, 342, 351, 360, 361, 370
Poster Sessions.....	Exhibition Halls C/D/E
Press Room.....	Room 350 A
Refreshment Breaks.....	Exhibition Halls C/D/E
Satellite Registration.....	Hilton Americas-Houston Hotel, Level 2
SEPM Business Meeting/Luncheon.....	Room 310
SEPM President's Reception and Awards Ceremony.....	Four Seasons Hotel, Ballroom B
SEPM Research Groups.....	Four Seasons Hotel, various rooms
Speakers Service Center.....	Room 340
Student Career Seminar.....	Hilton Americas-Houston Hotel, Room 335
Student and Faculty Lounge.....	Exhibition Hall C, Booth #101
Wi-Fi Hot Spot.....	Exhibition Hall E, Booth #2445
Young Professionals Meet & Greet.....	Room 310



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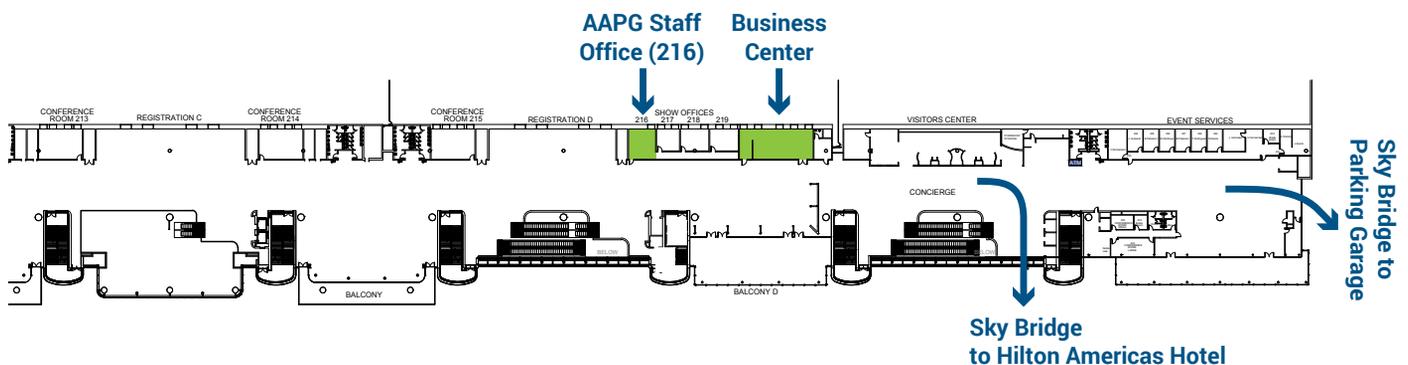


# Floor Plans – George R. Brown Convention Center

## LEVEL ONE



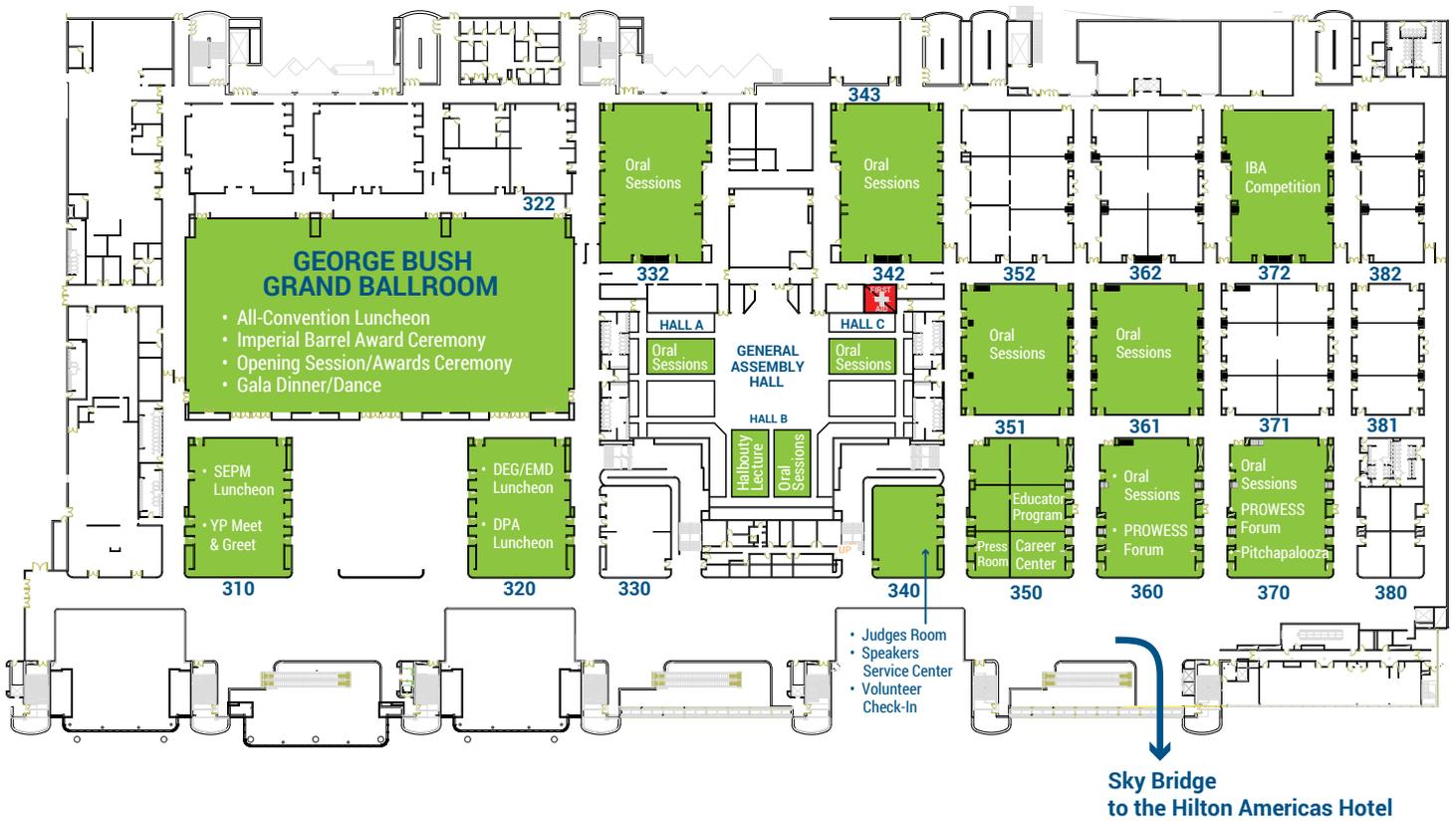
## LEVEL TWO





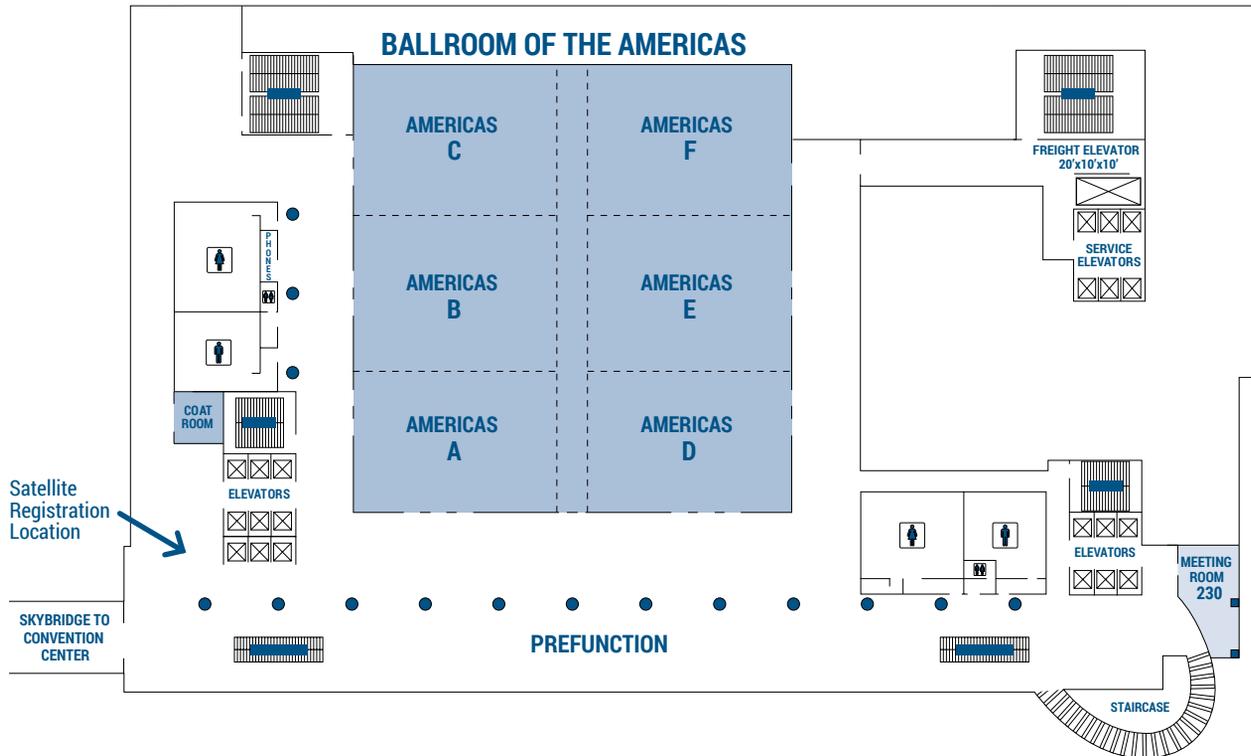
# Floor Plans – George R. Brown Convention Center

## LEVEL THREE

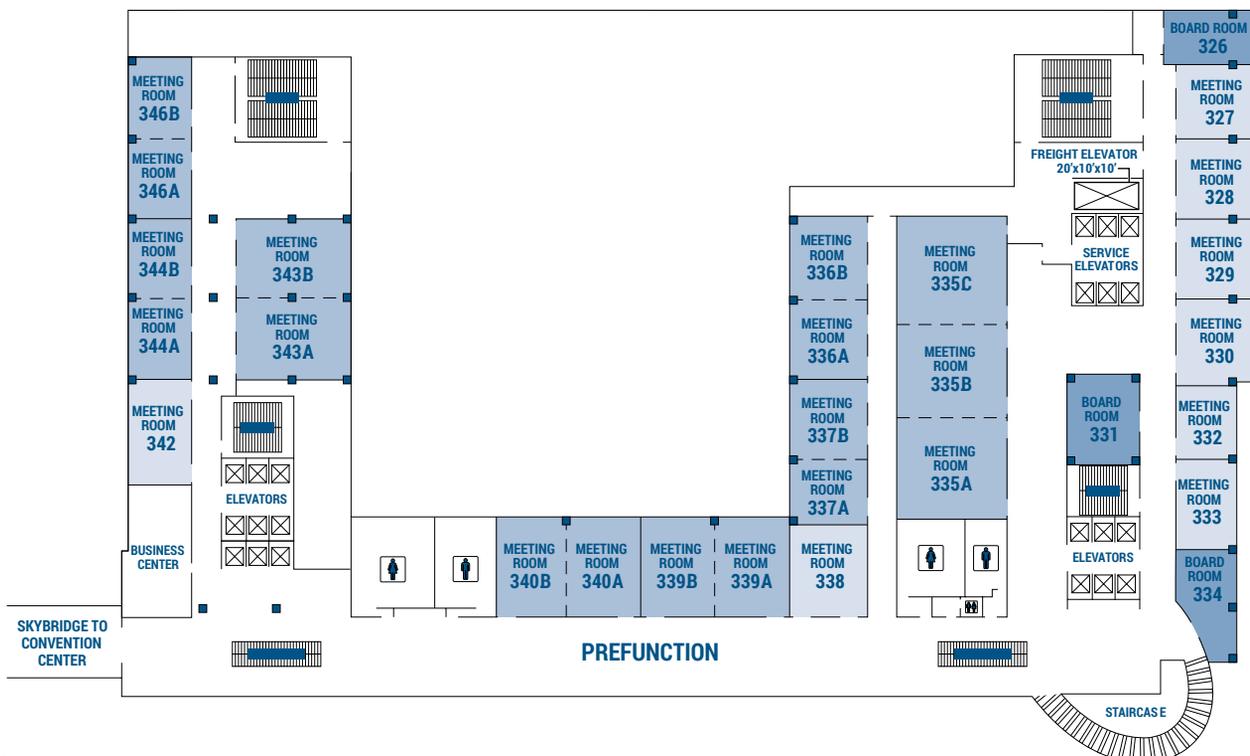


# Floor Plans – Hilton Americas-Houston Hotel

## LEVEL TWO



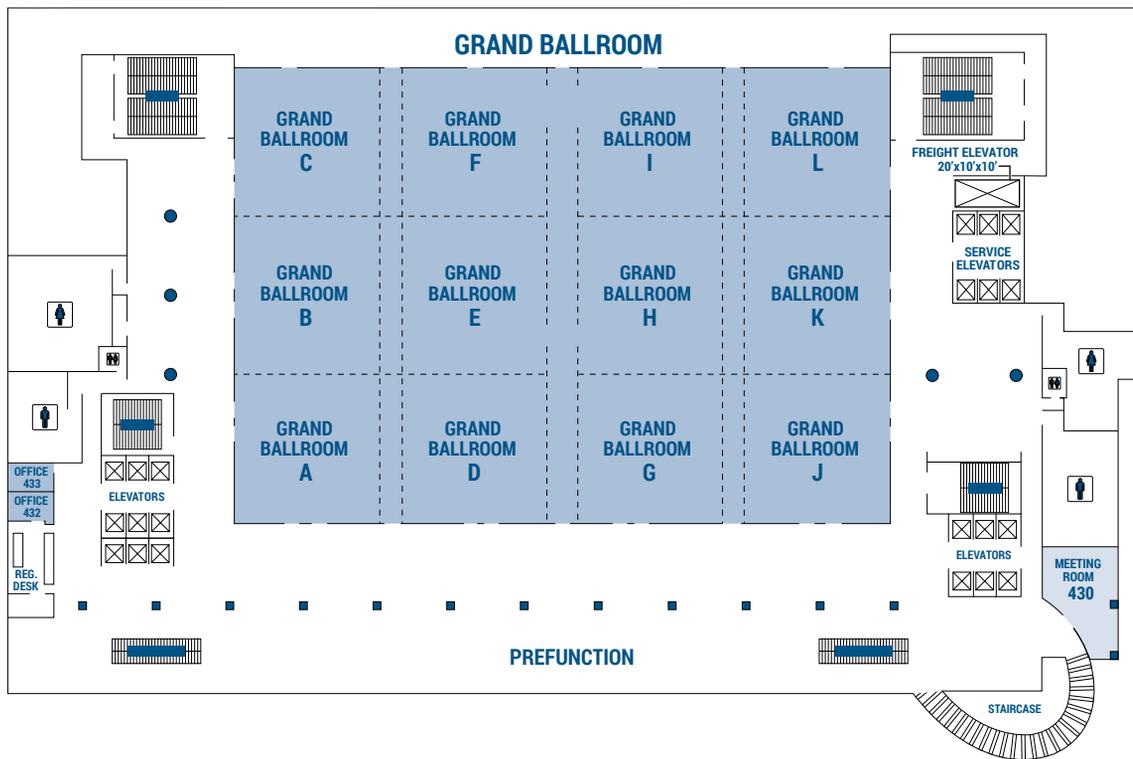
## LEVEL THREE





# Floor Plans – Hilton Americas-Houston Hotel

## LEVEL FOUR



## Exhibitors

Actus Veritas Geoscience.....	1221	Devon Energy Strategic Innovation .....	2044	GNS Science Ltd.....	2725
Advanced Logic Technology (ALT).....	2239	Digital Formation Inc. ....	2338	Government of Newfoundland & Labrador .....	2733
Alaska Division of Geological and Geophysical Surveys.....	1647	Digitcore Library Inc. ....	1942	GPT .....	2139
Alaska Division of Oil and Gas .....	1649	Dino-Lite Scopes (BigC).....	1407	Grand Canyon, by SRL, Inc.....	1140
Allied-Horizontal Wireline Services.....	1445	DKW Consulting, Ltd.....	2320	GridWorld.....	1943
ALS Oil & Gas, Corpro Empirica Logging .....	2233	Dynamic Graphics Inc.....	2333	Halliburton Energy Services Inc.....	1433
ALSEAMAR .....	2418	EAGE.....	1120	Hart Energy.....	2319
American Geosciences Institute (AGI).....	1315	Earthmoves Ltd. ....	2724	Hitachi High Technologies America....	1406
Amplified Geochemical Imaging LLC ...	1232	East Texas Geological Soc (ETGS) .....	1316	Horizon Well Logging/ An Excellence Logging Company.....	1918
Anson Geophysical .....	1245	EDCON- PRJ Inc.....	1907	Horizontal Solutions Int'l (HIS) .....	2538
Applied Petroleum Technology .....	1948	ELIIS .....	1214	Houston Geological Society .....	1137
ASD, Inc. a PANalytical Co. ....	1304	Elsevier R&D Solutions .....	1114	Hydrocarbon Data Systems Inc. ....	2627
Association for Women Geoscientists .....	1121	EMGS.....	2416	HYSY - ArcGeoLink .....	1144
Badley Ashton America Inc.....	2439	Energy & Geoscience Institute (EGI)....	1613	iBall Instruments, LLC.....	1409
Badley Geoscience .....	1813	Envoi Limited .....	2832	IHS Inc. ....	1833
Basin Dynamics, LLC .....	1320	ESG Solutions.....	1617	IKON Mining & Exploration .....	2533
BEICIP-FRANLAB.....	1542	ES Xplore, LLC.....	2048	Ikon Science Ltd .....	2123
Berger Geosciences, LLC .....	1238	ETAP .....	2737	Imaging Systems Group .....	1346
BGP Inc.....	2023	Exploration Technologies, Inc.....	2309	Imperial College London.....	1916
BHL Boresight, Inc. & BHL Consulting, Inc. ....	1115	Exhibitor Lounge.....	2613	Ingrain, Inc.....	1443
Block Engineering.....	2306	Falkland Islands Government .....	2824	Innova Plex, Inc. ....	1944
British Geological Survey.....	1347	Faroese Geological Survey .....	2823	INSPIRE Environmental .....	2540
Bruker Corporation .....	2001	Forestry Suppliers Inc.....	2515	Institute of Geological and Nuclear Sciences Limited .....	2723
Bureau of Ocean Energy Management (BOEM).....	1141	Fracture Studies LLC .....	1849	International Association of Geophysical Contractors (IAGC) .....	1515
C&C Reservoirs Inc. ....	1612	FROGTECH.....	2245	ION.....	2133
Cabral Energy .....	2321	Fugro .....	1219	International Pavilion Headquarters....	2829
Cegal .....	1806	GCAGS .....	2246	Kansas Geological Society .....	1247
CGG.....	1622	Gems & Crystals Unlimited .....	2006	Kansas Geological Survey .....	1344
Chemostrat.....	2016	GEO 2018.....	2116	Kansas Interdisciplinary Carbonates Consortium.....	1746
China University of Petroleum (Beijing).....	2624	Geo Applications, Ltd.....	1845	KFUPM.....	1205
China University of Petroleum .....	1220	GEO ExPro .....	1215	King Canyon Buffalo Inc. ....	2207
Chinook Consulting Services .....	1643	Geo-Link Inc.....	2221	Komodo Dragon.....	1133
Colorado School of Mines - Chevron Center of Research Excellence .....	1206	Geo-Microbial Technologies .....	1306	Lebanon.....	2723
CSM Sedimentary Analogs Database and Research Program .....	1209	Geochemical Insight.....	2625	Louisiana State University.....	1646
Colorado School of Mines Sonnenberg MUDTOC and Niobrara Consortia .....	1208	Geochemical Solutions International, Inc.....	2726	Lynx Information Systems Inc. ....	2738
Columbine Logging .....	2340	Geodynamics Research Group - Geology, Institute Technology of Bandung .....	1236	Mackay School of Earth Sciences & Engineering .....	1408
Core Exhibits .....	2144	GeoEdges Inc.....	2626	Macroscopic Solutions .....	2219
Core Laboratories .....	1807	Geoex, Ltd.....	2433	Math2Market GmbH .....	1318
Core Mineralogy, Inc. ....	1446	GeoFrontiers .....	1448	McMaster University.....	1204
Cossey and Associates Inc. ....	2640	Geokinetics Inc.....	1507	Media Lounge .....	2545
Crown Geochemistry Inc.....	2325	Geologic Data Systems.....	1218	MicroSeismic Inc. ....	1817
DEPROIL .....	2521	geoLOGIC systems, ltd.....	1225	Mid Continent Well Logging, Inc. ....	2519
		Geologix.....	1844	Midland Valley Exploration .....	1922
		Geomap Co. ....	1541	Ministry of Mines and Energy (Namibia) .....	2834
		GeoMark Research .....	2225	Mississippi State University .....	1549
		Geophysical Insights .....	1233	MJ Systems.....	1442
		Geophysical Society of Houston.....	1143		
		GeoSteering Solutions, Inc. ....	1513		
		Geotechmap, LLC.....	2045		
		GeoTeric .....	2539		
		GETECH .....	1616		



## Exhibitors

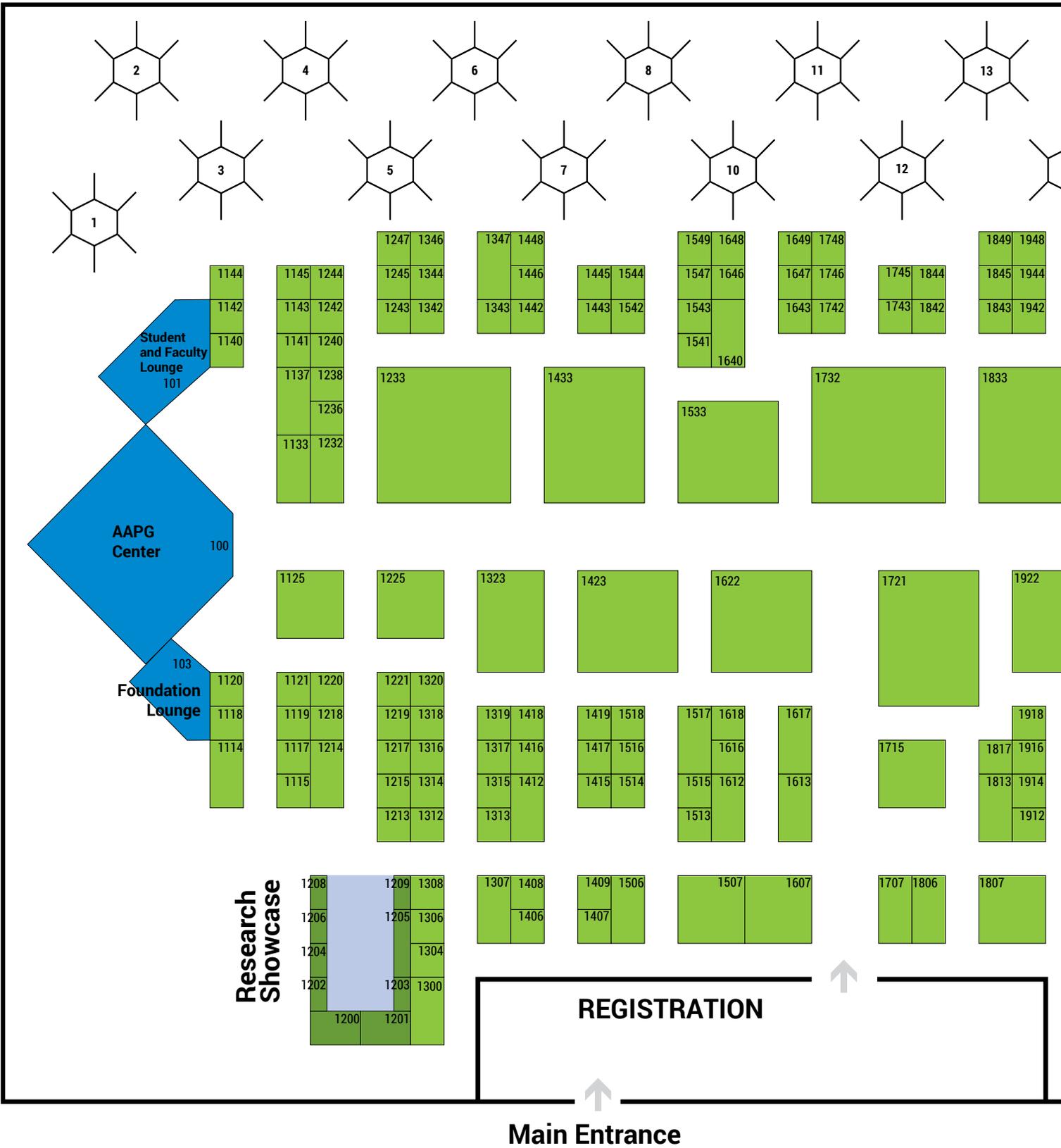
NAPE Expo.....	1145	Riley Geological Consultants Inc. ....	2241	TRE Altamira Inc. ....	1842
Natural Creations.....	2216	Rocking Horse Energy Services.....	1319	Tricon Geophysics .....	2623
Neuralog .....	2425	Rockwell Consulting Ltd. ....	1743	United Kingdom Oil	
Newfoundland and Labrador .....	2733	ROGII Inc.....	1640	and Gas Authority.....	2825
New Zealand Petroleum and Minerals .....	2727	Rose & Associates .....	1418	United O&G SMART4D Geosteering.....	1843
Nikon Instruments, Inc. ....	2012	RPS Group PLC .....	1307	University of Aberdeen .....	2639
Occidental Petroleum .....	1901	RS Energy Group.....	2213	University of Alabama .....	1547
Offshore, Oil & Gas Journal,		San Diego State University .....	2047	University of Colorado,	
Oil & Gas Financial Journal.....	2341	Saudi Aramco .....	1732	GEM Program .....	1543
Oil & Gas Authority .....	2825	SciAps Inc.....	2000	University of Houston .....	2413
Oklahoma City Geological Society.....	2420	SciOptic USA .....	1903	University of Kansas.....	1748
Oklahoma State University .....	1949	Seismological Society of America .....	2438	University of Leeds .....	2014
ONHYM, Morocco .....	2835	SeisWare Inc.....	2018	University of Manchester.....	2119
Ontario Petroleum Institute .....	2618	Seitel Inc.....	2633	University of Miami, CSL	
Oxford Instruments.....	2414	Selman & Associates, Ltd. ....	1618	Center for Carbonate Research .....	2042
Paladin Geological Services .....	2318	SGS .....	1745	University of Oklahoma .....	1648
Paleo-Data Inc. ....	1312	Society for Sedimentary		University of Texas at Austin,	
PARADIGM.....	1715	Geology (SEPM).....	1125	Jackson School of Geosciences.....	1707
Payzone Consulting Inc. ....	1742	Society of Exploration		University of Tulsa - CESE.....	1913
Perigon Data Solutions.....	2441	Geophysicists (SEG).....	1516	University of Tulsa -	
Petroleum Abstracts/		Southwest Research Institute .....	1506	School of Energy.....	1915
University of Tulsa .....	1912	Spectro Analytical Instruments .....	2105	Upstream .....	1544
Petroleum Commission (Ghana).....	2833	Spectrum Geo.....	1323	U.S. Geological Surevey (USGS) .....	1313
Petroleum Geo-Services (PGS).....	1721	Springer Nature .....	1308	USLandGrid.....	1243
Petrolink .....	1607	Stone Quilt Design .....	2118	VgeoTours Inc.....	1240
Petrosen .....	2837	StructureSolver.....	1914	Weatherford .....	1423
PetroSkills .....	1419	Student & Faculty Lounge .....	101	WellSight Systems Inc.....	1314
PetroStrat Inc. ....	2638	Subsurface Consultants		West Texas Geological Society.....	1518
Petrosys USA .....	2017	& Associates, LLC .....	2525	Western State Colorado University.....	1342
Petrotechnical Data Systems (PDS)....	1300	Sunburst Consulting.....	2117	Wildcat Technologies, LLC.....	2339
Platte River Associates, Inc.....	1217	System Development, Inc. (SDI) .....	2315	World Oil/Gulf Publishing .....	1213
PML Exploration Services		Task Fronterra Geoscience.....	2244	ZEISS Microscopy.....	1517
LLC/Edge Systems.....	1917	TDI-Brooks International .....	2419		
Polarcus.....	1317	Terra Guidance LLC.....	1343	AAPG Center .....	100
Polish Geological Institute –		Texas A&M University,		AAPG DataPages .....	2009
National Research Institute (Poland)...	2822	College of GeoSciences .....	1412	AAPG Digital Immersive	
Porotechnology .....	1416	TGS.....	1533	Geosciences (DIG) .....	2109
PyroPhase International, Inc. ....	2204	The Easy Copy Company .....	1514	AAPG Foundation .....	103
Queen's University, Master of Earth		The Geological Society		AAPG Insurance Program .....	1117
& Energy Resources Leadership .....	1118	of America (GSA).....	1417	AAPG Sales and Rebooking Office.....	2615
Raptor Consulting, Inc. ....	2104	the irf group inc. ....	1119		
Rigaku Americas.....	1415	TOTAL – HQ.....	2033		



### NO ELECTRONIC CAPTURING POLICY

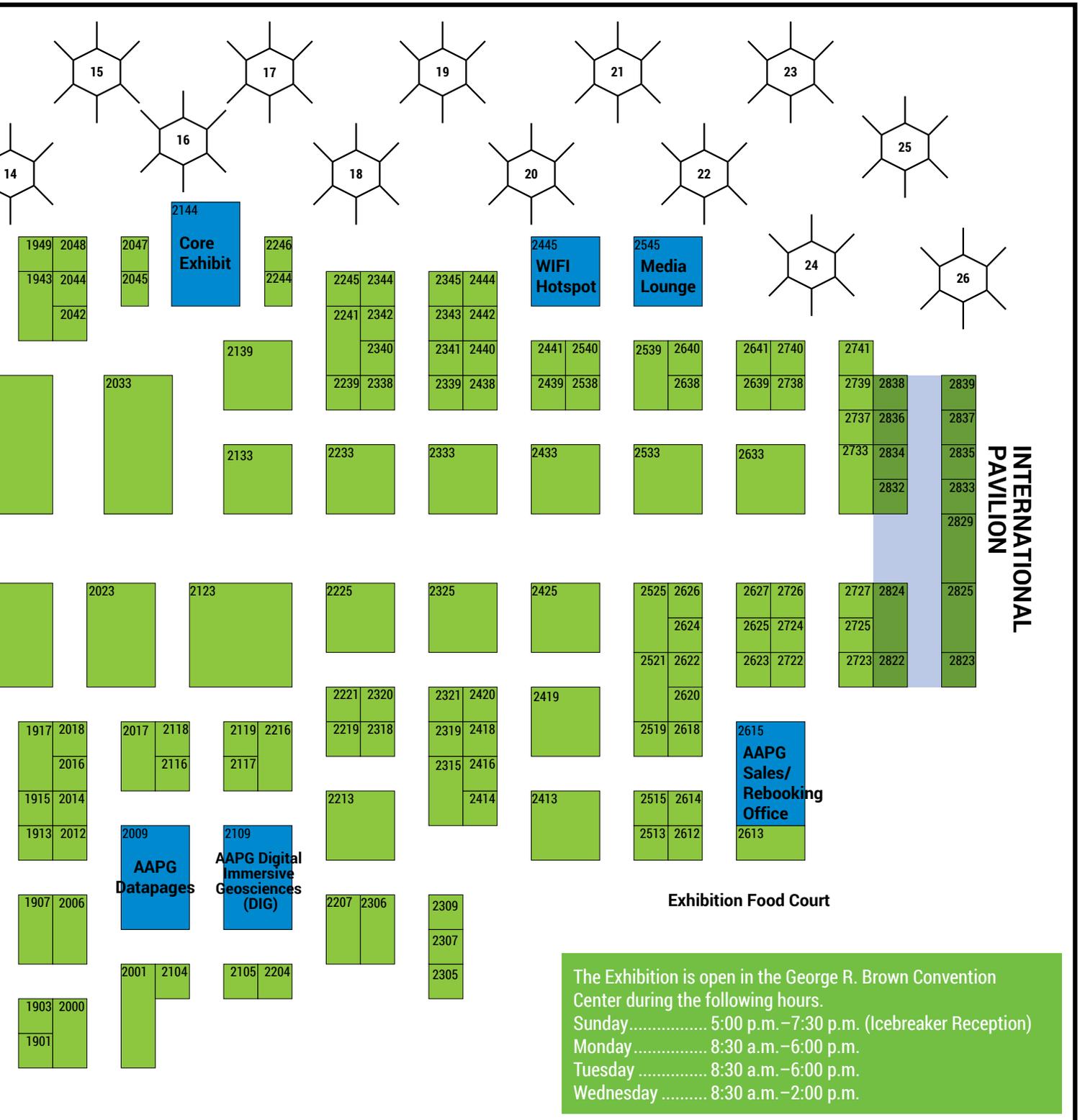
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Floor Plan – Exhibition Hall C/D/E





# Floor Plan – Exhibition Hall C/D/E



The Exhibition is open in the George R. Brown Convention Center during the following hours.

Sunday..... 5:00 p.m. – 7:30 p.m. (Icebreaker Reception)

Monday..... 8:30 a.m. – 6:00 p.m.

Tuesday ..... 8:30 a.m. – 6:00 p.m.

Wednesday ..... 8:30 a.m. – 2:00 p.m.

## Exhibitor Directory

- AAPG Insurance Program**..... 1117  
1155 Eugenia Place  
Carpinteria, California 93013  
United States  
Arnie Kaplan  
+1 805 566 9191  
www.akaplan@agia.com
- Actus Veritas Geoscience**..... 1221  
16107 Kessington Drive #373  
Sugar Land, Texas 77479  
United States  
Marel Sanchez  
+1 832 974 0284  
marel.sanchez@actusveritas.com  
www.actusveritas.com  
Integrated Geoscience and Engineering Consulting Solutions. A Collaborative, Multidisciplinary Team of Experienced Geoscientists and Engineers Specializing in the Delivery of Integrated Technical and Economic Evaluations of Petroleum Opportunities.
- Advanced Logic Technology (ALT)**.. 2239  
30 H Route de Niederpallen  
Redange L-8506  
Luxembourg  
Rien Corstanje  
+352 23 649 289  
info@alt.lu  
www.alt.lu  
ALT: WELL LOGGING SYSTEMS, DATA PROCESSING S/W  
• Slimhole geoph. Logging systems  
• HT acoustic probe for geothermal, cased and openhole  
• WellCAD/CoreCAD: log analysis, image proc. & core descr.
- Alaska Division of Geological and Geophysical Surveys**..... 1647  
3354 College Rd.  
Fairbanks, Alaska 99709  
United States  
Marwan Wartes  
+1 907 451 5056  
marwan.wartes@alaska.gov  
http://dggs.alaska.gov/  
The Alaska Division of Geological Surveys (DGGS) generates new, objective, peer reviewed information about the geology of Alaska. The division performs geological and geophysical mapping, generates new geologic data to support energy and mineral exploration, conducts hazard investigations, performs geologic studies on active volcanoes, and archives and disseminates geologic data and reports.
- Alaska Division of Oil and Gas**..... 1649  
550 W. 7th Ave. Ste 1100  
Anchorage, Alaska 99501-3563  
United States  
+1 907 269 8800  
http://dog.dnr.alaska.gov/  
The Division manages over 23 million acres of Alaska's state-owned lands for petroleum exploration and production through leasing, permitting, unitization, royalty accounting, subsurface analysis and petroleum systems studies.
- Allied-Horizontal Wireline Services** 1445  
3200 Wilcrest #170  
Houston, Texas 77042  
United States  
Larry Roach  
+1 713 400 5538  
larry.roach@ahwireline.com  
www.alliedhorizontal.com  
Driven by our dedication to service quality and efficiency, Allied-Horizontal Wireline Services has become the leading independent wireline provider in the US. Our objective is to provide the safest and most effective services in the industry. We aspire to achieve this objective everyday through a rigid focus on providing only the best: People, Process, Equipment and Technology.
- ALS Oil & Gas, Corpro Empirica Logging**..... 2233  
6510 Guhn Rd.  
Houston, Texas 77040  
United States  
Morgan Stallings  
+1 713 466 7400  
morgan.stallings@alsglobal.com  
www.alsglobal.com
- ALSEAMAR**..... 2418  
9 Europarc Saint Victoire  
Meyreuil 13590  
France  
Vianney Rochet  
vrochet@alseamar-alcen.com  
www.alseamar-alcen.com  
ALSEAMAR company operates the SEA EXPLORER underwater glider. This powerful autonomous sensing platform is dedicated to collecting "in-situ" water column data profiles with very large spatio-temporal coverage, for a wide range of physical and bio-chemical parameters. Main Applications include environmental baseline, natural seepage exploration, oil spill and rejected water monitoring.
- American Geosciences Institute (AGI)**..... 1315  
4220 King Street  
Alexandria, Virginia 22302  
United States  
Joseph Lilek  
+1 703 379 2480  
outreach@agiweb.org  
www.americangeosciences.org  
The American Geosciences Institute is a nonprofit federation of geoscientific and professional associations that represents more than 250,000 geologists, geophysicists and other earth scientists.
- Amplified Geochemical Imaging LLC**..... 1232  
210 Executive Drive, Ste. 1  
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### Audiovisual and Other Teaching Aids

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Houston Geological Society	1137

### Basin Studies/Modeling Analysis

Actus Veritas Geosciences	1221
Applied Petroleum Technology	1948
Badley Geoscience	1813
Basin Dynamics, LLC	1320
BEICIP-FRANLAB	1542
Cabral Energy	2321
China University of Petroleum	1220
Columbine Logging	2340
Core Laboratories	1807
CSM Sedimentary Analogs Database and Research Program	1209
Digital Formation, Inc.	2338
Earthmoves, Ltd.	2724
FROGTECH	2245
Geo Applications, Ltd.	1845
Geodynamics Research Group - Geology, Institute Technology of Bandung	1236
GPT	2139
GridWorld	1943
Imperial College London	1916
Institute of Geological and Nuclear Sciences Limited	2723
ION	2133
Lynx Information Systems, Inc.	2738
Ontario Petroleum Institute	2618
PARADIGM	1715
PetroStrat, Inc.	2638
Petrotechnical Data Systems (PDS)	1300
Platte River Associates, Inc.	1217
Polish Geological Institute - National Research Institute (Poland)	2822
RS Energy Group	2213
SGS	1745
U. S. Geological Survey (USGS)	1313
University of Leeds	2014
University of Miami, CSL Center for Carbonate Research	2042
Weatherford	1423
Bits/Downhole Tools/On-site Equipment	
Advanced Logic Technology (ALT)	2239
Rocking Horse Energy Services	1319
SciOptic USA	1903

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Innova Plex, Inc.	1944
Petrotechnical Data Systems (PDS)	1300
ROGII, Inc.	1640

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Innova Plex, Inc.	1944
ROGII, Inc.	1640
The Easy Copy Company	1514
United O&G SMART4D Geosteering	1843

### Computer Hardware for Exploration or Prospect Evaluation

Neuralog	2425
Nikon Instruments, Inc.	2012
Petrosys USA	2017

### Computer Software

Advanced Logic Technology (ALT)	2239
Badley Geoscience	1813
BHL Boresight, Inc. & BHL Consulting, Inc.	1115
Cegal	1806
Digital Formation, Inc.	2338
Digitcore Library, Inc.	1942
FROGTECH	2245
GeoSteering Solutions, Inc.	1513
geoLOGIC systems, Ltd.	1225
Geophysical Insights	1233
GPT	2139
GridWorld	1943
Horizontal Solutions Int'l (HIS)	2538
Hydrocarbon Data Systems, Inc.	2627
Ikon Science, Ltd.	2123
ION	2133
Lynx Information Systems, Inc.	2738
Math2Market GmbH	1318
MJ Systems	1442
Neuralog	2425
Nikon Instruments, Inc.	2012
Petrotechnical Data Systems (PDS)	1300
Perigon Data Solutions	2441
Platte River Associates, Inc.	1217
ROGII, Inc.	1640
Rose & Associates	1418
SeisWare, Inc.	2018
StructureSolver	1914
The Easy Copy Company	1514
United O&G SMART4D Geosteering	1843
ZEISS Microscopy	1517

### Core Analysis/Storage/Coring

Actus Veritas Geosciences	1221
ALS Oil & Gas, Corpro	
Empirica Logging	2233
Applied Petroleum Technology	1948
ASD, Inc. a PANalytical Co.	1304
Basin Dynamics, LLC	1320
British Geological Survey	1347
Bruker Corporation	2001
Cabral Energy	2321
China University of Petroleum	1220
Chinook Consulting Services	1643
Core Laboratories	1807
Core Mineralogy, Inc.	1446
Digitcore Library, Inc.	1942
Fracture Studies, LLC	1849
Fugro	1219
Imperial College London	1916
Ingrain, Inc.	1443
Innova Plex, Inc.	1944
Math2Market GmbH	1318
Nikon Instruments, Inc.	2012
Ontario Petroleum Institute	2618
Paleo-Data, Inc.	1312
Perigon Data Solutions	2441
PetroStrat, Inc.	2638

Polish Geological Institute – National Research Institute (Poland)	2822
Rocking Horse Energy Services	1319
Rockwell Consulting Ltd.	1743
SciOptic USA	1903
SGS	1745
TDI-Brooks International	2419
The Easy Copy Company	1514
University of Leeds	2014
Weatherford	1423

### Data Management

ALS Oil & Gas, Corpro	
Empirica Logging	2233
Applied Petroleum Technology	1948
C&C Reservoirs, Inc.	1612
Cegal	1806
CGG	1622
Core Laboratories	1807
Dynamic Graphics, Inc.	2333
Fugro	1219
Geochemical Solutions International, Inc.	2726
Geoex, Ltd.	2433
geoLOGIC systems, Ltd.	1225
GPT	2139
IHS, Inc.	1833
Lynx Information Systems, Inc.	2738
MJ Systems	1442
Neuralog	2425
Nikon Instruments, Inc.	2012
Ontario Petroleum Institute	2618
PARADIGM	1715
Perigon Data Solutions	2441
Petrolink	1607
Petrosys USA	2017
Polish Geological Institute – National Research Institute (Poland)	2822
ROGII, Inc.	1640
RS Energy Group	2213
USLandGrid	1243

### Data Services

American Geosciences Institute (AGI)	1315
C&C Reservoirs, Inc.	1612
Digitcore Library, Inc.	1942
Dynamic Graphics, Inc.	2333
Geochemical Solutions International, Inc.	2726
geoLOGIC systems, Ltd.	1225
GPT	2139
Lynx Information Systems, Inc.	2738
MicroSeismic, Inc.	1817
MJ Systems	1442
Paleo-Data, Inc.	1312
Perigon Data Solutions	2441
Petrolink	1607
ROGII, Inc.	1640
RS Energy Group	2213
Task Fronterra Geoscience	2244
USLandGrid	1243
Weatherford	1423

### Digitizing/Digital Products and Services

Advanced Logic Technology (ALT)	2239
Core Laboratories	1807
Digitcore Library, Inc.	1942
Earthmoves, Ltd.	2724

Hydrocarbon Data Systems, Inc.	2627
Ingrain, Inc.	1443
Innova Plex, Inc.	1944
Math2Market GmbH	1318
Midland Valley Exploration	1922
MJ Systems	1442
Neuralog	2425
Nikon Instruments, Inc.	2012
Perigon Data Solutions	2441
RS Energy Group	2213
USLandGrid	1243

### Drilling Contracting

Rocking Horse Energy Services	1319
E&P Project Economics and Evaluation	
Actus Veritas Geosciences	1221
C&C Reservoirs, Inc.	1612
Core Laboratories	1807
Earthmoves, Ltd.	2724
IHS, Inc.	1833
Ikon Science, Ltd.	2123
Oxford Instruments	2414
Rose & Associates	1418
RPS Group, PLC	1307
RS Energy Group	2213
Subsurface Consultants & Associates, LLC	2525

### Educational Institution

China University of Petroleum	1220
Colorado School of Mines - Chevron Center of Research Excellence	1206
Colorado School of Mines - Sonnenberg	
MUDTOC and Niobrara Consortia	1208
CSM Sedimentary Analogs Database and Research Program	1209
East Texas Geological Soc (ETGS)	1316
GEM Program, University of Colorado Denver	1543
Geodynamics Research Group - Geology, Institute Technology of Bandung	1236
Grand Canyon, by SRL, Inc.	1140
Houston Geological Society	1137
Louisiana State University	1646
Mackay School of Earth Sciences & Engineering	1408
McMaster University	1204
Polish Geological Institute – National Research Institute (Poland)	2822
Queen's University, Master of Earth & Energy Resources Leadership	1118
RPS Group, PLC	1307
SciOptic USA	1903
University of Tulsa - CESE	1913
University of Aberdeen	2639
University of Leeds	2014
University of Miami, CSL Center for Carbonate Research	2042
University of Oklahoma	1648
West Texas Geological Society	1518
Western State Colorado University	1342

### Engineering Consulting Services

Actus Veritas Geosciences	1221
Chinook Consulting Services	1643
Fugro	1219
Hydrocarbon Data Systems, Inc.	2627
MicroSeismic, Inc.	1817



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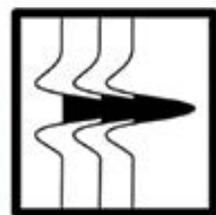
Oxford Instruments .....	2414	University of Miami, CSL Center for Carbonate Research .....	2042	MicroSeismic, Inc. ....	1817	Institute of Geological and Nuclear Sciences Limited .....	2723
RPS Group, PLC .....	1307	Weatherford .....	1423	Midland Valley Exploration .....	1922	Lynx Information Systems, Inc. ....	2738
University of Leeds .....	2014	Wildcat Technologies, LLC .....	2339	Nikon Instruments, Inc. ....	2012	Midland Valley Exploration .....	1922
<b>Environmental/Hydrogeological Services/Studies</b>				PARADIGM .....	1715	Payzone Consulting, Inc. ....	1742
ALSEAMAR .....	2418	<b>Geodetic Management</b>		Petrotechnical Data Systems (PDS) ...	1300	PetroStrat, Inc. ....	2638
Amplified Geochemical Imaging, LLC .	1232	Petrotechnical Data Systems (PDS) ...	1300	PetroStrat, Inc. ....	2638	Petrosys USA .....	2017
ASD, Inc. a PANalytical Co. ....	1304	<b>Geographical Information Systems (GIS)</b>		Petroleum Geo-Services (PGS) .....	1721	Petroleum Geo-Services (PGS) .....	1721
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<b>Field Appraisal</b>		Ontario Petroleum Institute .....	2618	Task Fronterra Geoscience .....	2244	Southwest Research Institute .....	1506
Basin Dynamics, LLC .....	1320	Petrotechnical Data Systems (PDS) ...	1300	United O&G SMART4D Geosteering ...	1843	StructureSolver .....	1914
British Geological Survey .....	1347	Petrosys USA .....	2017	University of Leeds .....	2014	Subsurface Consultants & Associates, LLC .....	2525
C&C Reservoirs, Inc. ....	1612	Polish Geological Institute - National Research Institute (Poland) .....	2822	VgeoTours Inc. ....	1240	Sunburst Consulting .....	2117
Geo-Link Inc. ....	2221	<b>Geologic/Geophysical Workstations</b>		<b>Geological Studies and Consulting</b>		Task Fronterra Geoscience .....	2244
IKON Mining & Exploration .....	2533	GeoSteering Solutions, Inc. ....	1513	Actus Veritas Geosciences .....	1221	TDI-Brooks International .....	2419
Ikon Science, Ltd .....	2123	Hitachi High Technologies America ...	1406	Anson Geophysical .....	1245	Terra Guidance, LLC .....	1343
PetroStrat, Inc. ....	2638	IHS, Inc. ....	1833	ASD Inc., a PANalytical Co. ....	1304	TGS .....	1533
Subsurface Consultants & Associates, LLC .....	2525	Institute of Geological and Nuclear Sciences Limited .....	2723	Badley Ashton America, Inc. ....	2439	The Easy Copy Company .....	1514
<b>Field Instrumentation</b>		MJ Systems .....	1442	Badley Geoscience .....	1813	United O&G SMART4D Geosteering ...	1843
Advanced Logic Technology (ALT) .....	2239	Nikon Instruments, Inc. ....	2012	Basin Dynamics, LLC .....	1320	University of Leeds .....	2014
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Bruker Corporation .....	2001	Rockwell Consulting, Ltd. ....	1743	Actus Veritas Geosciences .....	1221	ASD, Inc. a PANalytical Co. ....	1304
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PyroPhase International, Inc. ....	2204	Badley Geoscience .....	1813	CGG .....	1622	CGG .....	1622
RPS Group, PLC .....	1307	Basin Dynamics, LLC .....	1320	Chinook Consulting Services .....	1643	China University of Petroleum .....	1220
SciOptic USA .....	1903	BEICIP-FRANLAB .....	1542	Columbine Logging .....	2340	Earthmoves, Ltd. ....	2724
Spectro Analytical Instruments .....	2105	BHL Boresight, Inc. & BHL Consulting, Inc. ....	1115	Core Laboratories .....	1807	FEDCON- PRJ, Inc. ....	1907
Terra Guidance, LLC .....	1343	British Geological Survey .....	1347	Core Mineralogy, Inc. ....	1446	FROGTECH .....	2245
Wildcat Technologies, LLC .....	2339	Bureau of Ocean Energy Management (BOEM) .....	1141	Cossey and Associates Inc. ....	2640	Fugro .....	1219
<b>Geochemical Services and Consulting</b>		Cabral Energy .....	2321	CSM Sedimentary Analogs Database and Research Program .....	1209	Geo Applications, Ltd. ....	1845
ALSEAMAR .....	2418	Cegal .....	1806	Earthmoves, Ltd. ....	2724	Geochemical Solutions International, Inc. ....	2726
Amplified Geochemical Imaging, LLC .	1232	Chinook Consulting Services .....	1643	Fracture Studies, LLC .....	1849	Geophysical Insights .....	1233
Applied Petroleum Technology .....	1948	Columbine Logging .....	2340	FROGTECH .....	2245	GETECH .....	1616
British Geological Survey .....	1347	CSM Sedimentary Analogs Database and Research Program .....	1209	Fugro .....	1219	GETECH .....	1616
Cabral Energy .....	2321	Dynamic Graphics, Inc. ....	2333	Geo Applications, Ltd. ....	1845	GridWorld .....	1943
Cabral Energy .....	2321	Earthmoves, Ltd. ....	2724	Geo-Link, Inc. ....	2221	Hitachi High Technologies America ...	1406
CGG .....	1622	Fracture Studies, LLC .....	1849	GeoSteering Solutions, Inc. ....	1513	IHS, Inc. ....	1833
Chinook Consulting Services .....	1643	FROGTECH .....	2245	Geochemical Solutions International, Inc. ....	2726	Ikon Science, Ltd. ....	2123
Core Laboratories .....	1807	Geo Applications, Ltd. ....	1845	Geodynamics Research Group - Geology, Institute Technology of Bandung .....	1236	Imperial College London .....	1916
Crown Geochemistry, Inc. ....	2325	Geodynamics Research Group - Geology, Institute Technology of Bandung .....	1236	GeoEdges, Inc. ....	2626	Institute of Geological and Nuclear Sciences Limited .....	2723
Exploration Technologies, Inc. ....	2309	GPT .....	2139	Geoex, Ltd. ....	2433	ION .....	2133
Fugro .....	1219	GridWorld .....	1943	GETECH .....	1616	PARADIGM .....	1715
Geochemical Insight .....	2625	IHS, Inc. ....	1833	GridWorld .....	1943	Petrotechnical Data Systems (PDS) ...	1300
Geochemical Solutions International, Inc. ....	2726	Ikon Science, Ltd. ....	2123	Horizon Well Logging/An Excellence Logging Company .....	1918	Petroleum Geo-Services (PGS) .....	1721
GeoFrontiers .....	1448	Imperial College London .....	1916	Horizontal Solutions Int'l (HIS) .....	2538	Polarcus .....	1317
Horizon Well Logging/An Excellence Logging Company .....	1918	Institute of Geological and Nuclear Sciences Limited .....	2723	Hydrocarbon Data Systems, Inc. ....	2627	Raptor Consulting, Inc. ....	2104
Rockwell Consulting, Ltd. ....	1743	Ontario Petroleum Institute .....	2618	IHS, Inc. ....	1833	SeisWare Inc. ....	2018
SGS .....	1745			IKON Mining & Exploration .....	2533	Subsurface Consultants & Associates, LLC .....	2525
Sunburst Consulting .....	2117			Ikon Science, Ltd .....	2123	TGS .....	1533
TDI-Brooks International, Inc. ....	2419					The Easy Copy Company .....	1514
Terra Guidance, LLC .....	1343						



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Chinook Consulting Services	1643
Core Laboratories	1807
Dynamic Graphics Inc.	2333
ESG Solutions	1617
Ikon Science, Ltd	2123
MicroSeismic, Inc.	1817
Occidental Petroleum	1901
PARADIGM	1715
Petroleum Geo-Services (PGS)	1721
PyroPhase International, Inc.	2204
RS Energy Group	2213
SGS	1745
United O&G SMART4D Geosteering	1843
Weatherford	1423
Wildcat Technologies, LLC	2339

### Satellite Image Processing/ Digitizing and Interpretation

ASD, Inc. a PANalytical Co.	1304
CGG	1622
Geodynamics Research Group - Geology, Institute Technology of Bandung	1236

### Scientific or Professional Association

American Geosciences Institute (AGI)	1315
GCAGS	2246
Geological Society of Houston	1143
International Association of Geophysical Contractors (IAGC)	1515
Oxford Instruments	2414
Seismological Society of America	2438

### Seismic Computer Processing

Petroleum Geo-Services (PGS)	1721
Seitel Inc.	2633

### Seismic Data Acquisition

CGG	1622
ESG Solutions	1617
Geox, Ltd.	2433
Imperial College London	1916
ION	2133
Petroleum Geo-Services (PGS)	1721
Polarcus	1317
Seitel, Inc.	2633
TGS	1533

### Seismic Data Broker

Geox, Ltd.	2433
TGS	1533

### Seismic Equipment or Instrumentation

ESG Solutions	1617
ION	2133

### Seismic Interpretation and Consulting

Actus Veritas Geosciences	1221
Badley Geoscience	1813
Basin Dynamics, LLC	1320
BEICIP-FRANLAB	1542
CGG	1622
CSM Sedimentary Analogs Database and Research Program	1209
Fugro	1219

Geo Applications, Ltd.	1845
Geodynamics Research Group - Geology, Institute Technology of Bandung	1236
Geox, Ltd.	2433
Geophysical Insights	1233
GridWorld	1943
IHS, Inc.	1833
Imperial College London	1916
Institute of Geological and Nuclear Sciences Limited	2723
ION	2133
Petrotechnical Data Systems (PDS)	1300
Petroleum Geo-Services (PGS)	1721
Polarcus	1317
Polish Geological Institute - National Research Institute (Poland)	2822
Southwest Research Institute	1506
Subsurface Consultants & Associates, LLC	2525
TGS	1533
The Easy Copy Company	1514

### Thin Sectioning

ALS Oil & Gas, Corpro	
Empirica Logging	2233
Core Mineralogy, Inc.	1446
Innova Plex, Inc.	1944
Institute of Geological and Nuclear Sciences Limited	2723
Perigon Data Solutions	2441
PetroStrat, Inc.	2638
Rockwell Consulting, Ltd.	1743
SciOptic USA	1903
SGS	1745
The Easy Copy Company	1514

### Training Courses and Services

Advanced Logic Technology (ALT)	2239
American Geosciences Institute (AGI)	1315
Applied Petroleum Technology	1948
ASD, Inc. a PANalytical Co.	1304
Badley Ashton America, Inc.	2439
Badley Geoscience	1813
Basin Dynamics, LLC	1320
BHL Boresight, Inc. & BHL Consulting, Inc.	1115
China University of Petroleum	1220
Cossey and Associates, Inc.	2640
CSM Sedimentary Analogs Database and Research Program	1209
Digital Formation, Inc.	2338
Digitcore Library, Inc.	1942
East Texas Geological Soc (ETGS)	1316
Exploration Technologies, Inc.	2309
Geophysical Insights	1233
GETECH	1616
Houston Geological Society	1137
IHS, Inc.	1833
Ikon Science Ltd	2123
Midland Valley Exploration	1922
Oxford Instruments	2414
PetroStrat, Inc.	2638
Platte River Associates, Inc.	1217
RPS Group PLC	1307
Southwest Research Institute	1506

Subsurface Consultants & Associates, LLC	2525
Terra Guidance, LLC	1343
University of Aberdeen	2639
University of Miami, CSL Center for Carbonate Research	2042
University of Tulsa - CESE	1913
Western State Colorado University	1342

### Upstream E&P A&D

ALS Oil & Gas, Corpro Empirica Logging	2233
Cabral Energy	2321
East Texas Geological Soc (ETGS)	1316
Envoi Limited	2832
Imperial College London	1916
Lynx Information Systems, Inc.	2738
Subsurface Consultants & Associates, LLC	2525
The Easy Copy Company	1514

### Well Chemical Services

SciOptic USA	1903
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### Well Completion Services

Allied-Horizontal Wireline Services	1445
ALS Oil & Gas, Corpro	
Empirica Logging	2233

### Well Log Analysis

Allied-Horizontal Wireline Services	1445
ALS Oil & Gas, Corpro	
Empirica Logging	2233
Anson Geophysical	1245
Block Engineering	2306
Cabral Energy	2321
China University of Petroleum	1220
Chinook Consulting Services	1643
Columbine Logging	2340
Core Laboratories	1807
Digital Formation, Inc.	2338
Fracture Studies LLC	1849
Geodynamics Research Group - Geology, Institute Technology of Bandung	1236
Horizon Well Logging/ An Excellence Logging Company	1918
Hydrocarbon Data Systems Inc.	2627
iBall Instruments, LLC	1409
Imperial College London	1916
Institute of Geological and Nuclear Sciences Limited	2723
Neuralog	2425
Ontario Petroleum Institute	2618
PARADIGM	1715
Payzone Consulting, Inc.	1742
Petrotechnical Data Systems (PDS)	1300
Perigon Data Solutions	2441
PetroStrat, Inc.	2638
Raptor Consulting, Inc.	2104
The Easy Copy Company	1514
Tricon Geophysics	2623
United O&G SMART4D Geosteering	1843
Weatherford	1423

### Well Logging

Advanced Logic Technology (ALT)	2239
ALS Oil & Gas, Corpro Empirica Logging	2233

Anson Geophysical	1245
Block Engineering	2306
Columbine Logging	2340
Geo-Link, Inc.	2221
geoLOGIC systems, Ltd.	1225
Horizon Well Logging/ An Excellence Logging Company	1918
iBall Instruments, LLC	1409
Mid Continent Well Logging, Inc.	2519
Payzone Consulting, Inc.	1742
Raptor Consulting, Inc.	2104
ROGII, Inc.	1640
SciOptic USA	1903
Selman & Associates, Ltd.	1618
Sunburst Consulting	2117
Terra Guidance, LLC	1343
TGS	1533
Weatherford	1423

### Well Testing

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Spectro Analytical Instruments	2105

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