

ACE 101: Bridging Fundamentals and Innovation

AAPG
20-23 May 2018 • Salt Lake City, Utah
ACE 2018
ANNUAL CONVENTION & EXHIBITION

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PROGRAM BOOK

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DIAMOND



Registration, Student & Faculty Lounge,
PROWESS Short Course,
Student Participation in AAPG/SEPM Short Courses and Field Trips,
Unconscious Bias Luncheon



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

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Aisle Signage, Program Book



Student Presentation Awards, Technical Program Notepads,
AAPG Student Chapter YouTube Competition, Student Participation in
Field Trips and Short Courses, Young Professionals Reception

TITANIUM



Conference Proceedings Digital Library,
Poster Presentations



Directional Signage



Smartphone/Mobile App



Wi-Fi Hot Spot, Student Volunteers,
Student Participation in Field Trips and Short Courses,
PROWESS Short Course



Technical Program & Registration Announcement



AAPG PROWESS/DEG/SEG Networking Reception,
Outstanding Student Chapter Awards,
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Poster Presentations,
Digital Technical Session Signage

PLATINUM



Audio Visual



General Fund



Digital Technical Session Signage



Refreshment Break Sponsorship,
End-of-Day Reception Bars,
AAPG Twitter Tweet



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



Badge Lanyards,
Petroleum Structure &
Geomechanics Division (PSGD)



SEPM Student Support,
General Fund



Audio Visual



Exhibit Attendee Bags

GOLD



General Fund



Earth Science Educator Program, Michel T. Halbouty Lecture Series

SILVER



Core Display



Crescent Point

Core Display



End-of-Day Reception Bar, Luggage Check, Career Center, Student Assistance



Rocky Mountain Section - A Night at the Natural History Museum of Utah



Unconscious Bias Luncheon, Student Participation in Field Trips and Short Courses



Exhibition Food Court



Rocky Mountain Section - A Night at the Natural History Museum of Utah



Core Display

BRONZE



General Fund



Unconscious Bias Luncheon



Unconscious Bias Luncheon



AAPG/SEPM Student Chapter Field Trips and Short Courses, General Fund



General Fund



AAPG LinkedIn Post

Gretchen Gillis & Dave Cook



General Fund



Career Center



Unconscious Bias Luncheon



General Fund



General Fund



Career Center



General Fund



General Fund



Unconscious Bias Luncheon



Unconscious Bias Luncheon

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Student Participation in AAPG/SEPM Short Courses and Field Trips



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WELCOME LETTER FROM THE GENERAL CHAIR

Dear AAPG Members and ACE 2018 Attendees,

On behalf of the American Association of Petroleum Geologists (AAPG), its divisions, the Society for Sedimentary Geology (SEPM), and our host, the Utah Geological Association (UGA), it is my pleasure to welcome you to the 101st Annual Convention and Exhibition (ACE)—ACE 101: Bridging Fundamentals and Innovation.

In 2017, at the beginning of this process, AAPG told the volunteer committee that the success of the meeting hinges entirely on the quality of the technical program... talk about pressure! Well, I am very happy to say, I think this year's program is one of the best (and no, I am not biased), and we hope you agree. If you see Technical Program Chair Lauren Birgenheier or any of the other technical program committee members wandering the halls, please stop and thank them for their tireless efforts. In fact, nearly 300 people contributed in some way to help bring this program together. With more than 400 oral presentations and 600 posters, your hardest job will be deciding what to see and what you will inevitably miss. Moreover, don't forget all the specially planned invited sessions: The Business of Oil and Gas, Machine Learning "Unsession", The Future Energy Geoscientist, Super Basins, and of course the very popular Discovery Thinking Forum and the Halbouty Lecture.

We also tried to include a few new elements at ACE this year, some small—instead of a physical trinket for a speaker gift, AAPG is donating \$7,500 to The Nature Conservancy's Great Salt Lake Shorelands Preserve (to be presented at the All-Convention Luncheon), and some big—a timely luncheon to learn about Unconscious Bias in the workplace (on Wednesday, tickets are still available). The Exhibition Hall



will also be a convention highlight—spend your breaks visiting the more than 200 companies, nonprofits, and universities. As you explore the floor, hopefully with a locally brewed beverage in hand, keep an eye out for the massive core display, the Utah dinosaur exhibit, and the Turbinator rocket car, the world's fastest wheeled vehicle.

Spring in Utah is truly a wonderful time of year. If you were lucky enough to get a coveted spot on one of the many field trips (nearly all trips sold out!), you are in for a real geologic treat. If you were not able to secure your spot on a trip,

no worries, days are long in the spring (sunset at about 8:30 pm) and there are plenty of opportunities for hiking and sightseeing close to downtown Salt Lake City. If you need to unwind after a long day of technical sessions, try an easy hike up City Creek Canyon, or climb to the top of Ensign Peak for an unparalleled view of the city and the majestic mountains to the east and west.

I think for most, attending ACE is about two main goals: 1) continuing our geologic education, and 2) connecting with friends and colleagues. And what better place to do this than Salt Lake City.

Welcome to ACE 101!

Michael Vanden Berg
General Chair

STRENGTH IN EXPERIENCE

STRENGTH IN FINANCIALS

\$32 B

STRENGTH IN PEOPLE

3,900
EMPLOYEES

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1 MM

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2027

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IDEAS

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NATURAL RESOURCES



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2018 LEADERSHIP

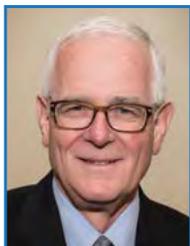
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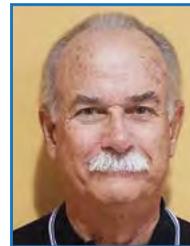
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GENERAL INFORMATION

ACE Service Center – Presenters, Judges, and Student Volunteers

Location: 150 A/B/C
Times: Sunday.....10:00 a.m.–6:30 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.

Check-in and assistance for presenters, judges, and student volunteers can be found at the ACE Service Center.

- Oral presenters should visit the Service Center the day prior to their presentation to upload their slides and ensure they appear correctly. Technical support will be available.
- Student volunteers who signed up during the registration process should check in at the Service Center at least fifteen minutes before their scheduled shift begins.
- Judges for both oral and poster sessions can visit the Service Center at any time to pick up scorecards for their assigned sessions. If you haven't yet signed up to judge, it's not too late – we are always looking for more judges! Stop by the Service Center to choose your session.

Code of Conduct

The American Association of Petroleum Geologists Annual Convention and Exhibition (ACE) is conducted for the benefit of its members and interested parties to advance the science of geology, promote technology, and facilitate networking and collaboration between professionals within the world's geosciences community.

AAPG values the participation of its members and guests and wants all ACE attendees to have an enjoyable and fulfilling experience. Accordingly, AAPG is dedicated to providing a harassment-free convention experience for everyone, regardless of gender, sexual orientation, disability, physical appearance, body size, race, or religion. We do not tolerate harassment of convention participants in any form. All attendees are expected to show respect and courtesy to other attendees throughout the convention and at all convention events, whether officially sponsored by AAPG or not.

If a participant engages in behavior that violates this code of conduct, AAPG reserves the right to take any action deemed appropriate, including warning the offender(s) or expelling the offender(s) from the convention with no refund.

AAPG's complete ACE anti-harassment policy can be found at ace.aapg.org/2018.

If you have any questions or concerns please notify a badged AAPG Show Management staff member or call 1 800 898 2274.

Business Center

Days and Hours: Friday.....9:00 a.m.–5:00 p.m.
Saturday.....8:00 a.m.–5:00 p.m.
Sunday.....8:00 a.m.–5:00 p.m.
Monday.....7:30 a.m.–5:00 p.m.
Tuesday.....7:30 a.m.–5:00 p.m.
Wednesday.....7:30 a.m.–5:00 p.m.
Location: North End of the Upper Concourse

The Business Center is an on-site, full service print, copy and shipping center located inside the convention center. For more information, contact the Business Center at +1 385 468 2228 or businesscenter@saltpalace.com.

Wi-Fi Hot Spot

Location: Exhibit Hall E, Booth #401

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

Luggage Check

Location: South Foyer at Main Registration
Day: Wednesday
Hours: 7:30 a.m.–5:30 p.m.

A luggage check is available at a cost of \$3.00 per item checked.

Lost and Found

Location: South Foyer at Main Registration

Items found during the convention should be turned in to 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 Salt Palace Convention Center.

Buses

A connecting service to many of the TRAX and FrontRunner stations, Buses allow you to get almost anywhere in the Greater Salt Lake Area. Bus routes can be found across the Salt Lake Valley, Ogden, Utah County and up to Brigham City. Fare prices start at \$1.25 for a one-way pass and \$6.25 for day passes. Get complete route, schedule, and fare details for Salt Lake's transportation buses at rideuta.com.

TRAX

Gain access to Downtown from across the valley on three color-coded lines. Downtown Salt Lake provides a great transfer point as all the lines run through downtown.

- The Green line begins at the Salt Lake International Airport, runs through downtown Salt Lake, and then out to West Valley City. At the airport, riders can board at the station and Welcome Center just outside Terminal One. Fare is \$2.50 and trains run every 15 minutes. Weekday service runs from 5:30 a.m. to 11:30 p.m., with a more limited schedule on weekends.
- The Red line provides service from the University of Utah, through downtown, South to 6400 South and then west to the Daybreak community.
- The Blue line begins in downtown at the transfer station and runs south through the valley to Draper. For full schedule and fare rates visit: Utah Transit Authority. (rideuta.com)

FrontRunner

FrontRunner trains provide transportation access from Ogden to Provo, with limited stops along the way. Weekday service starts as early as 4:30 a.m., with the last stop just after midnight. Saturday service begins at 6:00 a.m. with the last stop just after 2:00 a.m. There is no Sunday service. One-way base fare prices start at \$1.25.

Convention Center Parking

The Salt Palace Convention Center offers two convenient underground garages that are open seven days a week:

- South Lot – Enter off of 200 South between West Temple and 200 West (600 stalls). Open 24 hours Monday-Friday at a flat rate of \$14 per day.
- West Lot – Enter off of 300 West between 100 South and South Temple (400 stalls). Open 24 hours Monday-Friday at a flat rate of \$12 per day.

In addition to parking on-site at the Salt Palace, downtown Salt Lake City has over 30,000 parking spaces available.

Visit www.parkingslc.com/index.php for more information on parking options

Security and Emergencies

Report any security or emergency issues to one of the following:

- Security Personnel located at the Exhibit Hall Entrance
- AAPG Show Management at Main Registration in South Lobby
- Kendra McColloch, AAPG Meeting Planner at +1 918 284 5451

Badge Reminder

Badges must be worn at all times while attending the convention inside the Salt Palace Convention Center and the Hilton Salt Lake City Center.

Hotel Listing

Hilton Salt Lake City Center (AAPG Headquarters)

255 S W Temple, Salt Lake City, UT 84101
+1 801 328 2000

Marriott Downtown at City Creek (SEPM Headquarters)

75 S W Temple, Salt Lake City, UT 84101
+ 1 801 531 0800

SCHEDULE AT A GLANCE Download the AAPG EVENTS App for the latest updates

All events take place at the Salt Palace Convention Center unless otherwise noted.

Friday

9:00 a.m.–6:00 p.m. Satellite Registration
(Hilton Salt Lake City Center)
1:00 p.m.–5:00 p.m. Main Registration

Saturday

8:00 a.m.–5:00 p.m. Main Registration
8:00 a.m.–6:00 p.m. Satellite Registration
(Hilton Salt Lake City Center)
8:30 a.m.–4:30 p.m. Earth Science Educator Program
6:30 p.m.–9:00 p.m. AAPG PROWESS/DEG/SEG
Women's Networking Reception: Diversify Your
Geoscience Network (Hilton Salt Lake City Center)

Sunday

8:00 a.m.–6:00 p.m. Satellite Registration
(Hilton Salt Lake City Center)
8:00 a.m.–7:00 p.m. Main Registration
11:55 a.m.–2:40 p.m. History of Petroleum Geology
2:00 p.m.–3:00 p.m. Young Professionals Meet & Greet
3:00 p.m.–3:30 p.m. AAPG/AAPG Foundation Imperial Barrel Award
(IBA) Ceremony
4:00 p.m.–5:00 p.m. Opening Session and Awards Ceremony
5:00 p.m.–7:30 p.m. Exhibition and Icebreaker Reception
5:00 p.m.–7:30 p.m. International Pavilion
5:00 p.m.–7:30 p.m. Core Like Never Before!

Monday

7:00 a.m.–1:00 p.m. Satellite Registration
(Hilton Salt Lake City Center)
7:00 a.m.–5:30 p.m. Main Registration
8:00 a.m.–11:30 a.m. Super Basins Forum
8:00 a.m.–3:00 p.m. Guest Hospitality Suite
(Hilton Salt Lake City Center)
8:30 a.m.–12:30 p.m. Guest Tour: See the Main Sights of Salt Lake,
Including the Lake!
8:00 a.m.–11:50 a.m. Oral Sessions
8:30 a.m.–5:00 p.m. Career Center
9:00 a.m.–5:00 p.m. Poster Sessions
9:00 a.m.–6:00 p.m. Exhibition
9:00 a.m.–6:00 p.m. Core Like Never Before!
9:00 a.m.–6:00 p.m. International Pavilion
9:00 a.m.–6:00 p.m. Student and Faculty Lounge
9:15 a.m.–10:15 a.m. Refreshment Break
9:30 a.m.–5:00 p.m. Guest Tour: "Alps of Utah" Snowbird
Spa Day
11:30 a.m.–1:15 p.m. All-Convention Luncheon
1:15 p.m.–5:05 p.m. Oral Sessions
1:15 p.m.–5:05 p.m. Discovery Thinking Forum
2:30 p.m.–3:30 p.m. Refreshment Break
4:00 p.m.–6:00 p.m. Student Career Seminar
(Hilton Salt Lake City Center)
5:00 p.m.–6:00 p.m. End-of-Day Reception
5:10 p.m.–6:00 p.m. Michel T. Halbouty Lecture
5:30 p.m.–7:30 p.m. All-Alumni Reception
(Hilton Salt Lake City Center)
6:00 p.m.–8:00 p.m. AAPG/SEPM Student Reception
(Hilton Salt Lake City Center)
7:00 p.m.–10:00 p.m. SEPM Research Group
Meetings and Reception
(Marriott Downtown at City Creek)

Tuesday

7:30 a.m.–5:30 p.m. Main Registration
8:00 a.m.–11:50 a.m. SEPM Research Symposium
8:00 a.m.–3:00 p.m. Guest Hospitality Suite
(Hilton Salt Lake City Center)
8:00 a.m.–11:50 a.m. Oral Sessions
9:00 a.m.–12:00 p.m. Guest Tour: Red Butte Garden
9:00 a.m.–4:00 p.m. Guest Tour: Heber Valley Historic Railroad,
Provo Canyon Excursion
9:00 a.m.–5:00 p.m. Poster Sessions
9:00 a.m.–6:00 p.m. Exhibition
9:00 a.m.–6:00 p.m. Core Like Never Before!
9:00 a.m.–6:00 p.m. International Pavilion
9:00 a.m.–6:00 p.m. Student and Faculty Lounge
8:30 a.m.–5:00 p.m. Career Center
9:15 a.m.–10:15 a.m. Refreshment Break
10:05 a.m.–11:50 a.m. The Business of Oil and Gas:
The Many Pathways to Success
11:30 a.m.–1:00 p.m. DPA Luncheon
12:00 p.m.–1:00 p.m. SEPM Business Meeting Luncheon
1:15 p.m.–5:05 p.m. SEPM Research Symposium
1:15 p.m.–5:05 p.m. The Business of Oil and Gas: The Many
Pathways to Success (continued)
1:15 p.m.–5:05 p.m. Oral Sessions
2:30 p.m.–3:30 p.m. Refreshment Break
3:20 p.m.–5:05 p.m. Special Executive Forum:
Great Innovation Leaders
5:00 p.m.–6:00 p.m. End-of-Day Reception
6:30 p.m.–10:00 p.m. Social Activity: Rocky Mountain Section–
A Night at the Natural History Museum
of Utah
7:00 p.m.–9:00 p.m. SEPM President's Reception
and Awards Ceremony
(Marriott Downtown at City Creek)

Wednesday

7:30 a.m.–1:00 p.m. Main Registration
8:00 a.m.–11:50 a.m. DPA Special Forum: The Future Energy
Geoscientist
8:00 a.m.–12:00 p.m. Guest Hospitality Suite
(Hilton Salt Lake City Center)
8:00 a.m.–11:50 a.m. Oral Sessions
8:30 a.m.–2:00 p.m. Career Center
9:00 a.m.–11:00 a.m. Guest Tour: See the Main Sights of
Salt Lake City!
9:00 a.m.–2:00 p.m. Poster Sessions
9:00 a.m.–2:00 p.m. Exhibition
9:00 a.m.–2:00 p.m. Core Like Never Before!
9:00 a.m.–2:00 p.m. International Pavilion
9:00 a.m.–2:00 p.m. Student and Faculty Lounge
9:15 a.m.–10:15 a.m. Refreshment Break
11:30 a.m.–1:00 p.m. Unconscious Bias Luncheon
11:30 a.m.–1:00 p.m. EMD/DEG Luncheon
1:15 p.m.–5:05 p.m. Oral Sessions
1:15 p.m.–5:05 p.m. Machine Learning "Unsession"

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.



HIGHLIGHTS

- History of Petroleum Geology
- AAPG/AAPG Foundation
Imperial Barrel Award (IBA) Ceremony
- Opening Session and Awards Ceremony
- Super Basins Forum
- Discovery Thinking Forum
- Michel T. Halbouty Lecture
- SEPM Research Symposium
- The Business of Oil and Gas:
The Many Pathways to Success
- Special Executive Forum:
Great Innovation Leaders
- DPA Special Forum:
The Future Energy Geoscientist
- Machine Learning “Unsession”

HIGHLIGHTS

History of Petroleum Geology (AAPG)

Day: Sunday
Time: 11:55 a.m. – 2:40 p.m.
Location: Ballroom A
Fee: Included with registration
Co-Chairs: D. Peyerl and M. Silverman

The History of Petroleum Geology Committee will again hold its annual forum in a special session of high-quality papers. Subjects from three continents are included, with topics that range from the roots of our key geologic concepts, through the development of exploration, modeling, and drilling technologies.

Drielli Peyerl will lead us off with a review of the revolution in the use of seismic in Brazil in the mid-Twentieth Century. She'll be followed by Mary Barrett, speaking on historic natural gas losses in the U.S.

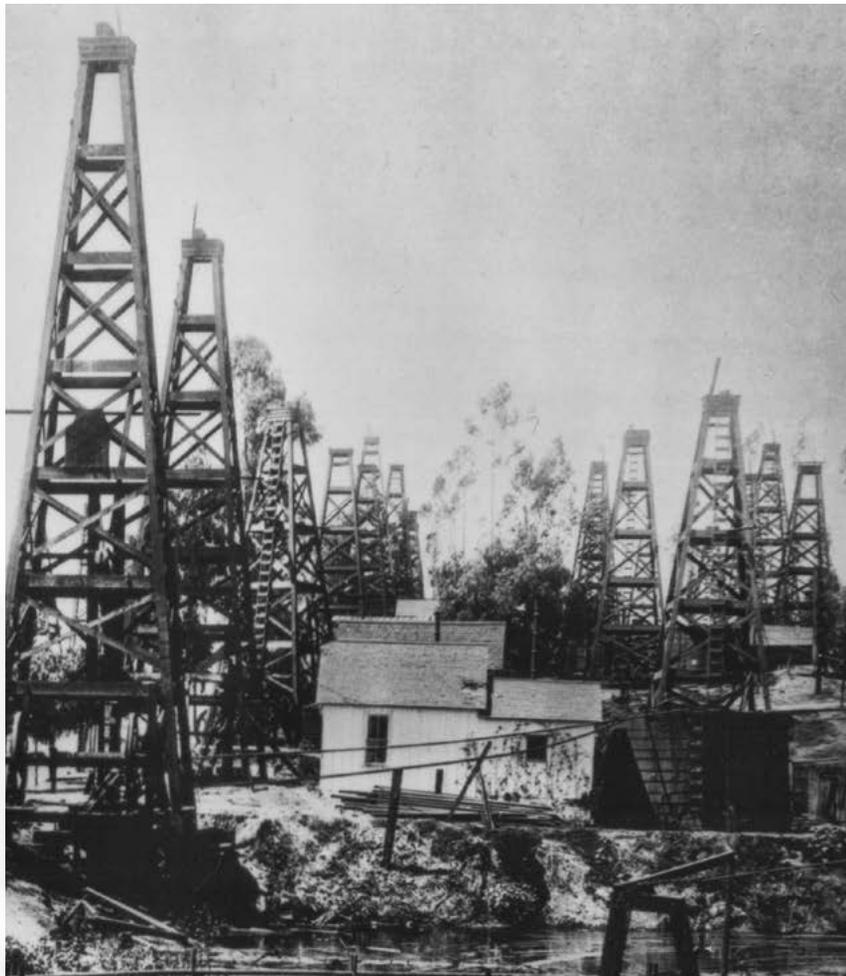
Jeff Spencer will offer a look at the earliest over-water drilling in America. Next up, Matt Silverman will introduce us to America's most famous petroleum geologist, John T. Scopes, that you didn't know was one of us.

Rasoul Sorkhabi's paper will chronicle the early ideas about source rock. Then, William Meddaugh will offer a history of reservoir modeling.

Mike Simmons will present his review of the origins of sequence stratigraphy. Finally, Mu Liu will take us to China for his insights into the discovery of the giant Daqing field.

This promises to be a memorable session, with plenty of time for questions and discussion.

The purpose of the History of Petroleum Geology 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 moved history forward



AAPG/AAPG Foundation Imperial Barrel Award (IBA) Ceremony

Day: Sunday
Time: 3:00 p.m. – 3:30 p.m.
Location: Ballroom G/H/I/J
Fee: Included with registration

Join the excitement and 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 great way to start your ACE 2018 experience, as the awards presentation will take place just prior to the convention's Opening Session and Awards Ceremony. 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 Salt Lake City with the title of IBA champion. Visit 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: Ballroom G/H/I/J
Fee: Included with registration

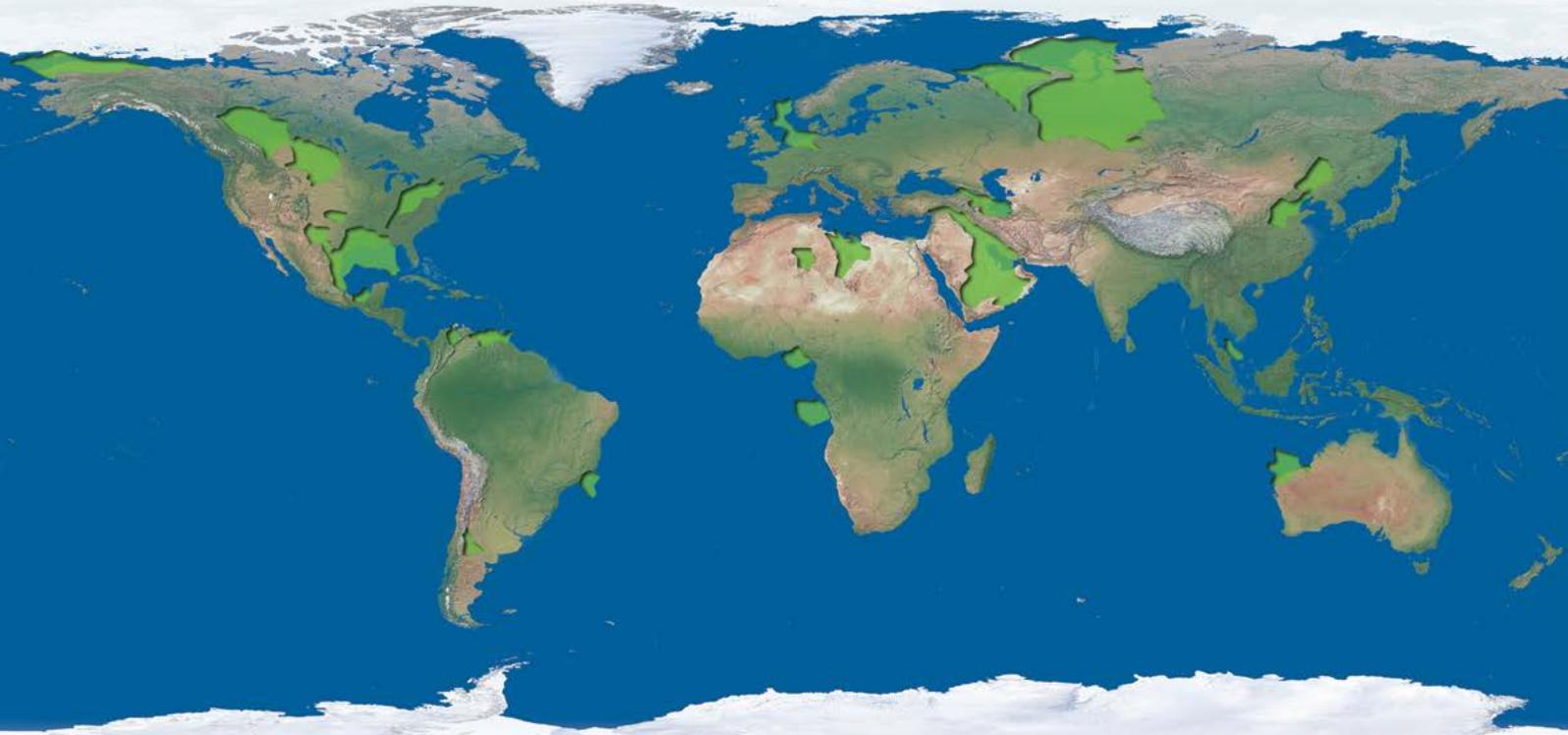
One of the grand traditions of the AAPG Annual Convention and Exhibition, the Opening Session and Awards Ceremony is a highlight of every ACE. This year, General Chair Michael Vanden Berg opens the meeting with a positive forward-looking message for both new and experienced energy geoscientists. Mr. Vanden Berg is the head of the Energy and Minerals Program at the Utah Geological Survey and a powerful advocate for AAPG in the region. Following Mr. Vanden Berg, AAPG President Charles Sternbach will deliver his address to the membership, honoring both AAPG and the awardees for their numerous accomplishments in 2017-18.

AAPG's annual awards ceremony recognizes the leaders who shaped the organization, industry, and future of energy. This fast-moving, colorful event will showcase the best of AAPG and recognize lifetimes spent benefiting others.

HIGHLIGHTS

Super Basins Forum

Day: Monday
Time: 8:00 a.m.–11:30 a.m.
Location: Room 151 A/B/C/G
Fee: Included with registration
Chair: C. Sternbach



The Super Basins Forum will be the inaugural presentation of a new focus for high-impact energy-related forums for AAPG. AAPG is pleased to introduce this Forum at ACE in Salt Lake City, Utah with four very notable presentations relevant to the conference theme, “ACE 101 – Bridging Fundamentals and Innovation.” For the 101st year of AAPG, the focus is a new initiative for AAPG’s Second Century. The vision is that this forum will become a recurring theme and that follow-up papers will be preserved online and in AAPG publications.

These presentations will also show how geoscience matters and how rocks tell the story. We want to frame the world’s most petroliferous basins with an understanding of the boundary and layer conditions. This includes the richness, distribution, maturity, and position in the stratigraphic column of the source rocks. It also includes an appreciation of the reservoirs, seals, and structural configuration.

Super basins are shifting attention away from frontier exploration toward established mature basins as a key source for tomorrow’s oil and gas supplies. Super basins are defined as established producers with at least 5 billion BOE produced and 5 billion BOE remaining recoverable, two or more petroleum systems or source rocks, stacked reservoirs, existing infrastructure/oil field services and access to markets (IHS Markit). Horizontal drilling and multi-staged horizontal fracturing are driving the onshore super basin renaissance with Permian, Gulf of Mexico, and Middle East basins as prototype oil- and gas-prone super basins.

Energy is where you find it. We are seeing an energy renaissance in what were formerly thought of as “mature” basins, using new technology and a Total Petroleum Systems approach. Peak oil is a concept defined by a population of energy accumulations known, detectable, and producible at a particular time and place. When there are “multiple” peaks to a basin historical hydrocarbon production graph, it means that we were not fully grasping the true potential of basins with new technology. We will focus on the technology transfer and best-practice sharing of new technologies that can be applied in various basins.

Topics Include:

- What makes your super basin special and unique, and what can we learn from it?
- What are the critical geoscience elements that contribute to success?
- What is the exploration/production history, and what are the major plays with remaining potential – conventional, unconventional, and field growth?
- What are key innovations in your super basin (e.g. adoption of horizontal drilling, hydraulic stimulation, completing and drilling techniques, and seismic imaging) that helped unlock the potential? What is needed to grow it further?
- How do “aboveground” issues like politics, access, mineral ownership, and geography influence realizing the full resource potential of your super basin?
- Will the basin be a regional or global disrupter?

Speakers:

- **Basin Strategies – Supers, Mini, and More:** Pete Stark, Bob Fryklund, IHS Markit
- **How Super Basins and Shale Plays May Evolve:** Scott Tinker, Bureau of Economic Geology
- **A Tale of Two Superbasins: Comparing Basin Geometry and Petroleum Systems in the Northern Gulf of Mexico and the West Texas (Permian) Basins:** Thomas Ewing, Frontera Exploration Consultants
- **Basins and Petroleum Systems of the Middle East:** Sa’id Al Hajri, Saudi Aramco

HIGHLIGHTS

Discovery Thinking Forum – Awakening Sleeping Giants

Day: Monday
Time: 1:15 p.m. – 5:05 p.m.
Location: Room 151 A/B/C/G
Fee: Included with registration
Co-Chairs: C. Sternbach and P. Weimer

The “Discovery Thinking” Forum will be the twentieth presentation 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. We are pleased to announce this Forum will continue at the Salt Lake City, Utah ACE with four very notable discovery presentations.

Each speaker and their colleagues overcame significant business, technical, and professional challenges. Topics to be discussed will include philosophy of exploration, stories from remarkable careers, professional insights, colorful anecdotes, and lessons learned on the path to success. As technology advances and younger geoscientists enter our profession, the organizers see continued interest in forums such as these. These forums provide a venue for explorers to discuss the personal side of success and what has been called the “art of exploration.” As always, the audience is fortunate to hear the speakers share abundant technical data and insights derived from costly and hard-won experience.

AAPG offers many technical sessions. “Discovery Thinking” forums fill an important gap in how technical and professional skills combine to turn prospects into discoveries. Speakers are encouraged to share personal stories about discoveries they know well, to bring forward appropriate technical data, and to address questions from the audience. As a resource

to fellow explorers, many previous Discovery Thinking presentations can be found on the AAPG Search and Discovery website, under the Special Collection tab.

This year, AAPG is pleased to present “Awakening Sleeping Giants.” Salt Lake City is a center of innovation and well-positioned to feature significant exploration discoveries of the western hemisphere.

- Unlocking the Secrets of Zama – The Discovery of a Giant Oil Field in the Shallow Waters of the Sureste Basin, Mexico: **John Parker**, Michael Albertson, and David Kosmitis, Talos Energy LLC
- Brazilian Pre-Salt Province – History of Success and a Promising Future: **Marcos Francisco Bueno de Moraes**, Lemuel de Paula, and João Alexandre Gil, Petrobras S.A. – Exploration
- Nanushuk Formation Discoveries Confirm World-Class Exploration Potential in a Newly Proven Stratigraphic Play, Alaska North Slope: **Paul L. Decker**, Alaska Department of Natural Resources, Division of Oil and Gas
- Case Study of a Large Conventional Oil Pool Discovery in a Mature Basin – The Upper Mannville of the Western Canada Sedimentary Basin: **Rob Pinckston**, Altura Energy



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HIGHLIGHTS

Michel T. Halbouty Lecture: The Discovery of the Pikka Field on the North Slope of Alaska

Day: Monday
Time: 5:10 p.m.–6:00 p.m.
Location: Room 151 A/B/C/G
Fee: Included with registration
Speaker: **William D. Armstrong**, President, Armstrong Oil & Gas



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.

This year's Michel T. Halbouty Lecture speaker is Bill Armstrong, owner and founder of Armstrong Oil & Gas and Armstrong Energy. He will discuss the discovery of the Pikka Field on the North Slope of Alaska. In 1982, Michel T. Halbouty authored the AAPG Memoir "The Deliberate Search for the Subtle Trap." Thirty-five years later a new chapter could be added to this Memoir describing the search and discovery of the Pikka field on the North Slope of Alaska. The North Slope is one of the world's great petroleum provinces where multiple

mature source rocks have generated and expelled in excess of 1.5 trillion barrels of oil. It is home to the largest field in the U.S., the 13 billion barrel Prudhoe Bay Field, plus an additional twenty-four fields in excess of 100 mmbo. Despite these many successes, the North Slope is lightly explored. One of the primary reasons for this is the lack of easily identifiable four way structures to drill. In 2010, Armstrong Energy and its partner Repsol took a page out of Halbouty's memoir and deliberately began the search for subtle stratigraphic traps on the North Slope. Through these efforts they discovered a field that is "old school" in almost every respect. Although still being delineated, the Pikka field is believed by many to be one of the largest fields ever found in the U.S. and represents what many experts said would never be found again: a multi-billion barrel onshore, shallow, conventional oil field. Pikka is a subtle, stratigraphic trap that is difficult to image; it opens up a new play in an old producing province with lots of running room. Pikka is revitalizing a petroleum province thought to be well past its prime.

Bill founded Armstrong Oil & Gas, Inc., a privately held oil and gas exploration company headquartered in Denver, Colorado, in 1985 from the attic of his 100-year-old garage/barn.

Bill graduated in 1982 from Southern Methodist University (SMU). He left SMU with a B.S. degree in geology, a Phi Beta Kappa key, and a wife that he met in Geology 101. He and his wife, Liz, are active in numerous business ventures, investments, and philanthropies. In 2004, they founded Epoch Estate Wines, an ultra-premium vineyard/winery operation located west of Paso Robles, California. Bill currently serves on the Boards for Tourmaline Oil Corp. (Calgary) and Southern Methodist University. He is a former Board Member of the Denver Art Museum and is a Trustee Emeritus of Colorado Ballet.

After spending time doing what one-man companies are "supposed to do" – chasing small boring deals in Kansas, the DJ, the Permian, and other independent-friendly regions – Bill shifted the focus of Armstrong Oil & Gas, Inc. (AOG) to internally generating, assembling, and drilling large company impact exploration opportunities. By seeking out top geologic and geophysical talent and pursuing big potential "wildcats," Bill has created a unique business model in the energy sector that has been very successful for AOG and the companies with whom they have worked and partnered.

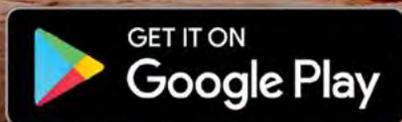
Over the last 15 years, AOG has been involved in the discovery of over a dozen new fields with ultimate recoveries in excess of five billion barrels while having one of the lowest F&D costs in the industry. AOG's recent areas of activity are the North Slope of Alaska, the Cook Inlet, the Gulf of Mexico, the San Joaquin Valley, the Williston basin, the Michigan basin, and the Wyoming/Utah Overthrust Belt.

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SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems – From Rivers to Lakes and Oceans

Day: Tuesday
Times: 8:00 a.m.–11:50 a.m. & 1:15 p.m.–5:05 p.m.
Location: Ballroom A
Co-Chairs: A. Owen (morning); E. Jones and B. Romans (afternoon)



The SEPM Research Symposium focuses on records of sediment transfer, with particular attention to stratigraphic perspectives on sediment production, bypass, and storage. Studies may highlight allogenic versus autogenic signals, and the influence of long-term sediment extraction and preservation along source to sink networks in different tectonic settings, climate regimes, etc. Sessions will also explore the petroleum implications of such research, including reservoir and source rock characterization and prediction. The all-day oral sessions will be on Tuesday and a poster session is scheduled for Wednesday – see page 79 for poster information.

Morning Session:

- **Hinterland Screening: The First Step Toward a Fully Integrated Source-to-Sink Understanding:** G. Nicoll, J. Wilson, F. Kohlmann
- **Signal Propagation From the Himalayan-Sourced Ganges-Brahmaputra Rivers to the Deep-Sea Bengal Fan From Detrital Zircons:** M. Blum, K. Rogers, J. Gleason, Y. Najman
- **Evaluating the Effects of First-order Climatic State and Climate Transitions on Sediment Dynamics Using Detrital Zircons in the Amazon Source-to-Sink System:** C. C. Mason, B. W. Romans, A. Fildani, D. F. Stockli, T. Gerber
- **Deciphering Tectonic Influence on Sediment Routing System Configuration via Large-n U-Pb Detrital Zircon Geochronology, Cretaceous Magallanes-Austral Basin, Chile and Argentina:** B. G. Daniels, S. Hubbard, B. W. Romans, W. A. Matthews
- **Stirring the Detrital Pot: Intrabasinal Sediment Recycling and Mixing Revealed Through Strontium Isotopes, Cretaceous Magallanes Basin, Chile:** N. C. Auchter, B. W. Romans, B. G. Daniels, S. Hubbard
- **Balancing Sediment Budgets in Deep Time and the Nature of the Stratigraphic Record:** J. P. Bhattacharya, A. D. Miall
- **The Shelf Revisited: Critical Interface on Continental Margins and in Source-to-Sink Systems:** O. J. Martinsen
- **Morphodynamics and Stratigraphic Architecture of Shelf-edge Deltas Subject to Constant vs. Dynamic Environmental Forcings:** K. Straub
- **What Conditions Are Required for Deltas to Reach the Shelf Edge During Rising Sea Level?:** J. Zhang, R. Steel, C. Olariu

Afternoon Session:

- **Improving Paleohydrologic Source-to-Sink Estimates by Merging Big Data and the Fulcrum Approach:** N. Wilson, J. Holbrook
- **Implication of River Hydrological Regime and Precipitation on Source to Sink Analyses:** P. Plink-Bjorklund, E. Jones*, M. Hansford
- **Accommodation and Supply Driven Sequences: Insights From Stratigraphic Forward Modeling:** J. Zhang, P. Burgess, D. Granjeon, R. Steel
- **Source-to-Sink Sediment Routing and Environmental Signal Propagation in an Uplifted Foreland Basin, Lower Cretaceous Alberta Basin, Canada:** W. A. Matthews, S. Hubbard, B. G. Daniels, G. Quinn, B. Guest
- **Locating Reservoir Rock in Powder River Basin Using Sediment Mass Conservation:** K. L. Hoppes, B. McElroy
- **Chronostratigraphic and Paleoenvironmental Re-evaluation of Wilcox/Carrizo Outcrops, Bastrop County, Texas: Implications for Sediment Bypass to Shelf Edge Delta and Deepwater Plays:** C. Denison, T. D. Demchuk, J. M. O'Keefe
- **Eocene – Lower Miocene Reservoir Facies Presence and Source-to-Sink Seismic Evidence, East Mexican Perdido Fold Belt:** R. Torres, G. Murillo-Muneton, J. Mendez
- **Depositional and Geomorphic Characteristics of Ocean Basins at Different Stages of Their Evolution – The Wilson Cycle Revisited:** P. T. Harris, M. Macmillan-Lawler
- **Deep-Water Fan Sedimentation on Mars: An Example From the Murray Formation at Pahrump Hills Locality, Gale Crater:** E. Heydari, F. J. Calef III, J. F. Schroeder, J. Van Beek, S. Rowland, A. G. Fairen, T. J. Parker

The Business of Oil and Gas: The Many Pathways to Success

Day: Tuesday
Times: 10:10 a.m.–11:50 a.m. & 1:15 p.m.–5:05 p.m.
Location: Ballroom D
Fee: Included with registration
Co-Chairs: R. Fritz and S. Nash

The goal of this session is to examine the convergence of geology and business strategy and review strategies that have yielded success in times of rapid technological change and uncertainty.

- **Capital Markets: Private Equity, Venture Capital, Transformational Finance:** Steven Ilkay, Angle Capital
- **Being Realistic About Risk:** Bill Haskett, Haskett Consulting
- **Growth Through Strategic Acquisitions: How Geology Matters:** Joe Dumesnil, Overland Oil and Gas
- **The Small Company Environment – Business Strategies That Work:** Shane Matson, Jericho Oil and Gas
- **How Surface Information Can Be a Company-Maker: Examples:** Deborah Humphreville, DigitalGlobe
- **Managing Valuations in Changing Times: Reserves, Planning, PUDs, and More:** Daniel Guzman, Ryder Scott
- **Building From Scratch: One Geologist's Story of Starting a New Company in Partnership With Private Equity:** Donald G. Burdick, Olifant Energy
- **Tuning Businesses With Innovation: The Story of a Novel Viscosifier for High Temperature Drilling:** Ashok Santra, Saudi Aramco
- **Updates and Changes to PRMS:** Attila Szabo, Sproule
- **Making Investment Decisions to Achieve Energy Dominance – The DOE's Approach:** Alan Cohen, U.S. Department of Energy
- **The Small / Medium-Sized Operator: Geology and Agile Decision-Making:** Steve Tedesco, Running Foxes Petroleum
- **Progress and Outlook for the Department of Energy's Office of Oil and Natural Gas Midstream and Methane Hydrate R&D Activities:** Timothy Reinhardt, U.S. Department of Energy
- **Becoming a Registered Professional Geologist and Making Mineral Remoteness Opinions: Another Way for Consulting Geologists to Make a Living:** Scott Hector, Hobby Energy

HIGHLIGHTS

Special Executive Forum: Great Innovation Leaders

Day: Tuesday
Time: 3:20 p.m.–5:05 p.m.
Location: Room 151 A/B/C/G
Fee: Included with registration
Co-Chairs: C. Sternbach, H. Pettingill, and N. Shumaker

Innovation creates a desired future by transforming what is possible into what is valuable.

This forum will feature well-known industry leaders, each of which was the driving force behind the creation of enormous value, while at the same time turning yesterday's dreams into today's realities. Each achieved this in their own unique way, yet they all share several common attributes and behaviors that were central to their achieving great value through innovation.

Many of us tend to equate innovation with invention, or with those amongst us who have discovered oil and gas where those before did not. However, long-term value in our industry is not simply a result of successful drilling - it usually relies on underlying technologies, capabilities, and other underlying factors. Nor are invention and creativity alone sufficient to create value – there is much more to the story. During this forum and the stories of these leaders, we will observe five genres of innovative behaviors that produce extraordinary outcomes: Invention, Process Innovation, Collaboration Innovation, Relationship Innovation, and Boundary-Hopping.

This session will be moderated by the session chairs, who will also provide a brief introduction and context to value creation through innovation in Upstream E&P. We have selected featured speakers based on the criteria that their contributions to industry have produced significant, measurable, and enduring long-term value to our industry. They will represent a diverse array of industry functions and types of innovations. Each will share their stories with the audience and then participate in a brief question-and-answer period.

Featured Panelists:

Sidney (Sid) Green, Founder and President of Enhanced Production, Inc., and Research Professor, University of Utah; former founder, Chairman and CEO of TerraTek, Inc.

History-making Innovation storyline: Pioneered laboratory geomechanics testing including rock properties measurements and full-scale drilling under deep reservoir conditions; Utah Entrepreneur of the year and member National Academy of Engineering

Allen Gilmer, Co-Founder and Executive Chairman, Drillinginfo

History-making Innovation storyline: Allowing tens of thousands of geoscientists and users to analyze big data, integrate drilling, production, and well information to arrive at faster solutions in already happening workflows

Tom Smith, President and CEO of GeolInsights; former founder, CEO and president of Seismic Micro-Technologies

History-making Innovation storyline: The democratization of workstations and how it led to a revolution in integrated geoscience interpretation

DPA Special Forum: The Future Energy Geoscientist

Day: Wednesday
Time: 8:00 a.m.–11:50 a.m.
Location: Room 151 A/B/C/G
Fee: Included with registration
Moderators: L. Birgenheier and L. Billingsley

The Salt Lake City ACE will mark the second consecutive AAPG Annual Convention to which will provide a forum specifically geared to young professionals (YPs) and students. The recent downturn has reduced employment opportunities for YPs in our industry and also the availability of experienced mentors. In addition, the rise of the shale plays is creating the need for new skills for geoscientists, particularly in the areas of multidisciplinary integration and digital literacy. From the classroom to the wellsite to the workstation, the skill development process must meet the changing needs of the marketplace. This forum devoted to The Future Energy Geoscientist will bring together some of our industry's leading authorities from a broad spectrum of backgrounds on what it takes to compete in today's E&P workforce, and what it will take to train the workforce of tomorrow.

Topics will include: What types of opportunities and career paths are available to current and future energy geoscientists? What digital skills will be essential to the future energy geoscientist's career? Can industry and academia dialog be improved to better prepare students? Should courses such as GIS, petrophysics, geomechanics, and economics become part of mainstream geoscience degree programs?

Panelists:

- **Andrea Reynolds**, Technical Manager, Shell Appalachia Asset
- **Andrée Griffin**, North American Vice President, XTO
- **Daniel D. Domeracki**, Vice President, Government and Industry Relations, Schlumberger
- **Lesli Wood**, Professor and Weimer Distinguished Chair, Colorado School of Mines
- **Rick Fritz**, Chief Executive Officer, Council Oak Resources
- **Richard Ball**, Vice President of Geology, Detring Energy Advisors

Special Session Committee: Chandler Wilhelm, Vice President Portfolio and Emerging Basin, Shell; Stephanie Nwoko, Senior GeoModeler, Premier Oilfield Group; and Tim Rynott, Chief Executive Officer, Ridge Resources

HIGHLIGHTS

Machine Learning “Unsession”

Day: Wednesday
Time: 1:15 p.m.–5:05 p.m.
Location: Room 251 B/C
Fee: Included with registration
Co-Chairs: M. Hall, B. Hall, and Y. Zaretskiy

The Machine Learning “Unsession” is a new kind of session for AAPG. Instead of scheduled presentations, we invite you to participate in an interactive, dynamic conversation. More than just talk, we will be generating tangible output – and we need your help!

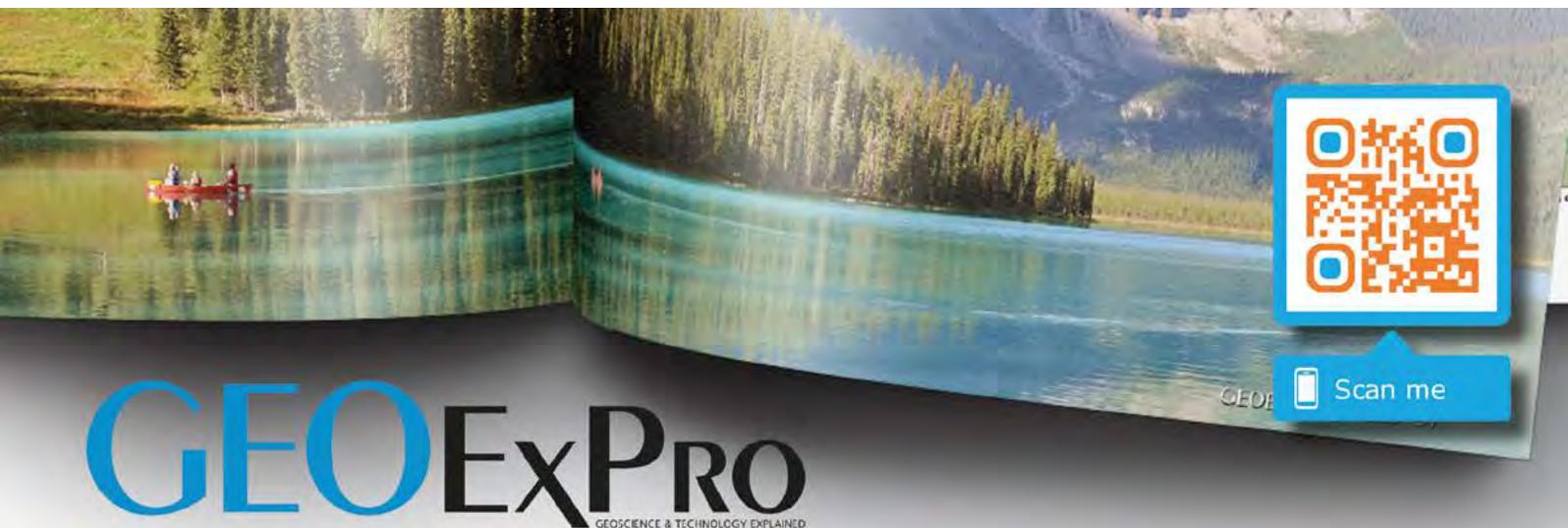
Using a semi-structured facilitated meeting format, we’ll be exploring some key questions in quantitative and computational petroleum geology. Among them:

- What is the state of the art in machine learning for geoscience?
- Who are the active researchers, and where are they working?
- What sort of problems are they attacking, and with what tools?
- How can we flatten the speed bumps in this research?
- What are the big problems and debates that analytics can shed new light on?
- What data or conditions do we need to attack these questions?
- Which datasets exist already, and which still need to be collected?
- What, if any, are the fundamental differences between machine learning in the geosciences compared to other fields?

We will capture the outcomes of these questions, creating the documentation as we go. At the end of the session, we expect to be able to generate the following deliverables:

- An open list of recent achievements in geoscience machine learning.
- An open list of researchers and research groups working in the field.
- A list of open-source tools the research community is using.
- Documentation of machine-learning-ready open datasets in geoscience.
- A ranked list of the most pressing geoscience questions in machine learning.
- A collection of ideas and sketches for attacking some of these questions.

Whether you’re new to machine learning and artificial intelligence, or have been working on these topics for years, we welcome you to this exciting event.



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NETWORKING AND EVENTS

- Luncheons
- Networking Opportunities
- Alumni Activities
- Career Center
- Students
- Young Professionals
- SEPM Annual Meeting
- Social Activity
- Guest Program
- Earth Science Educator Program
- Exhibition Highlights
- International Pavilion
- Core Like Never Before!
- Field Trips
- Short Courses

LUNCHEONS

All-Convention Luncheon: The Permian Basin – A View From a Local Independent

Day: Monday
Time: 11:30 a.m.–1:15 p.m.
Location: Ballroom G/H/I/J
Fee: \$60
Speaker: **Travis D. Stice** – Chief Executive Officer and Director, Diamondback Energy



Diamondback Energy (NASDAQ:FANG) went public in October 2012. Diamondback's strategy has always been to acquire and develop the best rock in the best basin, a relentless focus on execution with low-cost operations, and to maintain financial and operational flexibility. Diamondback's growth over the last five years has been a result of this strategy. Diamondback Energy strives to be the most attractive place to work for both experienced industry talent as well as the next generation of young professionals by offering the opportunities, challenges, and tools to achieve personal and company success.

Mr. Stice has served as our Chief Executive Officer since January 2012 and a director of Diamondback since November 2012. Prior to his current position, he served as our President and Chief Operating Officer from April 2011 to January 2012. Mr. Stice has more than 32 years of industry experience in production operations, reservoir engineering, production engineering, and unconventional oil and gas exploration, and more than 24 years of management experience. He started his career with Mobil Oil in 1985. He then held a series of positions with increasing responsibilities at Burlington Resources until it was acquired by ConocoPhillips in March 2006. Before joining Diamondback, he served as a Vice President of Laredo Petroleum Holdings, Inc., from September 2008 to September 2010. Mr. Stice graduated from Texas A&M University with a Bachelor of Science in Petroleum Engineering and serves on the Industry Advisory Board of the Petroleum Engineering department at Texas A&M. Mr. Stice is a registered engineer in Texas and a 30-year member of the Society of Petroleum Engineers. He also serves on the board of the Permian Basin Petroleum Association and is on the Board of Trustees at Manor Park Retirement Center in Midland.

Division of Professional Affairs (DPA) Luncheon: Global Natural Gas Markets – Their Rapid Expansion and the Implications to the Western United States

Day: Tuesday
Time: 11:30 a.m.–1:00 p.m.
Location: Ballroom J
Fee: \$55
Speaker: **Tim Rynott**, Owner/Operator, Ridge Resources LLC



Five years ago, the U.S. overtook Russia as the number-one gas producer in the world, and now U.S. operators are setting their sights on becoming the top natural gas exporter. After only seven years, the U.S. is shipping almost 7 BCFD internationally, quickly becoming the third largest exporter on the planet. Due to the vast resources and the steadily rising global demand for natural gas, the U.S. is currently developing 14–16 BCFD of additional export capacity (LNG and pipelines). However the intricacies of global competition and politics have large implications on which nations will be the most competitive. The fate of many U.S. operators will hinge on takeaway capacity and netback charges. For instance, while pipeline bottlenecks vex some parts the country (e.g. Marcellus), the Rockies are methodically gaining traction. The Southern Rockies (50-100 TCFe of recoverable reserves) have direct pipeline access to the Mexican high demand center, and the Central and Northern Rockies (100-130 TCFe of recoverable reserves) are keenly anticipating the proposed SW Oregon LNG facility. From the west coast perspective, the netback implications of bypassing the Panama Canal have very high strategic advantages.

While other gas basins grab national headlines, notable smart money is quietly moving west. Early in the next decade, natural gas supply/demand re-balancing will result in revitalized profit margins and job creation; and by mid-decade, crude oil's prodigious 2004–2014 Bull Run could look like a distant memory.

SEPM Business Meeting Luncheon: Geoconservation – Preserving Classic Outcrops, Resources, and Accessibility



Day: Tuesday
Time: 12:00 p.m.–1:00 p.m.
Location: Ballroom I
Fee: \$50
Speaker: **Marjorie A. Chan**, Professor, Department of Geology and Geophysics, University of Utah



Sedimentary geologists are privileged to work in some of the most remarkable and remote areas on Earth, and now remotely on distant planets, too. As a profession, we must care for important outcrops and resources so they can continue to enlighten and educate Earth scientists well into the future. Rocks archive valuable information, but outcrops can be damaged and access to these can be lost by a few thoughtless actions. The consequences of unauthorized access, and the impact of rock hammers, painted section numbers, drill plug holes, and cumulative evidence of visits on classic sites has serious consequences. The geologic community must act responsibly by getting proper permits where required, conserving and protecting classic localities, and respecting land use rules.

In a case of the “missing marbles,” more than 30,000 golf-ball sized iron oxide concretions were illegally removed from a national monument to sell for profit. Sedimentary expertise supported a Bureau of Land Management (BLM) effort to prosecute the criminals and propose ways to restore the evidence, and save the marbles for educational purposes.

Looking into the future and taking lessons from what we’re learning by working on Mars, we can increase knowledge of some important sites through virtual reality and unmanned aerial vehicles that can capture data and different perspectives in high resolution images, without damaging outcrops. Technology combined with conservation and sampling ethics can help sustain geologic treasures across multiple scales, ages, and terrains.

Energy Minerals Division (EMD) and Division of Environmental Geosciences (DEG) Luncheon: Oil Shale – From Yesterday to Today, From Eastern Europe to Eastern Utah

Day: Wednesday
Time: 11:30 a.m.–1:00 p.m.
Location: Ballroom J
Fee: \$55
Speaker: **Rikki Hrenko-Browning**, Chief Executive Officer, Enefit American Oil



The old joke about oil shale – “It’s the energy source of the future ... and it always will be” – is woefully out-of-date. The reality is that oil shale is used daily to produce power and liquid fuels in countries around the world, including Brazil, Estonia, China, and soon Jordan. Estonia, for example, has spent decades perfecting the production of energy from this sedimentary, kerogen-rich rock. The national power company, Enefit, is the world leader in using oil shale to produce electricity, steam heat, and liquid fuels. Estonia’s oil shale has played a pivotal role in the country’s history, providing domestic energy security and supporting the nation’s transition to, and continued independence from, Soviet occupation. Its U.S. subsidiary, Enefit American Oil (EAO), acquired one of Utah’s, and America’s, most-promising oil shale properties in 2011, and has been working to develop the site since. In this talk, Rikki Hrenko-Browning, CEO of EAO, will share experiences about working for the company in Estonia, Jordan, and Utah, along

with perspectives on oil shale history and on environmental issues, permitting and developing a project designed to eventually meet one-third of Utah’s liquid fuels demand.

Unconscious Bias Luncheon

Day: Wednesday
Time: 11:30 a.m.–1:00 p.m.
Location: Ballroom I
Fee: \$45 - Professional, \$30 - Academic & Government, \$15 - Students
Speaker: **Carlee Beth Hawkins**, Researcher and Director of Training, Project Implicit, Harvard and Assistant Professor of Psychology, University of Illinois-Springfield



Data show that, no matter our background and training, we all display unconscious bias, i.e. attitudes or stereotypes that affect our understanding, actions, and decisions in an unconscious manner. Understand the role of unconscious bias in the workplace and the challenges it poses to developing a workforce that is diverse in creative thought and background. Learn the steps each of us can take to uncover and minimize the effects of unconscious bias in the workplace. Take advantage of this rare opportunity to learn more about the cutting edge science from leaders in this field. Then, bring it back to your desk and your meeting rooms.

Dr. Carlee Beth Hawkins is a Researcher and Director of Training with Project Implicit out of Harvard University. She is also an Assistant Professor of Psychology at the University of Illinois Springfield. Her research concerns debiasing motivations and strategies, and their consequences for identification, judgment, and behavior. In May 2013, she received her Ph.D. in social psychology at the University of Virginia under the advisement of Brian Nosek and Sophie Trawalter. She then spent two years as a post-doctoral researcher and lab manager in the Center for Decision Research at the University of Chicago Booth School of Business.

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.



NETWORKING OPPORTUNITIES

AAPG PROWESS/DEG/SEG

Women's Networking Reception: Diversify Your Geoscience Network!

Day: Saturday
Time: 6:30 p.m.–9:00 p.m.
Location: Hilton Salt Lake City Center, Canyon Room B/C
Fee: No charge with advance registration, \$10 at the door
Includes: Hors d'oeuvres, beer and wine cash bar

Professional Women in Earth Sciences (PROWESS) and the Division of Environmental Geosciences (DEG) invite you to a networking reception sponsored by Schlumberger and inspired by the women and men who have encouraged diversity in the geosciences. This year's guest speaker is Dr. Christine L. Williams, Professor of Sociology, from the University of Texas at Austin. Williams is an award-winning scholar and lecturer whose most recent work analyzes gender inequality and diversity culture within the oil and gas industry. Schlumberger is a proud sponsor for PROWESS events and diversity as it is an important part of their culture philosophy and a business imperative.

Icebreaker Reception

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

ACE 101 opens the Exhibition in style with drinks and hors d'oeuvres. Connect with your colleagues and form new business relationships while 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: Exhibit Halls C/D/E
Fee: Included with registration

Explore the latest products/services and learn best practices to help deliver results for your business. Grab a coffee or tea and 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: Exhibit Halls C/D/E
Fee: Included with registration

Cap off your day in the Exhibit Hall by relaxing with a drink and appetizer. Meet with suppliers, vendors, and service providers from more than 40 countries representing world-class petroleum E&P companies looking to provide you with the newest innovation and emerging technologies.

All-Alumni Reception

Day: Monday
Time: 5:30 p.m.–7:30 p.m.
Location: Hilton Salt Lake City Center, Canyon Room B
Fee: Included with registration

Participating colleges and universities:

- Kansas State University
- Missouri University of Science & Technology
- Rice University
- San Diego State University
- Stephen F. Austin State University
- University of Arkansas
- University of Cincinnati
- University of Colorado
- University of Tulsa

Private Alumni Receptions

Day: Monday
Time: 5:30 p.m.–7:30 p.m.
Location: Hilton Salt Lake City Center unless otherwise noted

- Colorado School of Mines, Salt Palace Convention Center, **Room 255 B**
- Mackey School of Earth Sciences and Engineering, University of Nevada-Reno, **Topaz Room**
- Stanford University, **Salon 2**
- Texas A&M University, **Salt Palace Convention Center, Room 255 E**
- University of Iowa-Department of Earth and Environmental Sciences, **Salt Palace Convention Center, Room 255 A**
- University of Kansas, **Canyon Room A**
- University of Michigan Earth and Environmental Sciences, **Suite 326**
- University of Oklahoma, Salt Palace Convention Center, **Room 255 D**
- University of Utah, Salt Palace Convention Center, **Room 255 C**
- University of Wisconsin-Madison, Department of Geoscience, **Salt Palace Convention Center, Room 255 F**
- West Virginia University, **Salon 3**

Private Alumni Functions

All events held at the Hilton Salt Lake City Center unless otherwise noted.

- **The University of Texas at Austin Jackson School of Geosciences**
Monday, 6:00 p.m.–8:00 p.m. | P.F. Chang's | 174 W. 300 S.
- **University of Nebraska-Lincoln**
Tuesday, 5:30 p.m.–7:30 p.m. | Topaz Room

Career Center – Open to All Job Seekers

Days & 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 251 A

The Career Center in Salt Lake City is an AAPG benefit for both employers and job seekers. The room is accessible to the public and convention registration is not required to utilize this service. We also have a private interview room 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 assistant 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 – Post jobs on our bulletin board and contact us to reserve a table to meet with job seekers or share promotional material about your company. Those with paid postings to our online Career Center have access to our online résumé database as well. 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.

Sunrise Yoga at ACE

Days: Monday–Wednesday
Time: 6:00 a.m.–6:45 a.m.
Location: Hilton Salt Lake City Center, Salon III
Fee: Included with registration

AAPG is creating an inviting environment that embraces the diversity of geoscience by offering Sunrise Yoga classes. Start your day off with a clear mind and physical energy to prepare for the upcoming day. All abilities and ages are welcome to attend. If you don't have a yoga mat, grab a towel from your room and enjoy the benefits of intentional movement with breath.

Coming Soon:

A Photo Contest to **EXPLORE**

Enter to Win the First Ever EXPLORER Cover
Photo Contest – Have Your Image Featured



Your photo could be the next
cover of EXPLORER.

Register for
EXPLORER Digital
and save 10%
on all ACE Bookstore
purchases.

Keep reading your monthly EXPLORER and
check online at **EXPLORER.aapg.org** for
ongoing announcements on this contest!

AAPG **EXPLORER**

STUDENTS

Student and Faculty Lounge

Days: Monday–Wednesday
Time: Exhibition Hours
Location: Exhibit Hall C, Booth 1719
Fee: Included with registration

Students and faculty are encouraged to come and enjoy refreshments during open exhibition hours hosted by Chevron who has been a loyal and generous sponsor for nearly a decade. This lounge offers students and faculty alike an opportunity 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 Salt Lake City Center, Alpine Ballroom
Fee: \$10

This workshop, hosted by the AAPG Student Expo Committee, is designed to assist students in their employment search endeavors within the petroleum and environmental industries by introducing them to the activities of the 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, made up from industry managers and technical professionals, followed by a series of 30-minute facilitated round-table discussions where students are encouraged to ask questions and converse with the discussion leaders. The discussion leaders will rotate among the tables periodically, 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 Salt Lake City Center, Grand Ballroom
Fee: Included with registration

All students and faculty attending the convention are invited to the AAPG/SEPM Student Reception sponsored by ExxonMobil. The reception will begin with a brief introduction by an ExxonMobil representative followed by the top three poster authors receiving their awards sponsored by Shell. The Jim Hartman Service to Students Award will be presented to AAPG member(s) who contributed exceptional service to AAPG's student programs. The awards program will continue with the presentation of the Schlumberger sponsored Outstanding Student Chapter awards, the Shell sponsored Student Chapter YouTube Video competition and recognition of the top Imperial Barrel Award teams. Enjoy hors d'oeuvres and refreshments while mingling with your peers after the presentation.

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. Team winning IBA Region and Section competitions qualify for an opportunity to compete in the international finals during ACE. Sponsoring company representative are allowed to watch the team presentation. For more information, please go to iba.aapg.org/sponsorship or contact a Programs Coordinator at 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: East Registration, Near East Entrance
Fee: Included with registration

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 to 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 exhibit 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.



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Sponsoring Organizations:



Endorsing Organizations:



SEPM President's Reception and Awards Ceremony

Day: Tuesday
Time: 7:00 p.m.–9:00 p.m.
Location: Marriott Downtown at City Creek, Salon D
Fee: Included with registration



SEPM President Maria Mutti invites you to an evening of celebration to honor the 2018 award winners of SEPM – Society for Sedimentary Geology. This is a great event at which 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 Don Lowe. SEPM Honorary Membership, given for both scientific contributions and service to the society, will be awarded to Charlie Kerans. The other science award recipients are Peter Harris, who will receive the Francis P. Shepard Medal in recognition of excellence in marine geology; William Ausich, the Raymond C. Moore Medal in recognition of excellence in paleontology; Pete Decelles, the Pettijohn Medal for excellence in sedimentology & stratigraphy; Sara Pruss, the Wilson Award for excellence in sedimentary geology by an early career geoscientist, and SEPM's newest medal – the William Dickinson Medal – for mid-career impact on sedimentary geology going to Brian Horton.

SEPM will 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 2018 Annual Meeting, where cash prizes will be presented to the top student presenters from the SEPM Student Awards Poster Session scheduled for Monday in Salt Lake City, sponsored by Nexen. As always, SEPM will recognize the members of the 2018 Annual Meeting Organizing Committee, without whom the meeting could not take place, and SEPM Foundation Student Grant recipients. The reception will begin at 7:00 p.m., with cocktails available at cash bars and substantial hors d'oeuvres. The awards ceremony will start at 7:30 p.m.

SEPM Research Group Meetings and Reception

Day: Monday
Time: 7:00 p.m.–10:00 p.m.
Location: Marriott Downtown at City Creek, various rooms
Fee: Included with registration

The Society for Sedimentary Geology (SEPM) would like to invite anyone who is interested in research group activities to attend the SEPM Research Group Meetings. Individual Research Groups will meet on Monday, 21 May. Specific locations will be announced at a later date. Check the SEPM website for updates at www.sepm.org.

SEPM Field Trips and Short Courses

Be sure to check out the great array of trips and courses available for this meeting. Students should especially 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 36–39.

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 Howard Harper (hharper@sepm.org) at SEPM headquarters.

SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems – From Rivers to Lakes and Oceans

See page 17 for symposium information.

SEPM Business Meeting Luncheon: Geoconservation: Preserving Classic Outcrops, Resources, and Accessibility

See page 22 for luncheon information.

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SOCIAL ACTIVITY



***SOLD OUT* A Night at the Natural History Museum of Utah – Hosted by the AAPG Rocky Mountain Section**

Sponsored by: Sinclair Oil and Helis Oil & Gas

Day: Tuesday **Includes:** Food, beverages, music, transportation to and from the museum, and private access to all museum galleries
Time: 6:30 p.m.–10:00 p.m.
Fee: \$50

Join us for a private party at this extraordinary museum. The night will include food and beverages, music by the local folk band Otter Creek, and private access to all museum galleries. The annual Rocky Mountain Section awards will be presented during the event.

The 163,000 square foot Natural History Museum of Utah, clad in 42,000 square feet of copper, occupies a prominent place at the edge of Salt Lake City and the University of Utah. Its systematic collections in the fields of earth sciences, biology, and anthropology rank among the largest and most comprehensive in the western United States.

While emphasizing the Great Basin and Colorado Plateau, they also include material from throughout the world. Experience the dinosaurs of Past Worlds and Utah's rich archaeology in First Peoples, walk through dramatic geology in Land, enjoy stunning views from Great Salt Lake and Sky, discover diversity in Life, and explore the stories of Utah's American Indian peoples in Native Voices.

GUEST PROGRAM

Welcome to Salt Lake City!

Registered guests of AAPG members or non-members are invited to enjoy the comforts of the Guest Hospitality Suite in the Hilton Salt Lake City Center located just a short walk from the Salt Palace 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 Salt Lake City area. Let us help you get acquainted with our city and the surrounding area. If you arrive before the convention or plan to stay late, please check out the guest program website at ACE.AAPG.org for additional free offerings.

Whatever your interest, Salt Lake City has something for everyone! Don't forget to come by and pick up your guest gift in the Guest Hospitality Suite.

Location: Hilton Salt Lake City Center, Granite Conference Center

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.

GUEST TOURS

All Guest Tours will depart from the Guest Hospitality Suite at the Hilton Salt Lake City Center. 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.



See the Main Sights of Salt Lake, Including the Lake!

Day: Monday
Time: 8:30 a.m.–12:30 p.m.
Fee: \$45
Includes: Transportation and tour guide

Drive through downtown Salt Lake City up to the University of Utah and view the 2002 Olympic Cauldron. Visit This is The Place State Heritage Park for a short video about the early pioneers and photo opportunity of the Salt Lake valley. Drive through historic Ft. Douglas and Federal Heights neighborhood then down historic Brigham Street to the Utah State Capital. See the most elegant mining mansions, ornate churches, grandest architecture, and stunning mountain views. Visit the Great Salt Lake, this one-of-a-kind inland sea.

GUEST TOURS

"Alps of Utah" Snowbird Spa Day

Day: Monday
Time: 9:30 a.m. – 5:00 p.m.
Fee: \$105
Includes: Day Pass to the Cliff Spa, transportation, and lunch

This tour will get you to the mountains to spend the day doing what you like. Enjoy the mountains in an internationally known leisure setting at the spa or hike trails that begin right at the Cliff Lodge. Use the steam room or the outdoor, glass-enclosed pool or hot tub in an amazing setting on the top floor of the Cliff Lodge. The spa features 21 treatment rooms, yoga studio, fitness center, rooftop pool and hot tub, and a salon. Booked treatments at the spa are extra and include massage, mountain healing, energy work, body scrubs and wraps, skin care, facials, manicures and pedicures, and other salon services. Please arrange your own spa treatments at 801-933-2225 starting at 10:15 a.m. and no later than 3:45 p.m. *Treatments booked in advance will receive 20% off if you mention AAPG.*

SOLD OUT Red Butte Garden

Day: Tuesday
Time: 9:00 a.m. – 12:00 p.m.
Fee: \$40
Includes: Entry to the gardens and transportation

Visit Red Butte Garden located on 100 acres in the foothills on the eastern edge of the University of Utah with over 21 acres of developed gardens and five miles of hiking trails winding through an extensive natural area.

SOLD OUT Heber Valley Historic Railroad, Provo Canyon Excursion

Day: Tuesday
Time: 9:00 a.m. – 4:00 p.m.
Fee: \$65
Includes: Transportation, train ride, and boxed lunch

Have some fun and experience the Old West while witnessing its scenic mountain beauty complete with bells and whistles aboard an original 1907 old-fashioned steam engine train. Ride vintage coaches through the alpine countryside of the lovely Heber Valley along the shores of Deer Creek Reservoir and through the breathtaking Provo Canyon. The train ride lasts three hours and a light jacket is recommended.



See the Main Sights of Salt Lake City!

Day: Wednesday
Time: 9:00 a.m. – 11:00 a.m.
Fee: \$40
Includes: Transportation and tour guide

Drive through downtown Salt Lake City up to the University of Utah and view the 2002 Olympic Cauldron. Visit *This is The Place State Heritage Park* for a short video about the early pioneers and photo opportunity of the Salt Lake valley. Drive through historic Ft. Douglas and Federal Heights neighborhood then down historic Brigham Street to the Utah State Capital. See the most elegant mining mansions, ornate churches, grandest architecture, and stunning mountain views.

EARTH SCIENCE EDUCATOR PROGRAM

Free Professional Development Opportunity for Utah Teachers

Day: Saturday
Time: 8:30 a.m. – 4:30 p.m.
Location: Department of Natural Resources Building
1594 W. North Temple

Salt Lake City, Utah AAPG presents a free Earth Science Educator Program highlighting the rocks, landforms, and geologic history of Utah by way of a workshop and field trip along the foot of the central Wasatch Range. Participants will receive eight hours of relicensure credit, a classroom-ready rock kit with large specimens of each rock type, and locally-oriented supplementary educational materials.

The program is directed toward the 4th, 5th, and 7th grade Utah Science Core Standards for Earth science and will be led by Utah Geological Survey geologists. Space is limited and will be filled on a first-come, first-served basis for actively employed school teachers and specialists. Educators from grade levels not specified will be placed on a waiting list and contacted as space is available. Stipends for long-distance travel may be available.



EXHIBITION HIGHLIGHTS

Looking to find the latest products/services, learn best practices, and discover new innovations to help deliver results for your business? Visit the exhibition:

- 600 poster presentations focusing on all aspects of geosciences
- More than 3,000 feet of core samples highlighting both lacustrine and marine settings
- Suppliers and vendors from more than 40 countries representing world-class Petroleum E&P Companies
- The latest innovations and emerging technologies
- Product and service demonstrations
- Networking opportunities with colleagues and industry professionals
- AAPG Center and Bookstore
- International Pavilion exhibitors from around the globe



Location: Exhibit Halls C/D/E

Exhibition Hours:

Sunday..... 5:00 p.m.–7:30 p.m. (Icebreaker)
 Monday..... 9:00 a.m.–6:00 p.m.
 Tuesday..... 9:00 a.m.–6:00 p.m.
 Wednesday..... 9:00 a.m.–2:00 p.m.

Networking in the Exhibition:

Refreshment Breaks

Monday..... 9:15 a.m.–10:15 a.m. & 2:30 p.m.–3:30 p.m.
 Tuesday..... 9:15 a.m.–10:15 a.m. & 2:30 p.m.–3:30 p.m.
 Wednesday..... 9:15 a.m.–10:15 a.m.

End-of-Day Receptions

Monday..... 5:00 p.m.–6:00 p.m.
 Tuesday..... 5:00 p.m.–6:00 p.m.

Cretaceous Park: ACE 101 + Utahraptor!

Visit booth #1637 in the exhibit hall to see the full skeleton of the famous Utahraptor, courtesy of Gaston Design. Formally named in 1993 by Utah State Paleontologist Dr. James Kirkland, Utahraptor stood more than six feet tall and was more than 12 feet in length. At ACE 101, you will have a chance to meet Dr. Kirkland and get up close and personal with one of Utah’s greatest dinosaur treasures brought back to life.

Also learn about the more recent Utahraptor Project. After discovery in 2001, Utah Geological Survey paleontologists spent 12 field sessions excavating a 9-ton block of sandstone containing several preserved Utahraptor fossils, including several juveniles. After removing the “mega-block” from the field, work began on prepping this amazing treasure trove of early Cretaceous fossils.



Turbinator II at ACE 2018

Make sure to stop by the AAPG Center (Booth #1819) to see DPA’s presentation of the world’s fastest wheel-driven car.

Team Vesco’s Turbinator II streamliner will be on display throughout the convention, as part of DPA’s ACE theme of “Supercharge Your Career—Join DPA.” And while you’re admiring the car, be sure to get information on DPA and how to join – and YPs, ask about the new Provisional Membership status. This new level of membership within DPA was established to help bridge the gap for those who have not yet met the experience required to pursue certification.

Partnered with the Save the Salt Foundation, a nonprofit organization whose mission is to protect the Bonneville Salt Flats in Utah and to promote its history and motorsports legacy, Rick Vesco and his team will be available to answers any questions about the car and the foundation.

The Bonneville Salt Flats International Raceway (BSF) is the densely packed salt remnant of an ancient lake bed formed over thousands of years. Beyond its irreplaceable beauty, the flats possess rare physical

qualities which make it a destination for land speed racing, filmmaking, rocketeers, and tourists from all over the world.

The 300, 400, 500, and 600 mph land speed record barriers were broken on its natural straightaway. Since the 1920s, automakers, speed equipment manufactures, and tire companies have used Bonneville as a testing laboratory for products we all rely on today. All this adds up to a rich land speed racing legacy including the world-famous annual Speed Week event. Bonneville has earned protected status that recognizes the importance of land speed racing as a compatible use

- Owner: Rick Vesco
- World’s fastest wheel-driven car
- FIA World Record: 458.481 mph
- National Record: 427.832 mph
- Length: 38 feet
- Powered by: a 4,300 horsepower Lycolming 255 engine out of a Chinook troop transport helicopter



INTERNATIONAL PAVILION

Come Explore...a World of Opportunity!

The mission of the International Pavilion (IP) is to help provide a world-class showcase for NOCs, Governments, and Ministries promoting exploration and investment opportunities. The IP focuses on providing a platform for bringing together countries with oil and gas resources and oil and gas companies looking to explore and produce them.

The IP at ACE enables attendees and explorers to review global opportunities, learn about the latest discoveries and bid round offerings, and to network directly with representatives from the countries who know the opportunities in detail.

In addition to the traditional exhibition of countries, the IP will be hosting a new International Speaker Program at ACE which will be hosted in the IP Theatre on the ACE exhibition floor. Attendees can expect to come away with heightened insight into current and future global activity so plan now to drop in at the IP.

International Speaker Program Themes:

- Licensing Rounds
- Open Acreage & Current Activity
- Exploration Opportunities
- New Data Availability

The IP Theatre will kick off on Monday afternoon at 2:00 p.m. with opening remarks from Charles Sternbach, AAPG President, followed by an extensive global review courtesy of Wood Mackenzie. Country/Exhibitor presentations will round out the day on Monday and continue through Tuesday and Wednesday. Exact schedule of presentations will be available at the IP Theatre. Presentations that are scheduled include:

- AGC
- Argentina
- Barbados
- ENVOI
- Falkland Islands
- Getech
- Ghana
- Ireland
- Jamaica
- Madagascar
- Mozambique
- Morocco
- Nalcor
- Newfoundland and Labrador
- Nicaragua
- Nova Scotia
- Peru
- PGS
- Poland
- Senegal
- Seychelles
- Sierra Leone
- Spectrum
- Suriname
- TGS
- Togo
- Trinidad & Tobago
- Tunisia
- UK Oil & Gas Authority
- Uruguay

INTERNATIONAL PAVILION

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CORE LIKE NEVER BEFORE!

Like moths to a flame, if rocks are displayed, geologists will swarm. An unprecedented collection of core, with more than 3,000 feet of rock is on display inside the Exhibit Hall. The first goal will be to highlight cores from both lacustrine and marine settings representing some of the hottest oil and gas play areas. ACE 101 in Salt Lake will be the first public display of some of these cores. The second goal is to emphasize the importance of regional core centers. State- and federal-run core centers are vital repositories of this priceless material. The work conducted at these facilities is often overlooked, but their collections represent hundreds of billions of dollars' worth of investment. Please stop by the core, explore its wonders, and thank those who work to preserve this important material for future generations of geoscientists.

1. Lacustrine Eocene Green River Formation Core, Uinta Basin, Utah

*Hosted by the Utah Geological Survey's
Utah Core Research Center*

The PR-15C-7 is a one-of-a-kind core that captures nearly the entire Eocene Green River Formation (GRF) in one continuous 1600-foot set of rock. Track the evolution of ancient Lake Uinta as it progresses from a fresh body of water teeming with mollusks to a saline pond similar to the modern Great Salt Lake. The GRF is also the largest oil-producing formation in the State of Utah. Drilled in 2015 by TOTAL and donated to the Utah Core Research Center, this special core session will be the public debut of this spectacular core.

2. Three Lacustrine Cores From the Kwanza Basin Pre-Salt Play, Offshore Angola

Hosted by the Texas Bureau of Economic Geology

These very rare cores (Pitanga #1, Mucua #1, and Maboque #1) from the important South Atlantic "pre-salt" play will also make their first appearance at the AAPG 2018 meeting. The pre-salt reservoirs, both off-shore Angola and off-shore Brazil, contain lacustrine carbonates (including microbialites) similar to deposits in the Green River Formation and at Great Salt Lake. These cores, drilled in the early 1980s, were donated to the Texas Bureau of Economic Geology in the late 1980s. It is a huge privilege to display these remarkable cores in Salt Lake City and to compare them to local lacustrine rocks.

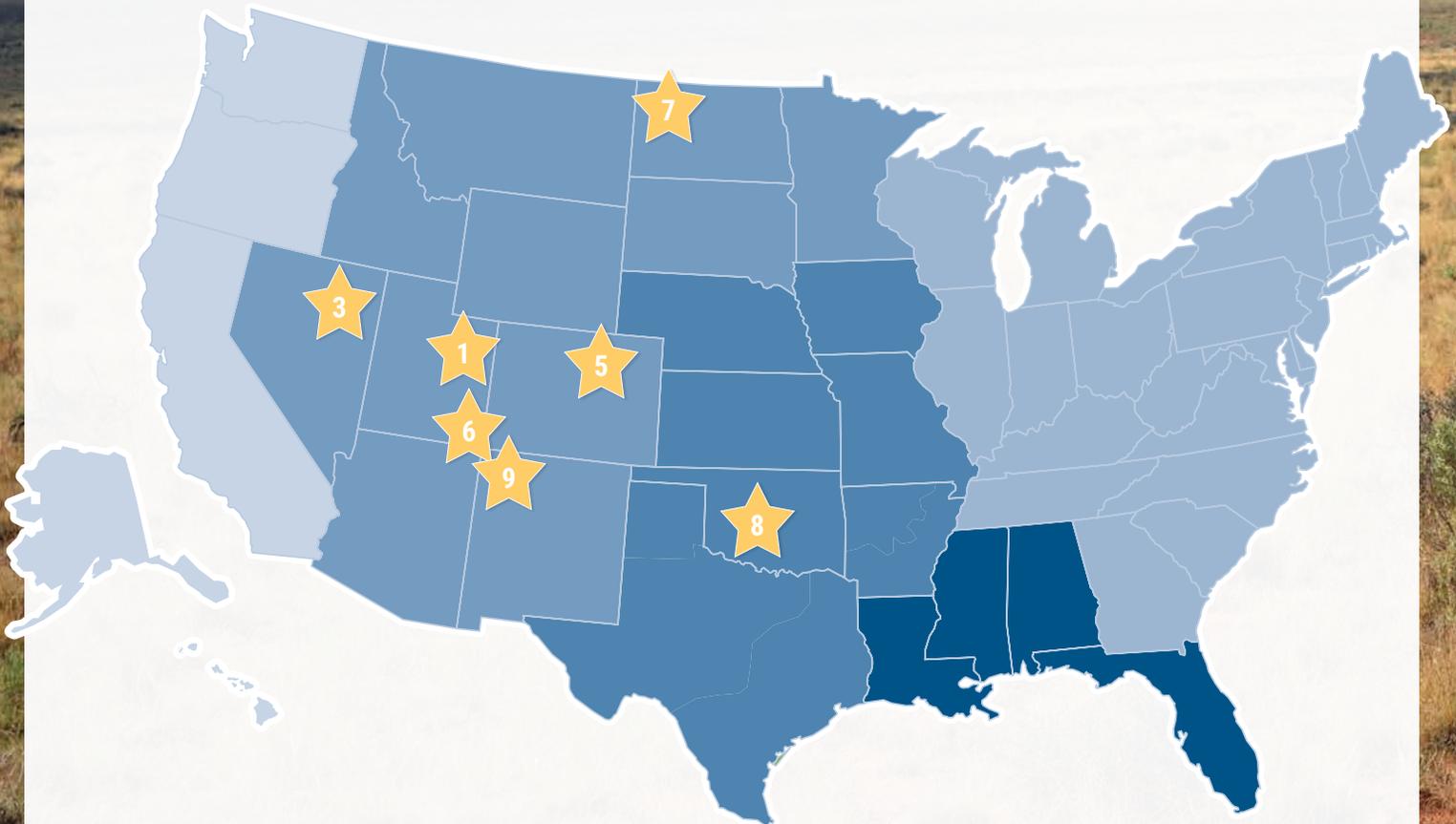
3. Lacustrine Elko Formation Core, Elko County, Nevada

Hosted by the Nevada Bureau of Mines and Geology

This core allows comparison of the lacustrine Elko Formation of Eocene Lake Elko, which was deposited in the highlands of northeastern Nevada, with the slightly older Green River Formation, deposited in the lower elevations of Utah's Lake Uinta. This display of the Elko core, which penetrated the heart of the formation's organic-rich interval, will be the first time it is unveiled for viewing by the public. Noble Energy cut this 300+ feet of continuous core in 2014 as part of their unconventional exploration program in northeast Nevada.

4. Lacustrine Microbialite Slab Display

Assembled and displayed by renowned microbialite researcher Dr. Stanley Awramik (University of California, Santa Barbara) and Green River Formation expert Dr. Paul Buchheim (Loma Linda University). Drs. Awramik and Buchheim have spent long careers researching and collecting remarkable microbialites from around the world and spanning the geologic ages. They have generously agreed to share and display many of their most special finds of lacustrine microbialites with the AAPG audience.





5. Mancos/Niobrara Cores From Colorado

Hosted by the U.S. Geological Survey's Core Research Center

A series of upper Cretaceous Mancos and Niobrara cores highlighting the facies transitions from the Piceance Basin in western Colorado to the Denver-Julesburg Basin, one of the hottest play areas in the United States. According to the curator at the U.S. Geological Survey Core Research Center, the DJ Basin Niobrara cores are the most requested materials for viewing in their massive collection.

6. Greater Aneth Field Core Display: The Largest Producing Oil Field in Utah

Hosted by the Utah Geological Survey's Utah Core Research Center

A sampling of the recently donated Aneth core collection, highlighting the largest producing oil field in Utah. This core collection (125 wells) represents the highest resolution sampling of a Pennsylvanian carbonate reef build-up in the world, with implications for similar reservoirs worldwide.

7. Beyond Bakken: Core From Emerging Plays in the Williston Basin

Hosted by the North Dakota Geological Survey

Core will be displayed from several non-Bakken formations within the Williston Basin that have received recent (<5 years) drilling and exploration activity and have significant future potential. Three formations will be featured: Ordovician marine carbonates of the Red River Formation, Mississippian marine carbonates of the Madison Group, and Pennsylvanian marine-brackish water siliciclastic-carbonate upper Tyler Formation. Both source rock and reservoir facies will be displayed for each unit in order to examine both conventional and unconventional play opportunities.

8. STACK Play Cores From Oklahoma

Hosted by the Oklahoma Geological Survey's Oklahoma Petroleum Information Center

The STACK play in west-central Oklahoma is one of the most recent and prolific plays in the United States. Although named for its geography (Sooner-Trend Field, Anadarko Basin, Canadian and Kingfisher Counties), this liquids-rich play does in fact offer several stacked horizons for exploration. This display represents core from some of the play's impressive producing zones, such as the Mississippian Woodford, Osage, and Meramec.

9. Mancos Core From San Juan Basin, New Mexico

Hosted by the New Mexico Bureau of Geology & Mineral Resources

The Cretaceous Mancos Shale play in the San Juan Basin of northwest New Mexico has become much more active within the past five years. Although marginally productive for several decades from vertical wells, horizontal drilling has breathed new life into this play. On display will be a portion of the Amoco No. 14 Jicarilla A118 well, which was cored through the major productive zone within the Mancos.



Pre-Convention	Title	Leader(s)
2	*SOLD OUT* Geology of Bryce Canyon and Zion National Parks, Southwestern Utah (UGA)	Grant Willis and Bob Biek (Utah Geological Survey, Salt Lake City, Utah)
3	*SOLD OUT* Exploring the Diverse Geology of Capitol Reef National Park (UGA)	Thomas H. Morris (Brigham Young University, Provo, Utah)
4	*SOLD OUT* Stratigraphic Elements of Shoreface and Deltaic Strata, Upper Cretaceous of the Northern Book Cliffs (SEPM)	Diane Kamola (University of Kansas, Lawrence, Kansas), Kirt Campion (Consultant, Wimberley, Texas), and Jesse Thompson (Chevron, Houston, Texas)
5	*SOLD OUT* Fluvio-Deltaic and Lacustrine Interpretations of Potential Source and Reservoir Rocks: Examples From the Green River Formation, Uinta Basin, Utah (UGA)	Dave Keighley (University of New Brunswick, Canada) and Ryan Gall (University of Utah, Salt Lake City, Utah)
6	*SOLD OUT* Great Salt Lake: Microbialites, Past and Present (UGA)	Jaimi Butler and Bonnie Baxter (Westminster College, Salt Lake City, Utah), Carie Frantz (Weber State University, Ogden, Utah), Peter Homewood and Jean-Charles Schaegis (Fribourg University, Fribourg, Switzerland), Monique Mettraux (GeoSolutions Training, Research Development, Cannes, France), Michael Vanden Berg (Utah Geological Survey, Salt Lake City, Utah), and Genevieve Atwood (University of Utah, Salt Lake City, Utah)
Post-Convention		
7	Upper Cretaceous Stratigraphy, Depositional Environments, and Reservoir Geology of the Henry Mountains Region, Southern Utah (SEPM)	Janok P. Bhattacharya (McMaster University, Ontario, Canada) and Christopher R. Fielding (University of Nebraska-Lincoln, Lincoln, Nebraska)
8	*SOLD OUT* Fault Zone Structure Controls on Fault Sealing and Fluid Migration in Hydrocarbon Reservoirs and Carbon Capture and Storage Prospects: Examination of Natural Analogs From Southeastern Utah (UGA)	Yannick Kremer, Zoe Shipton, Rebecca Lunn (University of Strathclyde, Glasgow, United Kingdom), Elizabeth Petrie (Western State Colorado University, Gunnison, Colorado), Jim Evans (Utah State University, Logan, Utah), Dave Richey (Anadarko Petroleum, Salt Lake City, Utah)
9	*SOLD OUT* Classic Geology of Arches and Canyonlands National Parks, and Spectacular Points Along the Way (UGA)	Thomas C. Chidsey (Utah Geological Survey, Salt Lake City, Utah) and Michael D. Laine (Retired, Utah Geological Society, San Jose, California)
11	Shelf to Basin Transect Through the Phosphoria Formation in Northeastern Utah and Implications for Hydrocarbon Exploration (UGA)	Marc S. Hendrix (AIM Geoanalytics, Missoula, Montana)
12	*SOLD OUT* Lake Type Evolution and Microbialite Facies of the Eocene Green River Formation, Wyoming (SEPM)	Alan Carroll and Andrew Walters (University of Wisconsin, Madison, Wisconsin)
13	*SOLD OUT* Overview and Timing of the Northern Utah Sector of the Sevier Fold-and-Thrust Belt: Its Interaction With Laramide Structures and Ultimate Collapse During Tertiary Extension (UGA)	Doug Sprinkel and Zach Anderson (Utah Geological Survey, Salt Lake City, Utah), Adolph Yonkee and Elizabeth Balgord (Weber State University, Ogden, Utah)



Day(s) / Time(s)	Fees
Thursday, 17 May, 7:00 a.m.–Saturday, 19 May, 4:00 p.m.	Professionals/Students \$470 (double occupancy); \$620 (single occupancy)
Thursday, 17 May, 7:30 a.m.–Saturday, 19 May, 6:30 p.m.	Professionals/Students \$420 (double occupancy)
Thursday, 17 May, 8:00 a.m.–Saturday, 19 May, 6:00 p.m.	Professionals \$350 (double occupancy); Students \$100 (limited) (double occupancy)
Friday, 18 May, 7:30 a.m.–Sunday, May 20, 4:30 p.m.	Professionals/Students \$575 (double occupancy)
Friday, 18 May, 7:30 a.m.–Saturday, 19 May, 5:30 p.m.	Professionals/Students \$310 (hotel not included)
Wednesday, 23 May, 4:00 p.m.–Sunday, 27 May, 5:00 p.m.	Professionals \$1325 (double occupancy); Students \$700 (limited) (double occupancy)
Wednesday, 23 May, 5:30 p.m.–Saturday, 26 May, 6:00 p.m.	Professionals/Students \$730 (double occupancy)
Thursday, 24 May, 7:30 a.m.–Saturday, 26 May, 6:00 p.m.	Professionals/Students \$440 (double occupancy)
Thursday, 24 May, 7:30 a.m.–Friday, 25 May, 7:00 p.m.	Professionals/Students \$400 (double occupancy)
Thursday, 24 May, 8:00 a.m.–Saturday, 26 May, 6:00 p.m.	Professionals \$715 (double occupancy); Students \$350 (limited) (double occupancy)
Thursday, 24 May, 7:30 a.m.–Saturday, 25 May, 4:30 p.m.	Professionals/Students \$235 (hotel not included)

Cancelled:

1. Predictive Models for Fluvial Reservoir Development and Properties: Salt Wash Distributive Fluvial System, Morrison Formation (UGA)
10. The Changing Power Generation Scene in Utah (UGA)

SHORT COURSES

Download the AAPG EVENTS App for the latest updates

Pre-Convention	Title	Instructor(s)
1	Petrography of Mudrock Hydrocarbon Reservoirs (RMAG)	Lyn Canter (Whiting Petroleum, Denver, Colorado); David Hull (Devon Energy, Oklahoma City, Oklahoma); Mark Longman (QEP Resources, Denver, Colorado); Joe Macquaker (ExxonMobil Upstream Research Company, Houston, Texas) and Terri Olson (Digital Rock Petrophysics, Denver, Colorado)
3	*SOLD OUT* Dissecting a Cretaceous Fluvial-Deltaic Succession in Core, Ferron Sandstone, Utah (UGA)	M. Ryan King (Consultant, Gunnison, Colorado) and Paul Anderson (Consultant, Emery, Utah)
4	Fracture Characterization (PROWESS)	Julia F. W. Gale (Bureau of Economic Geology, Austin, Texas)
5	Concepts, Models, and Case Studies of Dolomitization - With Applications to Hydrocarbon Exploration and Development (AAPG)	Hans Machel (University of Alberta, Edmonton, Alberta, Canada) and Jay Gregg (Oklahoma State University, Stillwater, Oklahoma)
7	Advanced Sequence Stratigraphic Applications for Exploration (SEPM)	Vitor Abreu (Consultant, Houston, Texas) and Keriann Pederson (ExxonMobil, Houston, Texas)
9	Chemometric Tools to Establish Petroleum Systems, Predict Physical Properties, and De-Convolute Mixed Production (AAPG)	Kenneth Peters (Schlumberger, Mills Valley, California)
10	Tricky Carbonates Made Simple (UGA)	Peter Homewood and Monique Mettraux (GEOSOLUTIONS Training, Research & Development, Gan, France)
11	Sequence Stratigraphic Analysis of Shales and Mudstones: Key to Paleoclimate Archives, Subsurface Fluid Flow, and Hydrocarbon Source, Reservoir, and Seal (SEPM)	Kevin Bohacs (ExxonMobil Upstream Research Company, Houston, Texas); Ovidiu Remus Lazar (ExxonMobil Upstream Research Company, Houston, Texas); Joe Macquaker (ExxonMobil Upstream Research Company, Houston, Texas); and Juergen Schieber (Indiana University, Bloomington, Indiana)
12	UAVs and Virtual Outcrops – From Data Collection to Final Interpretation (AAPG)	John Howell (University of Aberdeen King's College, Aberdeen, United Kingdom)
14	Unconventional Resource Assessment and Valuation (EMD)	Gary Citron (Rose and Associates, Santa Barbara, California) and Creties Jenkins (Rose and Associates, Santa Barbara, California)
Post-Convention		
15	Petrophysical Evaluation of Unconventional Reservoirs (PTTC)	Jack Breig (Precision Petrophysics, Denver, Colorado)
16	Rock and Seismic Sequence Expression of Carbonate Systems – Exploration and Reservoir Characterization (SEPM)	Rick Sarg (Colorado School of Mines, Golden, Colorado)

Location	Day(s) / Time(s)	Fees
Room 250 E	Saturday, 19 May 8:00 a.m. – 5:00 p.m.	Professionals \$300 Students \$150
Utah Core Research Center 240 N. Redwood Road Salt Lake City, Utah 84116	Saturday, 19 May 8:00 a.m. – 5:00 p.m.	Professionals \$250 Students \$75
Hilton Salt Lake City Center, Seminar Theater	Saturday, 19 May 8:00 a.m. – 5:00 p.m.	Professionals \$100 Students \$50
Room 250 C	Saturday–Sunday, 19–20 May 8:00 a.m. – 5:00 p.m.	Professionals \$895 Students \$115
Marriott Downtown at City Creek Room Deer Valley 1&2	Saturday–Sunday, 19–20 May 8:00 a.m. – 5:00 p.m.	Professionals \$700 Students \$150
Room 250 F	Sunday, 20 May 8:00 a.m. – 5:00 p.m.	Professionals \$515 Students \$115
Room 250 E	Sunday, 20 May 8:00 a.m. – 5:00 p.m.	Professionals \$450 Students \$100
Marriott Downtown at City Creek Room Cottonwood	Sunday, 20 May 8:00 a.m. – 5:00 p.m.	Professionals \$600 Students \$100
Room 251 B	Sunday, 20 May 8:00 a.m. – 5:00 p.m.	Professionals \$515 Students \$115
Room 251 C	Sunday, 20 May 8:00 a.m. – 5:00 p.m.	Professionals \$570 Students \$285
Room 150 A/B/C	Thursday, 24 May 8:00 a.m. – 5:00 p.m.	Professionals \$300 Students \$150
Marriott Downtown at City Creek Room Snowbird	Thursday–Friday, 24–25 May 8:00 a.m. – 5:00 p.m.	Professionals \$700 Students \$150

Cancelled:

- 2. An Introduction to Core Analytical Techniques (MGS)
- 6. Sequence Stratigraphy for Graduate Students (SEPM)
- 8. Mechanical Fundamentals for Production from Low Permeability Reservoirs (UGA)
- 13. Applied Petroleum Geochemistry (EMD)



TECHNICAL PROGRAM

- Theme Chairs
- Oral Sessions at a Glance
- Poster Sessions at a Glance
- Technical Program Sunday
- Technical Program Monday
- Technical Program Tuesday
- Technical Program Wednesday
- Presenter Cross Reference

ACE 2018 TECHNICAL PROGRAM THEME CHAIRS

Technical Program Chair

Lauren Birgenheier, University of Utah

Theme 1: Siliciclastics Co-Chairs

Gary Hampson, Imperial College London
Zane Jobe, Colorado School Mines

Theme 2: Carbonates and Evaporites Chair

Steve Bachtel, Chevron, Retired

Theme 3: Unconventional Resources Chair

Sam Hudson, Brigham Young University

Theme 4: Geochemistry, Basin Modeling, and Petroleum Systems Co-Chairs

Cat Campbell, Camino Natural Resources
Ron Hill, EOG Resources

Theme 5: Structure, Tectonics, and Geomechanics Co-Chairs

Julia F. W. Gale, Bureau of Economic Geology, University of Texas at Austin
Caleb Pollock, Pioneer Natural Resources
Tim Buddin, Redwing Geoscience

Theme 6: Geophysics Co-Chairs

John Byrd, ByrdGEO (Consultant)
Ted Stieglitz, PGS

Theme 7: Lacustrine Systems Co-Chairs

Jenni Scott, Mount Royal University
Kevin Bohacs, ExxonMobil

Theme 8: Energy and Environment Co-Chairs

Jeremy Boak, Oklahoma Geological Survey
Stephen Testa, Testa Environmental Corporation

Theme 9: Energy Innovation Chair

Susan Agar, Saudi Aramco

Theme 10: SEPM Research Symposium and Student Research Poster Co-Chairs

Cari Johnson, University of Utah
Howard Harper, SEPM

Theme 11: Student Research Presentations

AAPG, Beth Strickland, Shell
AAPG, Gregory Janevski, Shell
SEPM, Cari Johnson, University of Utah
SEPM, Rick Sarg, Colorado School of Mines

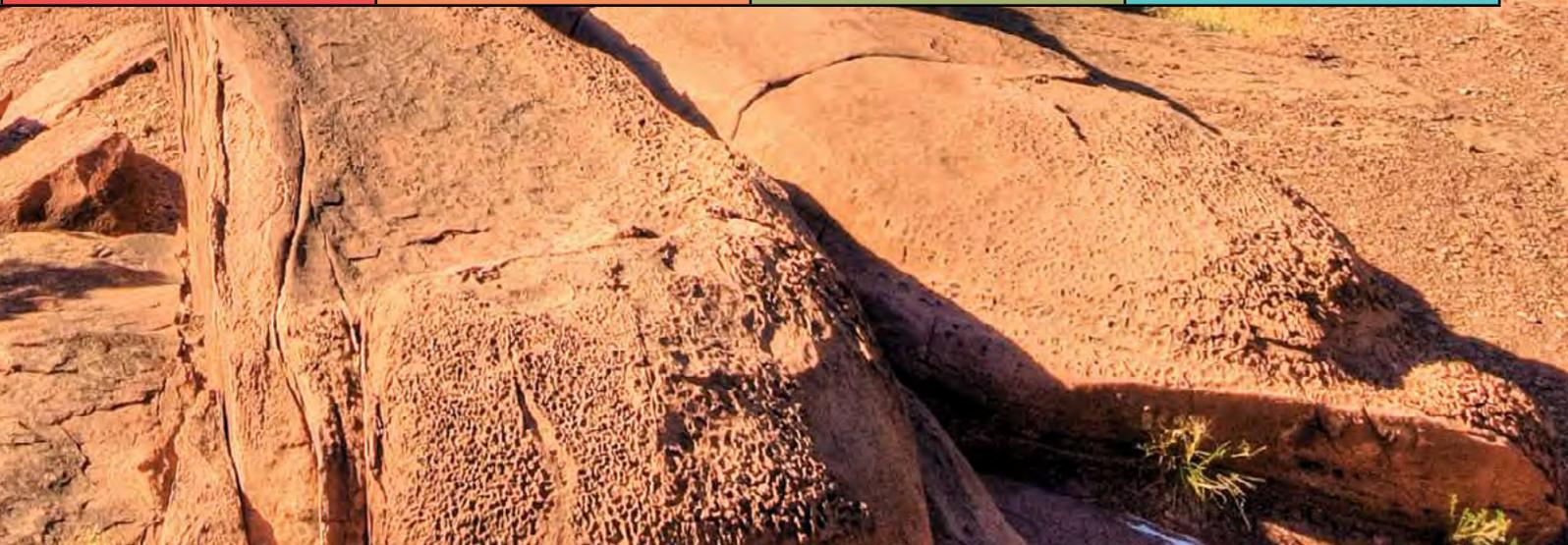
History of Petroleum Geology

Matt Silverman, Robert L. Bayless, Producer
Amanda Haddad, BHP Billiton

ORAL SESSIONS AT A GLANCE

	150 D/E/F/G	151 A/B/C/G	Ballroom A	Ballroom B
Mon A.M.	Theme 3: Global Unconventional Systems I (EMD/SEPM)	Super Basins Forum (AAPG)	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)	Theme 7: Green River Formation and Other Ancient Lacustrine Analogs (SEPM)
Mon P.M.	Theme 3: Global Unconventional Systems II (EMD/SEPM)	Discovery Thinking (DPA/AAPG)	Theme 6: Seismic Imaging Applications (AAPG)	Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)
		Halbouty Lecture		
Tue A.M.	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region I (SEPM)	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans I	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Tue P.M.	Theme 3: North American Unconventional Systems I (EMD/SEPM)	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region II (SEPM)	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans II	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
		Special Executive Session: Great Innovation Leaders		
Wed A.M.	Theme 3: North American Unconventional Systems II (EMD/SEPM)	DPA Special Session: The Future Energy Geoscientist	Theme 1: Understanding Continental Reservoirs (SEPM)	Theme 2: Carbonate Slope-to-Basin Deposits (SEPM)
Wed P.M.	Theme 3: North American Unconventional Systems III (EMD/SEPM)	Theme 6: Hydrocarbons and Geothermal Exploration Techniques: Opportunities for Technical Exchange and Advances (EMD)	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture (SEPM)	Theme 2: Carbonates of Western North America (SEPM)

Ballroom C	Ballroom D	Ballroom E	Ballroom F
Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)	Theme 6: Induced Seismicity (DEG)	Theme 4: Geochemistry – From Exploration to Production (AAPG)	Theme 5: E&P in Compressional Belts (AAPG/PSGD)
Theme 1: Deep-Water System Interactions With Static and Dynamic Seafloor Topography, Relative Roles of Autocyclic and Allocyclic Modulation (SEPM)	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)	Theme 4: New Applications and Workflows in Basin and Petroleum Systems Modeling (AAPG/SEPM)	Theme 8: Carbon Management (DEG/EMD)
Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern II (SEPM)	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)	Theme 5: Structure and Evolution of Oceanic Basins, Margins, and Transforms (AAPG/PSGD)
	The Business of Oil and Gas: The Many Pathways to Success (AAPG)		
Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)	The Business of Oil and Gas: The Many Pathways to Success (AAPG)	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)	Theme 5: Salt-Involved Systems: Processes, Architecture, and Evolution (AAPG/PSGD)
Theme 1: New Insights Into Deep-Water Depositional Processes and Products; Effects on Reservoir Quality, Distribution, and Architecture (SEPM)	Theme 9: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (AAPG/EMD)	Theme 4: Source Rocks – Geochemical Characterization and New Methods (AAPG)	Theme 5: Structural Geometry, Evolution, and Strain Modeling – Integrated Geomechanical, Geometrical, and Analog-Based Approaches (AAPG/PSGD)
	Theme 9: Machine Learning for Seismic Interpretation (AAPG)		
Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs (SEPM)	Theme 8: Energy and Environment (DEG)	Theme 4: Advances in Understanding Hydrocarbon and Non-Hydrocarbon Gases (AAPG)	Theme 5: Faults, Fractures, and Fluid Flow (AAPG/PSGD)



POSTER SESSIONS AT A GLANCE

Mon	AAPG Student Research Poster Session I	SEPM Student Research Poster Session I	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture I (SEPM)	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture II (SEPM)	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture III (SEPM)
	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)	Theme 4: Source Rocks: Composition, Kinetics, and New Methods (AAPG/SEPM)	Theme 5: Onshore North America (AAPG/PSGD)	Theme 5: Integrated Regional Studies (AAPG/PSGD)	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Tue	SEPM Student Research Poster Session II	Theme 1: Deepwater Depositional Environments I (SEPM)	Theme 1: Deepwater Depositional Environments II (SEPM)	Theme 1: Deepwater Depositional Environments III (SEPM)	Theme 1: Deepwater Depositional Environments IV (SEPM)
	Theme 3: Petrophysics of Unconventional Systems (EMD/SEPM)	Theme 4: Tools and Techniques for Modeling Petroleum Systems	Theme 5: Fault and Fracture Characterization I	Theme 5: Fault and Fracture Characterization II	Theme 6: Integrating Petrophysics, Lab Analyses, and Geology
Wed	AAPG Student Research Poster Session II	AAPG Student Research Poster Session III	AAPG Student Research Poster Session IV	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models I (SEPM)
	Theme 3: Global Shale Systems I (EMD/SEPM)	Theme 3: Global Shale Systems II (EMD/SEPM)	Theme 3: Global Shale Systems III (EMD/SEPM)	Theme 4: Assessing Source Rock Properties (AAPG)	Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG)



Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture IV (SEPM)	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)	
Theme 6: Searching for and Discovering Stratigraphic Traps (AAPG)	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)	Theme 7: Microbialites and Associated Features in Hydrocarbon Systems of Lakes and Oceans (SEPM)	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)	
Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern II (SEPM)	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)	Theme 3: North American Unconventional Systems (EMD/SEPM)	
Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances	Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)	Theme 7: Green River Formation and Other Ancient Lacustrine Analogs (SEPM)	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs I (SEPM)	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)	Theme 1: Understanding Continental Reservoirs I (SEPM)	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore
Theme 4: Understanding Source Rocks From Generation to Production (AAPG)	Theme 5: Salt-Involved Structural Styles	Theme 8: Carbon Management	Theme 8: Kemper, Mississippi CO ₂ Sequestration Site	





TECHNICAL PROGRAM
SUNDAY & MONDAY

SUNDAY & MONDAY TECHNICAL PROGRAM

History of Petroleum Geology

Ballroom A

Co-Chairs: D. Peyerl and M. Silverman

(See page 13 for more information on this special session)

- 11:55 **Introductory Remarks**
- 12:00 **A Revolution in Applied Geophysics in Brazil (1930-1960):** D. Peyerl, S. Figueirôa
- 12:20 **U.S. Natural Gas Losses, Late 1870s to Early 1950s: A Compilation and Evaluation of Numerical Estimates:** M. L. Barrett
- 12:40 **Early Over-Water Drilling in the United States (1862-1917):** J. Spencer
- 1:00 **John T. Scopes: A Summer in Hell and a Career in Petroleum Geology:** M. Silverman
- 1:20 **Back to the Source: A Chronicle of Ideas and Techniques on Petroleum Source Rocks:** R. Sorkhabi
- 1:40 **Reservoir Modeling – An Insider's History of a Key Enabling Technology:** W. S. Meddaugh
- 2:00 **Catastrophism and the Deep Historical Roots of Sequence Stratigraphy:** M. Simmons
- 2:20 **The Discovery of Daqing Oilfield in China:** M. Liu

Monday Morning Oral Presentations

Theme 3: Global Unconventional Systems I (EMD/SEPM)

Room 150 D/E/F/G

Co-Chairs: B. Hill and S. Jiang

- 8:00 **Introductory Remarks**
- 8:05 **Unconventional Hydrocarbon Potential of the Weald Basin, Southern England, United Kingdom:** F. Palci, A. Fraser, M. Carles, M. Neumaier, S. Sanderson, R. Wallace
- 8:25 **Comparing the Potential Bowland Shale Play (Pennine Basin, United Kingdom) to the Established Barnett Shale Play (Fort Worth Basin, U.S.A.): A Geochemical and Palynological Analysis of Mississippian (Carboniferous) Mudstones:** J. A. Hennissen, E. Hough, C. Vane, V. Moss-Hayes, M. H. Stephenson
- 8:45 **Periplatform Ooze Within the Vaca Muerta Formation, Neuquén Basin, Argentina:** L. Rodriguez Blanco, G. Eberli, R. J. Weger, M. Tenaglia, L. Rueda
- 9:05 **High Resolution Sequence Stratigraphic Framework of the Middle Tithonian – Lower Valanginian Interval (Vaca Muerta-Quintuco Formations), Neuquén Basin, Argentina:** G. Godino, D. Giunta, L. Smith, J. L. Massafiero
- 9:25 **Refreshment Break**
- 10:10 **Thebes Formation Unconventional Resource Assessment, Gulf of Suez, Egypt:** Z. Elsis, W. K. Kassem, T. Levi, A. Agam
- 10:30 **Shale Gas in Western Ukraine – Hype Versus Hard Facts:** W. Nachtmann, R. Sachsenhofer, S. Kozysky, Y. Nesplak
- 10:50 **A Comparison of Najmah Kerogen Adsorption and Desorption Gas Characteristics With North American Source Rocks:** J. D. Rao, Q. Dashti, S. Al Ashwak, N. Neog, A. Mutairi, D. Hume, G. Salter, C. Hall, A. Kumar, A. W. Britton
- 11:10 **Pore Connectivity Characterization of the Wufeng and Longmaxi Shales From Sichuan Basin, China Using Wood's Metal Intrusion and High-Resolution 2-D and 3-D Imaging:** L. Yu, K. Liu, M. Fan, F. Bao
- 11:30 **Effect of Lithofacies on Gas Storage Capacity of Marine and Continental Shales in the Sichuan Basin, China:** L. Chen, Z. Jiang, K. Liu

Super Basins Forum

Room 151 A/B/C/G

Chair: C. Sternbach

(See page 14 for more information on this special forum)

- 8:00 **Introductory Remarks**
- 8:05 **Basin Strategies – Supers, Mini, and More:** P. Stark, B. Fryklund
- 8:45 **How Super Basins and Shale Plays May Evolve:** S. W. Tinker
- 9:25 **Refreshment Break**
- 10:10 **A Tale of Two Superbasins: Comparing Basin Geometry and Petroleum Systems in the Northern Gulf of Mexico and the West Texas (Permian) Basins:** T. E. Ewing
- 10:50 **Basins and Petroleum Systems of the Middle East:** S. Al-Hajri

Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)

Ballroom A

Co-Chairs: W. Shea and R. White

- 8:00 **Introductory Remarks**
- 8:05 **Enhancing Sedimentary and Structural Features With Seismic Attribute Extraction Methods: Case Studies From Shallow and Deep Water 3-D Seismic:** C. R. Sheya, M. Vögele, C. Asmar, M. Fallah, N. Khaled, C. Rosales Rodriguez
- 8:25 **New Drilling Results Based on 3-D Seismic Interpretation in the Red Wing Creek Meteorite Impact Field, Williston Basin, Western North Dakota:** D. Behringer, B. Herber, P. Weimer, R. Bouroullec, R. Barton
- 8:45 **Three-Dimensional Seismic Reconstruction of the Anisotropic Tectonic Stress for Cap-Rock Integrity in the Athabasca Oil Sands, Alberta, Canada:** D. A. Talinga, C. C. Dumitrescu, G. Larson
- 9:05 **Effective Seismic Workflow to Improve Carbonate Drilling Efficiency:** F. Xue
- 9:25 **Refreshment Break**
- 10:10 **Coherence Attribute Applications on Seismic Data in Various Guises:** S. Chopra, K. Marfurt
- 10:30 **Prediction of Residual Oil Saturation by Using the Ratio of Amplitude Attributes of Time-Lapse Seismic Data:** M. Li, W. Zhang
- 10:50 **Seismic Characterization of Natural Fractures in the Buda Limestone of Zavala County, Texas:** A. Smirnov, C. L. Liner
- 11:10 **Discrete Frequency Ant Tracking: Method and Application:** D. Sun, W. Zhao

Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)

Ballroom B

Co-Chairs: A. Carroll, E. Jagniecki, and J. Pietras

- 8:00 **Introductory Remarks**
- 8:05 **Xenoconformities in the Green River Formation:** A. R. Carroll, M. E. Smith
- 8:25 **A Deterministic Model for Outcrop to Subsurface Wireline Log Correlation, Eocene Green River Formation, Eastern Uinta Basin, Colorado and Utah:** J. E. Peacock, J. Sarg
- 8:45 **Characteristics of Sandy Hyperpycnite Deposits on the Shallow, Southern Margin of Eocene Lake Uinta, the Green River Formation of Northeastern Utah:** R. Brinkerhoff, K. Woolf
- 9:05 **Fluvial Depositional Variability in the Douglas Creek and Parachute Creek Members, Green River Formation, Uinta Basin, Utah:** R. D. Gall, L. Birgenheier, M. Vanden Berg
- 9:25 **Refreshment Break**
- 10:10 **Microbialite Investigations of the Douglas Creek Member of the Green River Formation (Eocene), Evacuation Creek Area, Uinta Basin, Utah, U.S.A.:** D. Cupertino, M. Vanden Berg, S. Awramik, P. Buchheim, C. Frantz, R. Biaggi, T. C. Chidsey
- 10:30 **Multiscale Characterization of a Microbialite-Rich Lacustrine Reservoir of the Green River Formation (Eocene, U.S.A.):** R. Deschamps, Y. Hamon, M. Adelinet, K. Labat, C. Bailly, J. Mengus, J. Terrier
- 10:50 **Osmium Isotope Stratigraphy and Radiogenic Age Determinations of the Green River Formation in Utah, U.S.A.:** J. T. Pietras, D. Selby, A. Dennett
- 11:10 **Multi-Isotope Geochemistry of the Eocene Elko Formation, Northeastern Nevada:** A. Canada, E. Cassel, M. E. Smith
- 11:30 **Heavy Metal Oil Shale From the Upper Green River Formation, Uinta Basin, Utah:** D. Keighley, A. Ani

Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)

Ballroom C

Co-Chairs: K. Sementelli and L. Stright

- 8:00 **Introductory Remarks**
- 8:05 **Capturing Reservoir Heterogeneity in Reservoir Models – How Much is Enough?:** W. S. Meddaugh

MONDAY TECHNICAL PROGRAM

- 8:25 **Surface-Based Reservoir Modeling: Generating Realistic Sedimentologic Heterogeneity for Reservoir Modeling and Simulation:** C. Jacquemyn, G. Hampson, M. D. Jackson
- 8:45 **Capturing Multi-Scale Geologic Heterogeneity With Logical Rules in Sketch-Based Reservoir Modeling:** M. P. Rood, C. Jacquemyn, M. D. Jackson, G. Hampson, F. Carvalho, C. Coda Marques, J. Machado Silva, M. Costa Sousa, Z. Zhang, S. Geiger
- 9:05 **Resampling From Reservoir Analog Models:** H. Yang, M. Pyrcz*, J. Covault, N. Hawie
- 9:25 **Refreshment Break**
- 10:10 **Relating Deposition Process to Reservoir Behavior Using Computational Stratigraphy to Define Complex Hierarchical Scales of Reservoir Heterogeneity Within River-Dominated Delta Deposits:** B. J. Willis, T. Sun
- 10:30 **Geocellular Modeling of Fluvial Meander-Belt Reservoirs: A Rule-Based Method Conditioned on Seismically Imaged Geometries:** L. Colombera, N. Yan, T. McCormick-Cox, N. P. Mountney
- 10:50 **Basin-Scale Static Models for Unconventional Resource Plays, Examples From Permian Midland and Delaware Basins:** T. Gladczenko, J. Hardt, M. Houston, R. Mays, M. Lessenger
- 11:10 **Geobody Detection and Multi-Point Statistical Facies Modeling – An Integrated Seismic Approach for Modeling Deepwater GOM Intra-Slope Turbidites:** F. Evans, S. Greenhalgh, B. Payne, M. Murat, D. Rice
- 11:30 **Integrated Static-Dynamic Reservoir Modeling of a Deep-Water West African Reservoir Utilizing an Efficient Decision-Based Workflow:** A. Dufournet, M. Miley, J. Villa, J. Pan, M. Bentley

Theme 6: Induced Seismicity (DEG)

Ballroom D

Co-Chairs: J. Boak and J. Shemeta

- 8:00 **Introductory Remarks**
- 8:05 **Induced Seismicity in Oklahoma: An Update:** J. Boak, K. Murray, J. Walter
- 8:25 **The Role of Pressure Diffusion in U.S. Midcontinent Seismicity:** E. Ansari, T. S. Bidgoli, A. Hollenbach
- 8:45 **Investigating the Link Between Brine Disposal Practices and Induced Seismicity in Kansas and Oklahoma:** A. Hollenbach, T. S. Bidgoli, E. Ansari, G. Bohling
- 9:05 **Potential for Induced Seismicity Near Conductive Faults: Examples From Fashing (Edwards) Field and Newark East (Barnett) Field:** T. W. Reynolds
- 9:25 **Refreshment Break**
- 10:10 **Development of a Deterministic Seismicity Potential Assessment of the Fort Worth Basin:** P. Hennings, J. Osmond, R. Dommissé, J. Nicot
- 10:30 **Microseismic Monitoring of a Vaca Muerta Hydraulic Stimulation: Evidence of a Subseismic Fault (Re)activation:** P. Roux, D. Kolos*, D. E. Curia
- 10:50 **Investigating the Complexity of Reservoir Response to Hydraulic Fracturing Through the Lens of Microseismic Collective Behaviour Characterization:** E. P. Ardakani, T. Urbancic, A. Baig, D. Cannon
- 11:10 **Regional Induced Seismicity Collaborative: Integrating Research Approaches in the Southern Midcontinent:** M. H. Young, J. Boak, R. Mandel, N. Dunbar, M. Timmons, R. Miller
- 11:30 **An Integrated Approach to Understanding Different Geotechnical Zones Using High Resolution Microseismicity in Deep Underground Mines, South Africa:** S. Mngadi, R. Durrheim, M. Manzi, H. Ogasawara

Theme 4: Geochemistry – From Exploration to Production (AAPG)

Ballroom E

Co-Chairs: J. Dahl, M. McCaffrey, and Y. Wang

- 8:00 **Introductory Remarks**
- 8:05 **Application of Diamondoids for Correlation of Very Mature Oil and Oil-Mixtures:** J. M. Moldowan, J. E. Dahl, D. M. Jarvie, D. D. Walker, H. Akbar, I. Yurchenko

- 8:25 **Advanced Biomarker and Diamondoid Correlations Identify Sources of Mixed and Altered Petroleum Charges in New Exploration Plays Across the Alaska North Slope:** P. Jarboe, J. Moldowan, S. M. Barbanti, J. E. Dahl, P. G. Lillis, D. W. Houseknecht
- 8:45 **Noble Gas, Hydrocarbon and Water Geochemistry of Groundwater in the Northern Appalachian Basin: Insights on the Mechanisms and Pathways for Hydrocarbon-Rich Brine Migration:** R. Kreuzer, T. Darrach, G. Mitra, R. J. Poreda
- 9:05 **Characterization of Rocky Mountain Paleozoic Oils – Not the Usual Suspects!:** J. E. Zumberge, J. B. Curtis*, S. W. Brown
- 9:25 **Refreshment Break**
- 10:10 **A Multiproxy Geochemical Approach to Unraveling Hydrocarbon Charge History of the Triassic Shublik Formation of Arctic Alaska:** I. Yurchenko, J. Moldowan, K. E. Peters, L. B. Magoon, S. Graham
- 10:30 **Evaluation of Downward Hydrocarbon Migration Model in Smackover-Norphlet Petroleum System in Mobile Bay, Alabama Using Trace Element Analysis of Pyrite:** S. W. Gomes, A. Weislogel, S. Kuehn
- 10:50 **Fluid Inclusions of Multi-Source Hydrocarbon Accumulation in Cambrian Dolomite Buried Hill and Its Significance for History of Hydrocarbon Accumulation: An Insight From Yaha Oilfield, Tarim Basin:** Q. Fang, H. Zhang, S. Fan
- 11:10 **Integrated Approach to Decipher Reservoir Fluids Processes and Monitor Production in the Tornado Development, Gulf of Mexico:** A. Stankiewicz, S. Mehay*, E. Mahmoodaghdam, J. Cassidy, B. Bennett, J. Nighswander, T. Wilkinson, B. Winkelman
- 11:30 **Fracturing Fluid and Rock: Best Friends or Sworn Enemies – Nano-Scale Chemical Reactions During Hydraulic Fracturing:** D. P. Cercone, J. Bargar, A. Jew

Theme 5: E&P in Compressional Belts (AAPG/PSGD)

Ballroom F

Co-Chairs: D. Medwedeff and G. Schoenborn

- 8:00 **Introductory Remarks**
- 8:05 **Finding Additional Oil Volumes by Structural Analysis, Section Balancing and 3-D Restorations in the Upper Magdalena Basin, Colombia:** D. R. Richards, C. Ceballos, A. Salamanca, J. W. Granath
- 8:25 **Lateral Variations in Compressional Structural Geometries Along an Active Plate Margin; The Assam-Arakan Fold-Thrust Belt of Northeast India:** D. D. Schelling
- 8:45 **High Fidelity Record of Orogenic Exhumation and Basin Subsidence Patterns Through Integrated Isotopic Analysis: Cacheuta Basin, South-Central Andes:** J. Mahoney, J. Suriano, D. Kimbrough, J. Mescua, L. Giambiagi, E. Buelow, B. Burton, J. Metcalf
- 9:05 **Late Cretaceous-Paleogene Foreland Basin Development in the Subandean Zone and Oriente Basin of Ecuador: Provenance, Geochronological and Structural Insights:** E. G. Gutierrez, B. K. Horton, C. Vallejo, L. J. Jackson, S. George
- 9:25 **Refreshment Break**
- 10:10 **Structural Wedge Model and the Antelope Uplift, West-Side of the San Joaquin Basin, California: The Possibility of Additional Large Hydrocarbon Traps:** T. L. Davis
- 10:30 **Beating the Bit – Using 2-D Structural Cross Sections to Drive Rapid Development of Highly Deformed Monterey in the Elk Hills Field, California:** C. Marshall, J. Namson
- 10:50 **Laramide Deformation and Flexural Effects in the Upper Cretaceous: A Basin in Transition:** K. W. Rudolph, J. Saylor
- 11:10 **“Thin-Skinned” and “Thick-Skinned” Structural Control on the Evolution of a Foreland Basin Petroleum System – Cabuyarito and Medina Anticlines, Eastern Cordillera Llanos Foothills, Colombia:** I. K. Hafiz, J. Kellogg, E. Saeid, Z. Albesher
- 11:30 **Effects of Fault Throw and Mechanical Stratigraphy on Fault Architecture in the Lenghu Fold-Thrust Belt, Qaidam Basin, Northeast Tibet:** Y. Pei, K. Wu, D. Paton, R. Knipe, L. Xie

MONDAY TECHNICAL PROGRAM

Monday Afternoon Oral Presentations

Theme 3: Global Unconventional Systems II (EMD/SEPM)

Room 150 D/E/F/G

Co-Chairs: W. Camp, J. Harrington, and R. Lindsay

- 1:15 **Introductory Remarks**
- 1:20 **Formulation of Appraisal Strategy and Process Workflow for Testing the Deep Unconventional Oxfordian-Callovian Age Reservoir of North Kuwait: A Case Study:** Q. Dashti, V. Kidambi, E. Quint
- 1:40 **Deducing Processes of Shale Deposition, Erosion, and Transport From Textural Attributes and Insights From Experimental Studies: Observations From the Middle Velkerri Member of the Beetaloo Basin, Northern Australia:** J. Schieber, S. Menpes, M. Archer, R. Johns
- 2:00 **Experimental Study of Hydraulic-Mechanical Coupling for Shale Under CO₂ Migration:** Y. Wang, J. Ji, X. Wang, M. Li, T. Wong
- 2:20 **Relationship Between Canister Desorption Behavior and Composition of Upper Paleozoic Shales in the Ordos Basin, Northwest China:** F. Xiong, M. Amooie, M. Soltanian, Z. Jiang, J. Moortgat
- 2:40 **Refreshment Break**
- 3:25 **Applied Petroleum Source Rock Evaluation and High-Resolution Sequence Stratigraphy for Unconventional Reservoirs in La Luna Formation (Cenomanian – Santonian) Northwest Maracaibo Basin, Venezuela:** A. Liborius Parada, R. P. Philp, R. Slatt
- 3:45 **Integrated Sedimentology and Sequence Stratigraphy Using Well Cuttings in the Upper Jurassic–Lower Cretaceous Quintuco-Vaca Muerta System, Neuquen Basin, Argentina:** L. Smith, G. Godino

- 4:05 **Assessing Unconventional Resource Potential of the Mesoproterozoic Roper Group, Beetaloo Sub-Basin Region, Australia:** T. Ruble, D. Revie, E. Roberts, E. Barcelona, N. Gupta, B. Hankins, C. Smith, C. Edgoose
- 4:25 **New Insights Into the Exploration Prospects of the Central and Northern Karoo Basin, South Africa:** B. Richards, L. Taylor, R. Levey, P. J. Mulligan
- 4:45 **Microseismic Monitoring: A Tool for Evaluating Hydraulically-Induced Fracture Network Complexity in Various Geological Settings:** J. Le Calvez, S. Hanson-Hedgecock, C. Fredd, M. Williams

Discovery Thinking Forum – Awakening Sleeping Giants

Room 151 A/B/C/G

Co-Chairs: C. Sternbach and P. Weimer

(See page 15 for more information on this special forum)

- 1:15 **Introductory Remarks**
- 1:20 **Unlocking the Secrets of Zama – The Discovery of a Giant Oil Field in the Shallow Waters of the Sureste Basin, Mexico:** J. Parker
- 2:00 **Brazilian Pre-Salt Province: History of Success and a Promising Future:** M. F. de Moraes, L. de Paula, J. A. Gil
- 2:40 **Refreshment Break**
- 3:25 **Nanushuk Formation Discoveries Confirm World-Class Exploration Potential in a Newly Proven Stratigraphic Play, Alaska North Slope:** P. L. Decker
- 4:05 **Case Study of a Large Conventional Oil Pool Discovery in a Mature Basin: The Upper Mannville of the Western Canada Sedimentary Basin:** R. Pinckston



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MONDAY TECHNICAL PROGRAM

Michel T. Halbouty Lecture (AAPG): The Discovery of the Pikka Field on the North Slope of Alaska

Room 151 A/B/C/G

Introduction: J. Gibbs

(See page 16 for more information on this lecture)

Speaker: William D. Armstrong, President, Armstrong Oil and Gas and Armstrong Energy

Theme 6: Seismic Imaging Applications (AAPG)

Ballroom A

Co-Chairs: B. Kilsdonk and T. Stieglitz

- 1:15 **Introductory Remarks**
- 1:20 **Revitalizing Seismic Facies Analysis:** H. Zeng
- 1:40 **New Offshore Exploration Opportunities Within the Salina Del Istmo Basin, Mexico:** F. Snyder, R. Ysaccis
- 2:00 **Brazil Pre-Salt: Role of Seismic Technology in Full Cycle Hydrocarbon Maturation Process:** A. Zarkhidze, J. Hernandez*, R. Ysaccis, L. Mulisheva, M. El-Toukhy
- 2:20 **Observations on Structural Styles in the Northern GOM (Flextrend Area):** W. Beck, M. El Hariri, A. M. Mast, H. D. Lebit
- 2:40 **Refreshment Break**
- 3:25 **Integration of Passive-Source Methods in Shell's Exploration of Albania's Fold-Thrust Belt:** D. L. Kirschner, E. McAllister, C. Davies, X. Campman, B. Duijndam, J. Li
- 3:45 **High Resolution Shallow Crustal Imaging Using Passive Seismic Dense Arrays:** F. Lin, K. M. Ward
- 4:05 **Seismic Evidence for Subsurface Sediment Remobilization and Fluid Flow Systems in Vema Dome Area of Vøring Basin, Offshore Mid Norway:** O. Owolabi, M. Huuse
- 4:25 **Enhancing Subsurface Imaging and Reservoir Characterization in the Marcellus Through Advanced Reprocessing of Wide Azimuth 3-D Seismic:** J. Zhu, C. Perll, T. Coulman
- 4:45 **Perdido Reimaging: Overview of Model Building and Imaging Challenges and Solutions:** K. Glaccum, S. Chen

Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)

Ballroom B

Co-Chairs: M. McGlue, C. Scholz, and M. Schuster

- 1:15 **Introductory Remarks**
- 1:20 **The Source-to-Sink Evolution of the Central Lake Malawi (Nyasa) Rift, East Africa and Implications for Deep-Water Lacustrine Reservoirs:** C. A. Scholz, D. Shillington
- 1:40 **Integrated Stratigraphy of the ~1.2 Ma Lake Malawi (East Africa) Scientific Drill Core 1B: Exploring New Evidence for Transitions in Lake-Basin Type:** M. McGlue, G. Ellis, S. Ivory, A. Cohen
- 2:00 **Distribution of Synrift Lacustrine Source Rocks and Reservoirs in Continental Rift Basins:** R. C. Shoup
- 2:20 **The Brown Shale Formation: Lacustrine Deposit in the Central Sumatra Basin (Indonesia):** R. Brito, R. Slatt
- 2:40 **Refreshment Break**
- 3:25 **The Rarity of Bifurcation in Shallow Lake Deltas: Implications for Reservoirs and Overall Delta Processes:** J. Holbrook, T. Howe
- 3:45 **Wave-Dominated Clastic Coasts in Lakes:** M. Schuster, A. Nutz, J. Ghienne, F. Bouchette
- 4:05 **Distribution and Relationships of Traces, Sedimentary Facies, and Physicochemical Conditions in Lake Eyre (Australia) and Lake Tanganyika (East Africa), and Their Comparison to Marine Systems: Implications for Ichnofacies, Paleoenvironmental, and Sequence Stratigraphic Analysis:** S. T. Hasiotis, M. Reilly, J. McPherson, S. Lang
- 4:25 **A Sequence Stratigraphic Perspective on the Murray Formation, a Martian Mudstone Succession in Gale Crater, Mars:** J. Schieber, K. Bohacs, Z. Yawar, M. Miniti, R. Williams, MSM Science Team
- 4:45 **Rapid Inundation of Gale Crater, Mars, by an Expanding Ocean:** E. Heydari, T. J. Parker, F. J. Calef III, J. F. Schroeder, J. Van Beek, S. Rowland, A. G. Fairen

Theme 1: Deep-Water System Interactions With Static and Dynamic Seafloor Topography, Relative Roles of Autocyclic and Allocyclic Modulation (SEPM)

Ballroom C

Co-Chairs: A. Fildani and I. Kane

- 1:15 **Introductory Remarks**
- 1:20 **The Stratigraphic Evolution of a Migrating Submarine Channel System in a Tectonically-Confining Basin: Driving Factors and Implications for Reservoir Prediction – The Gorgoglione Flysch Formation, Southern Italy:** C. I. Casciano, M. Patacci, C. Di Celma, S. Longhitano, M. Tropeano, W. D. McCaffrey
- 1:40 **Submarine-Channel Pathways and Reservoir Architecture in Response to Sedimentation and Salt-Related Structural Deformation:** J. Covault, C. Ceyhan, M. Hudec, Z. Sylvester, W. Fisher, D. Dunlap
- 2:00 **Carbonate Channel-Levee Systems Influenced by Mass-Transport Complexes, Browse Basin, Western Australia:** D. Dunlap, X. Janson, C. Sanchez Phelps, J. Covault
- 2:20 **Influence of Structural Styles on the Architecture, Stacking Patterns, and Evolution of Deepwater Systems: Insights From the Colombian-Caribbean Margin:** A. Ortiz-Karpp, J. Naranjo, P. A. Galindo Amaya, J. C. Llinas
- 2:40 **Refreshment Break**
- 3:25 **Persistent Sediment Entry Points to Deep-Marine Slope Systems: Stratigraphic Relationships and Up-Dip Pinch-Outs of a Coarse-Grained Slope System Overlying Carbonates:** I. Kane, A. D. McArthur, D. M. Hodgson
- 3:45 **Interaction of Multiple Deepwater Sediment Pathways With Evolving Seafloor Topography: Implications for Intra-Slope Reservoir Architecture. With Examples From the East Coast Basin of New Zealand:** A. D. McArthur, W. D. McCaffrey
- 4:05 **Channel and Lobe Interaction With Basin Floor Topography in Deep Water Rift Basins – Plio-Pleistocene Syn-Rift of the Corinth Rift, Greece:** M. Muravchik, G. A. Henstra, G. T. Eliassen, R. Gawthorpe, M. Leeder, H. Kranis, E. Skourtsos, J. Andrews
- 4:25 **Surficial (Topography) Matters: Channel to Lobe Transition Zone (CLTZs) Morphodynamics as a First Order Control on Submarine Lobe Sedimentation Patterns:** M. Tilston, J. T. Eggenhuisen, Y. Spychala, F. Pohl
- 4:45 **The Interplay of Channel-Levee Systems and Mass-Transport Complexes in the Pliocene-Quaternary Rakhine Basin, Offshore Myanmar:** D. Shao, F. Lyu, F. Guozhang, H. Ma, H. Wang, L. Ding, J. Covault

Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)

Ballroom D

Co-Chairs: S. Purkis and P. Tesch

- 1:15 **Introductory Remarks**
- 1:20 **Controls of Depositional Facies Patterns on a Modern Carbonate Platform: Guidelines for Stratigraphic Correlations in Ancient Systems:** P. M. Harris, S. J. Purkis, G. Cavalcante
- 1:40 **Hydrodynamic Control of Whitings and Mud Production on Great Bahama Bank:** S. J. Purkis, G. Cavalcante, L. Rothla, P. M. Harris, A. Oehlert, P. Swart
- 2:00 **Diverse and Spatially Extensive Microbial Mat and Ooid Sand Depositional System, Little Ambergris Cay, Turks and Caicos Islands:** J. Grotzinger, M. Gomes, U. F. Lingappa, N. Stein, E. Trower, J. Alleon, A. M. Bahniuk, M. Cantine, H. Grotzinger, K. Metcalfe, D. K. Morris, S. O'Reilly, E. Orzechowski, D. Quinn, C. Sanders, E. Sibert, J. Strauss, M. Tarika, M. Thorpe, W. Fischer, A. Knoll
- 2:20 **Late Guadalupian Evolution of the Delaware Basin: Insights From Stable Isotope and Trace Element Geochemistry:** B. P. Smith, C. Kerans
- 2:40 **Refreshment Break**
- 3:25 **3-D Reconstruction of Clinoform Geometries Using Drone-Based Photogrammetry, Upper San Andres Formation, Last Chance Canyon, New Mexico:** P. Tesch, J. Markello, M. Pope, R. Reece



Mark Your Calendar!

Important Award Deadlines
2018-2019

Grants-in-Aid

OPENS: 31 August 2018 | DEADLINE: 3 December 2018
The Grants-in-Aid Program provides financial assistance to graduate students (M.Sc. or Ph.D.) whose thesis research has application to the search for and development of petroleum and energy-mineral resources, and/or to related environment geology issues. **Grants range from \$500 to \$3,000 each.**

Teacher of the Year Award

OPENS: 31 August 2018 | DEADLINE: 1 February 2019
The AAPG Foundation will award \$6,000 to a U.S.-based K-12 teacher for Excellence in the Teaching of the Earth Sciences. **Nominate a teacher who had a tremendous impact on your choice to enter the geosciences, or apply today!**

L. Austin Weeks Undergraduate Grant Program

OPENS: 1 January 2019 | DEADLINE: 25 March 2019
The L. Austin Weeks Undergraduate Grant program provides \$500 grants to undergraduate students and geoscience student associations (student chapters and clubs) worldwide to help with tuition, books, field trips, and conferences.

Inspirational Geoscience Educator Award

OPENS: 1 January 2019 | DEADLINE: 1 April 2019
The Foundation will award \$6,000 to a college or university professor for Excellence in the Teaching of Natural Resources in the Earth Sciences. **Nominate a professor who impacted your career in geology today.**

Deana and Paul Strunk Military Veterans Scholarship Program

OPENS: 15 February 2019 | DEADLINE: 1 May 2019
The Military Veterans Scholarship Program (MVSP) is designed to support veterans pursuing geoscience education programs at a four-year college or university. Grants range from \$2,000 to \$4,000 each and are intended to provide financial assistance to veterans who are studying undergraduate level geoscience.

Learn more. Visit foundation.aapg.org



2018 Grants-in-Aid recipient Peter Schemper from The University of Texas at Austin.

- 3:45 **Reef Complex Development During Lowstand in Mixed Carbonate/Siliciclastic Systems – Seismic Evidence From the Browse Basin, Australia:** V. Abreu, D. Dunlap
- 4:05 **Depositional Sequences and Relative Sea-Level Change in Jamaica Determined by Biostratigraphic Data:** D. P. Gold, J. P. Fenton, M. Bent, D. Kay, M. Norman, N. Nembhard, H. Thompson
- 4:25 **Seismic Morphology of a Late Paleozoic Isolated Carbonate Platform: Karachaganak Field, Republic of Kazakhstan:** J. A. Parker, J. Bishop, S. Bachtel
- 4:45 **Early Post-Salt Differential Topography and Its Impact on Source Rock and Shallow-Water Carbonate Facies Distributions: Examples From the Jurassic of the North Atlantic and the Southern Gulf of Mexico:** N. Ettinger, R. Forkner*

Theme 4: New Applications and Workflows in Basin and Petroleum Systems Modeling (AAPG)

Ballroom E

Co-Chairs: T. Matava, M. McCaffrey, and N. Rigg

- 1:15 **Introductory Remarks**
- 1:20 **Petroleum System Evaluation, Mexican Perdido Fold Belt:** G. Murillo-Muñeton, A. España-Pinto, J. Rosales-Rodriguez, R. Castro-Govea, R. Torres, M. Bernabe, S. Ortega-Lucach, J. Mendez
- 1:40 **Pore Pressure Prediction From Basin Simulation of Heat and Fluid Flow: Application to a Realistic Earth Model in the Gulf of Mexico:** F. Medellin, M. Fehler, N. Louni, J. Laigle
- 2:00 **Structural Restoration and 2-D Basin Modeling in Fold and Thrust Belts – A Case Study From Western Newfoundland:** M. Schwangler, N. Harris, J. Waldron
- 2:20 **Fundamental Pressure Controls in Unconventional Petroleum Systems:** T. Matava, D. Jacobi, J. Sheremata
- 2:40 **Refreshment Break**
- 3:25 **Thermal Maturation Considerations and the Significance of Phytoclasts in the Upper Member of the Lodgepole Formation in the North-Western Williston Basin:** M. Dighans, M. K. Zobia
- 3:45 **Thermal Maturity Modeling of Organic-Rich Mudrocks in the Delaware Basin Using Raman Spectroscopy of Carbonaceous Material:** T. A. Manos, N. Perez
- 4:05 **Predicting API in Basin Modeling: New Kinetic Models:** F. Baur, S. Banerjee, D. Barber, J. Little, D. Goff
- 4:25 **Integrating Basic and Advanced Mud Gas Analysis With Classical Formation Evaluation for Enhanced Compartmental Characterization:** J. Kaiser, N. Ritzmann, T. Haldorsen, S. Wessling
- 4:45 **Variations in Organic Content of the Kolje Formation in the Western Barents Sea: A Stochastic Modeling Approach:** K. J. Zieba, M. Felix

Theme 8: Carbon Management (DEG/EMD)

Ballroom F

Co-Chairs: A. Grechishnikova, T. Irons, and B. McPherson

- 1:15 **Introductory Remarks**
- 1:20 **Methodology for Capacity Estimation for Waste Disposal and Carbon Management:** Y. Holubnyak, T. Birdie, T. S. Bidgoli, J. Hollenbach
- 1:40 **U.S. DOE's Economic Tools to Assess the Cost of CO₂ Capture, Utilization, Storage and Transportation (CCUS):** T. C. Grant, D. Morgan, D. Remson, A. Guinan, C. Shih, S. Lin, D. Vikara
- 2:00 **A Study of Multiphase Flow in CO₂-EOR: Impacts of Three-Phase Relative Permeability and Hysteresis Models:** W. Jia, B. McPherson, F. Pan, Z. Dai, N. Moodie, T. Xiao
- 2:20 **Leveraging a Legacy Sample and Data Collection for Carbon Storage Resource Assessment:** M. A. KunleDare, P. P. McLaughlin
- 2:40 **Refreshment Break**
- 3:25 **Assessment of Upper Cretaceous Strata for Offshore CO₂ Storage, Southeastern United States:** K. F. Almutairi, C. Knapp, J. Knapp, D. Terry
- 3:45 **Fluvial Channels and Boundary Conditions in Relation to the Success of CO₂ Geological Storage Into Deep Saline Aquifers at the Shenhua Site, Ordos Basin:** M. Nguyen, X. Zhang, N. Wei, J. Li, X. Li, Y. Zhang, P. Stauffer

*Denotes presenter is other than first author

MONDAY TECHNICAL PROGRAM

- 4:05 **Precambrian Basement Tectonics Beneath a CCS Site, Illinois Basin:** J. McBride, R. W. Keach, II, H. E. Leetaru
4:25 **Using Ultrasensitive Surface Detection to Evaluate Potential and Actual CO₂ Sequestration Sites:** R. Schrynemeeckers
4:45 **Project ECO₂S: Characterization of a World Class Carbon Dioxide Storage Complex:** D. E. Riestenberg, G. Koperna, R. Esposito

Monday Poster Presentations

Exhibit Hall 9:00 a.m. – 5:00 p.m.

(Presenters will be in their booths 9:30 a.m. to 11:00 a.m. and 2:30 p.m. to 4:00 p.m.)

AAPG Student Research Poster Session I

Co-Chairs: A. Janevski and B. Strickland

- P1 **Spatial-Temporal Evolution of Channelized Depositional Systems in the Cretaceous McMurray Formation, Alberta, Canada: Implications for Delineation of Oil Sands Reservoirs:** S. C. Horner, C. Hagstrom, H. Martin, S. Hubbard
P2 **Crustal Structure of Jurassic Oceanic Crust and Thinned Continental Crust Separating the Conjugate, Rifted Margins of Eastern Florida and the Yucatan Peninsula:** P. Lin, P. Mann
P3 **Controls on Carbonate Platform Growth Within the Lower Carboniferous of the Pennine Basin:** L. E. Manifold, C. Hollis, I. Korneva, R. Gawthorpe, A. Rotevatn, P. Burgess, I. Masiero
P4 **Application of a Training-Image Library to Fluvial Meandering Facies Models Using Multi-Point Statistics Conditioned on Analog-Based Forward Models:** J. M. Montero, L. Colombera, N. P. Mountney, N. Yan
P5 **Tectonic Controls on Along-Strike Variations in the Bathymetry, Width, and Structural Style of the Mexican Ridges Deepwater, Fold-Thrust Belt, Western Gulf of Mexico:** J. Kenning, P. Mann
P6 **A Novel Approach for the Sweet Spots Prediction of Shale Oil – A Case Study on the Es3^l Sub-Member of Bonan Sag, Jiyang Depression, China:** J. Li, S. Lu, M. Wang, G. Chen, C. Jiao
P7 **Re-Evaluating Petroleum Potential of the Birdbear Formation, Williston Basin in McKenzie County, North Dakota:** F. C. Nwachukwu, S. H. Nordeng, R. D. Le Fever, T. Nesheim
P8 **Unraveling the Impact of Sea-Level Changes and Early Diagenesis on the Reservoir Quality of Eocene Carbonates in Qatar:** B. H. Ryan, S. E. Kaczmarek, J. M. Rivers
P9 **Deep-Marine Reservoir Distribution Against the Flanks of a Syn-Depositionally Active Salt Diapir:** Z. A. Cumberpatch, I. Kane, E. Soutter, B. Kilhams, C. Jackson, D. Hodgson, M. Huuse
P10 **Establishing a Sequence Stratigraphic Framework for the Hare Indian and Canol Formations (Central Mackenzie Valley, Northwest Territories, Canada) by Integrating High-Resolution Chemostratigraphy With Sedimentological and Ichnological Datasets:** M. LaGrange Rao, B. Harris*, S. K. Biddle, K. M. Fiess, M. Gingras
P11 **Sedimentology and Palynology of Late Pliocene-Early Pleistocene Syn-Rift Succession, Corinth Rift, Greece:** G. T. Eliassen, M. Muravchik, R. Gawthorpe, G. A. Henstra
P12 **Laboratory-Based Lithological and Geomechanical Characterization of the Woodford Shale: A Tale of Two Rock Types:** D. Becerra, R. Slatt
P13 **The Origin of H₂S in Lower Cambrian Longwangmiao Dolomites in the Central Sichuan Basin, Southwest China:** P. Zhang, G. Liu, C. Cai, P. Gao
P14 **Sediment Routing of Deep-Water Syn-Rift Depositional Systems Across Faulted Terraces: Late Jurassic Lomre-Uer Terraces, North Sea Rift:** F. Tillmans, R. Gawthorpe, A. Rotevatn, C. A. Jackson, G. A. Henstra, W. Helland-Hansen
P15 **Coeval Structural Evolution of Late Mesozoic Gravity Slides on the Northern Yucatan and Northeast Gulf of Mexico Conjugate Margins With Implications for Late Jurassic Reservoir Distribution:** A. Steier, P. Mann

SEPM Student Research Poster Session I

Co-Chairs: H. Harper and J. Sarg

- P16 **Sedimentologic and Stratigraphic Investigation of Carboniferous Formations in Northern Utah and Central Montana: A Record of Late Paleozoic Climate Change:** J. Ahern, C. Fielding
P17 **Facies Architecture and Sequence Stratigraphy of the Lower and Middle Triassic of Western Canada Sedimentary Basin:** C. M. Furlong, M. Gingras, J. Zonneveld
P18 **Influence of Ocean Redox Conditions and Carbonate Saturation State on Carbonate Factories and Platform Architecture: Examples From the Permian and Triassic Nanpanjiang Basin, South China:** X. Li, N. Adams, L. Stepchinski, K. Lau, D. Lehrmann, M. Minzoni, M. Yu, J. Payne
P19 **High-Resolution Depositional and Sequence Stratigraphic Analysis of the Woodford Shale Combining Sedimentary Facies, Elemental Chemostratigraphy, and Organic Contents:** H. A. Galvis Portilla, R. Slatt
P20 **Tectonic Uplift of the Wet Mountains and Southern Front Range in the Mesozoic Inferred From Detrital Zircon U-Pb Geochronology of Middle to Upper Jurassic Strata in the Paradox Basin, Western Colorado:** J. I. Ejembi, S. L. Potter-McIntyre
P21 **Characterization of a Seismic-Scale, Outcropping Channel-Levee Complex, Tres Pasos Formation, Southern Chile:** S. A. Kaempfe, B. W. Romans, S. Hubbard, L. Stright, B. G. Daniels, S. Southern
P22 **Early-Mid Holocene Cultural and Climate Shifts in Northwest Africa: Paleoenvironmental Reconstruction Using Stable Isotopes of Land Snail Shells:** A. Padgett, Y. Yanes, D. Lubell
P23 **Stratigraphic Evolution of a Submarine Slope Channel Complex Set: Implications for Reservoir Connectivity and Reservoir Quality Distribution:** D. Bell, I. Kane, A. Ponten, S. Flint, D. M. Hodgson
P24 **Climate of Mid-Latitude Northeast Pangea in Early Permian, Southern Bogda Mountains, Northwest China: Evidence From Sedimentology and Organic Geochemistry:** X. Zhan, W. Yang, F. Qiao, H. Lu, Y. Zhang
P25 **Detailed Petrographic Studies of the Late Cretaceous Tununk Shale Member of the Mancos Shale Formation: Prevalence and Types of Mud-Dominated Composite Particles in Mudstones:** Z. Li, J. Schieber
P26 **Sequence Stratigraphic Architecture and Favorable Reservoir Sandbodies of the Hanjiang Formation on the Northern Slope of the Baiyun Sag, Pearl River Mouth Basin:** J. Zhou, Y. Wang, M. He, W. Chen
P27 **Response of Unconfined Turbidity Currents to Complex Bathymetry in Deepwater Fold and Thrust Belts:** D. M. Howlett, Z. Ge, R. Gawthorpe, W. Nemeč, A. Rotevatn
P28 **Comparing Source Rock Maturity With Pore Size Distribution and Fluid Saturation in the Bakken-Three Forks Petroleum System of the Williston Basin:** A. Adeyilola, S. H. Nordeng
P29 **Paleodischarge and Sediment Budget Analysis of the Late Cretaceous Torrvio Sandstone, San Juan Basin, New Mexico, U.S.A.:** S. Sharma, J. P. Bhattacharya
P30 **Stratigraphic and Sedimentological Evidence for Accelerated Washover Rates: Case Study of Follets Island, Texas:** C. I. Odezulu, J. Lorenzo-Trueba, D. J. Wallace, J. B. Anderson
P31 **Water Chemistry Evolution of the Green River Formation, Piceance Basin: A Signal Extracted by Mineral Assemblage in Different Lake Stages:** T. Wu, J. Boak
P32 **Three-Dimensional Geometry and Reconstruction of a Backwater Trunk-Tributary, in the Cretaceous Ferron Sandstone, Utah:** D. Kynaston, J. P. Bhattacharya
P33 **Understanding Sediment Supply to the Atlantic Margin (Maryland and Delaware, U.S.A.) During Paleocene-Eocene Thermal Maximum:** A. Shamsul Anuar, L. Hajek, S. Trampush
P34 **3-D Characterization of Sandy, Upstream Accreting, Slope Turbidites in the Fish Creek-Vallecito Basin (California, U.S.A.): Antidunes, Cyclic Steps, and More From a Proto-Gulf of California Deepwater Supercritical Fan:** L. M. West, R. Steel, C. Olariu

MONDAY TECHNICAL PROGRAM

Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture I (SEPM)

Co-Chairs: L. Hajek, D. Hodgetts, and K. Straub

- P35 **Experimental Characterization of the Conversion of Dilute Turbidity-Currents Into Transitional-Flows at the Channel to Lobe Transition:** E. Prokocki, D. Mohrig, J. Buttles, A. Ponten
- P36 **Quantitative Prediction of Three-Dimensional Facies Architecture and Heterogeneity in Meandering Fluvial Successions:** N. Yan, N. P. Mountney, L. Colombera
- P37 **Three-Dimensional Modeling of Facies Architecture and Connectivity Variations of Meandering River Successions in Evolving Rift Basins:** N. Yan, L. Colombera, N. P. Mountney
- P38 **Upstream Control in a Coastal-Plain Fluvial Setting: An Architectural and Stratigraphic Analysis of the Campanian Masuk Formation:** A. M. Hess, C. Fielding
- P39 **Sea Level Fluctuations as the Primary Control on the Emplacement of a Deltaic Clinoform Package in an Active Rift Setting:** G. A. Henstra, M. Muravchik, R. Gawthorpe, A. Rotevatn, J. M. Munoz-Barrera, S. H. Berg
- P40 **Quantitative Outcrop Characterization of Incised Valley Fill Combining UAV-Based Photogrammetry and Traditional Geologic Field Methods:** C. Meirovitz, L. Stright, C. Johnson
- P41 **Stratigraphic Evolution of the Eolian Navajo Sandstone, Southeast Utah:** P. Sansom
- P42 **Studies in Contemporary Sand Seas Inform Better Reservoir Models:** C. Hern, D. Tatum, R. Westerman, G. Kocurek, S. Fryberger
- P43 **Facies Architecture of an Ancient Distributary Channel Complex, Cretaceous Gallup Sandstone, New Mexico:** C. Ferron, J. P. Bhattacharya

Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture II (SEPM)

Co-Chairs: L. Hajek, D. Hodgetts, and K. Straub

- P44 **Quantification and Prediction of Braided Fluvial Systems Using Digital Outcrop Models:** D. M. Taylor, D. Hodgetts, J. Redfern, J. Richardson
- P45 **Quantitative Spatial Variability of Dune and Interdune Facies in the Aeolian Navajo Sandstone, U.S.A.: Implications for Reservoir Characterization:** D. Cousins, S. Clarke, P. Richards, C. L. Priddy
- P46 **Outcrop-Based Geological Modeling of Fluvio-Deltaic Successions From the Middle Jurassic Ravenscar Group, Yorkshire, Northeast England:** M. M. Rahman, J. A. Howell, D. Macdonald
- P47 **Relationships Between Fluvial Architecture and Fault Growth in Continental Rift Settings: A Database Approach:** D. J. Somerville, N. P. Mountney, L. Colombera, R. Collier
- P48 **Reconstructing 3-D Fluvial Channel Belt Stratigraphy Using Time-Lapse Satellite Images:** R. Sech
- P49 **Understanding Fluvial to Shallow Marine Clastic Reservoirs From Modern Analogues Resolved by GPR and Drone Imagery:** P. D. Duff
- P50 **A Two-Dimensional, High-Resolution Model of Submarine Channel Sedimentation: Implications for Heterogeneity:** Z. Sylvester, J. Covault, C. Pirmez
- P51 **What's That You Splay – A Depositional Model for the Humid Terminal Splay? A Comparative Analysis of the Modern Rio Seco, Argentina and the Cretaceous-Paleocene Raton Formation, Colorado:** R. J. Horner, G. McGregor, J. Holbrook
- P52 **The Impact of Bed-Scale Sedimentary Heterogeneities on Oil Recovery in Basin-Plain Thin-Bedded Turbidite Successions:** B. A. Omoniyi, D. Stow

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MONDAY TECHNICAL PROGRAM

Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture III (SEPM)

Co-Chairs: Z. Jobe, A. McArthur, and N. Nieminski

- P53 **Applications of Virtual and Augmented Reality in the Petroleum Geosciences:** D. Hodgetts
- P54 **Understanding Frequency Decomposition Results Using Forward Modeling to Correlate Geology With Frequency Responses:** H. M. Garcia, R. Moore
- P55 **The Catchment-Integrated Response to Rapid Climatic Warming During the Paleocene-Eocene Thermal Maximum: Wilcox and Claiborne Groups, Gulf Coast U.S.A.:** G. Sharman, P. Flaig, P. Fussee-Durham, T. Larson, J. Covault*
- P56 **Scaling Relationships of Channel-Lobe Deposits in Large Fluvial Fan Systems: Implications for Subsurface Reservoir Prediction:** J. Wang, P. Plink-Bjorklund, Z. Jobe
- P57 **Combining Terrestrial Photogrammetry, Applied Sedimentology and Hand-Held Gamma Ray Spectrometry to Characterize the Cretaceous Lower Castlegate Formation, Tuscher Canyon, Utah, U.S.A.:** A. J. Mitten, S. Clarke, J. K. Pringle, P. Richards
- P59 **Three-Dimensional Architecture of Modern Large-Scale Fluvial Systems Incorporating Geological, Geophysical and Geotechnical Investigations: An Example From Varanasi City, Central Gangetic Basin, India:** A. Shaw, O. Wakefield, A. Newell, M. Layek, P. Das, A. Mukherjee, P. Sengupta, A. Finlayson, M. Smith, J. Sen
- P60 **Controls on Fluvial and Lacustrine Facies and Stacking Patterns of the Paleocene-Eocene Hanna Formation, Hanna Basin, Wyoming:** P. Flaig, G. Sharman, A. F. Wroblewski, J. Covault
- P61 **Estuarine Deposits of the Neslen Formation Near Harley Dome, Book Cliffs, Utah: An Outcrop Analogue for Heterolithic, Tidally Modified Estuarine Channels and Tidal Flats:** A. Murphy, P. Flaig*, S. T. Hasiotis

Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture IV (SEPM)

Co-Chairs: Z. Jobe, A. McArthur, and N. Nieminski

- P63 **Simplicity Versus Complexity in Lobes Deposited by Transitional Sediment-Gravity Flows: Results From 3-D Flume Experiments:** W. Koo, D. Mohrig, J. Buttles, D. M. Sturmer, A. Ponten
- P64 **Heterolithic Bedding Formed by Froude Supercritical Flow Bedforms With Broad Grainsize Distributions:** K. Ono, M. Cartigny, J. T. Eggenhuisen, P. Plink-Bjorklund, E. Jones*
- P65 **Detrital Zircon Geochronology: A Novel Approach for Stratigraphic Correlation of Late Mississippian-Early Pennsylvanian Strata in Southwestern Kansas and Northwestern Arkansas:** T. S. Bidgoli, W. Wang, A. Moeller, D. F. Stockli
- P66 **Soft-Sediment Deformation Features and Their Influence on Fluid Flow and Reservoir Characteristics: Jurassic Navajo Sandstone, Southeast Utah:** M. A. Chan, D. F. Wheatley, S. T. Hasiotis, J. T. Parrish
- P67 **Reservoir Architecture and Economic Implications of the Trail Member Fluvial Sandstones, Ericson Sandstone, Mesaverde Group:** A. D. Bertoch, B. Steeves, S. Hudson, A. A. Treviño, C. A. Jolley
- P69 **Sedimentology and Stratigraphy of the Middle Jurassic Dhurma Siliciclastic Deposits: Northern Central Arabia, Saudi Arabia:** A. Al-Hussaini, R. Steel, J. Melvin, C. Olariu, N. Hooker, K. Ertug
- P70 **Pore-Filling Clays and Their Impact on Reservoir Quality Parameters in Pennsylvanian Sandstones of the Anadarko Basin, Oklahoma:** J. Coe, B. Segvic, G. Zannoni
- P71 **Coarse-Grained, Jurassic Fluvial-Tidal Deltas in a Tectonically Active Basin: Lajas Formation in Southern Neuquen Basin, Argentina:** E. Jung, R. Steel, C. Olariu
- P72 **Are Bed Thickness Statistics From Well Bores Valuable for Assessing Flow Confinement in Turbidite Basins? Experimental Insights From Tertiary Basins of Apennines (Italy):** M. Marini, F. Felletti, S. Milli, M. Patacci, W. D. McCaffrey

Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)

Co-Chairs: P. Desjardins and K. Taylor

- P73 **Using UAV Photogrammetry to Quantify Differential Cementation of Turbidite Sandstones: An Example From the Gremiasco System (Upper Oligocene, Tertiary Piedmont Basin of Northwest Italy):** M. Marini, G. Della Porta, F. Felletti, V. Casella, M. Franzini
- P74 **Three-Dimensional Quantitative Characterization of Pore Throat Space of Low and Ultra Low Permeability Sandstone Reservoir in Bohai Bay Basin by Combined Constant Velocity Mercury Injection and X-CT:** L. Wan, L. Tian, C. Niu, Q. Wang, X. Liu
- P75 **Provenance and Porosity of Onshore Reservoir Sandstones of the Anticosti Basin, Western Newfoundland, Canada, Using Scanning Electron Microscopy Combined With Mineral Liberation Analysis (SEM-MLA):** S. Lode, L. Beranek, D. Grant, D. Goudie
- P76 **Evaluation of Clay Mineral Distribution Within the Bute Inlet Turbidity System, British Columbia, Canada:** C. McGhee, S. Acikalin, S. Hage, M. Azpiroz-Zabala, M. Cartigny, J. H. Clarke, J. Hunt, G. Lintern, D. R. Parsons, C. Stacey, E. Sumner, P. Talling
- P77 **Lithofacies Prediction and 3-D Geological Model in Tight Gas Sandstone Reservoirs by Integration of Well Logs and Geostatistics Modeling:** B. Cao, X. Luo, L. Zhang, Y. Lei, B. Qin, Z. Zhang
- P78 **Diagenetic Evolution and Mass Transfer of Deep-Water Mudstones in the Middle of the Third Member of the Shahejie Formation in the Dongying Sag, Jiyang Depression, Eastern China:** T. Yang, Y. Cao, K. Liu, Y. Wang
- P80 **Reservoir Characterization of the Permian White Rim Sandstone: Outcrop and Core Assessment for Carbon Capture and Sequestration:** S. Hollingworth, D. F. Wheatley, M. A. Chan, P. A. Steele

Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)

Co-Chairs: P. Desjardins and K. Taylor

- P81 **How Hard? How Porous? How Permeable? Compositional and Diagenetic Control of Physical Properties in Highly Siliceous Sedimentary Rocks of the Miocene Monterey Formation, California:** R. Behl, R. Weller, T. Kassa
- P82 **SEM Petrography of Organic Matter in the Devonian-Mississippian New Albany Shale and Its Implication for Organic Pore Development With Thermal Maturation:** B. Liu, J. Schieber, M. Mastalerz
- P83 **Natural Microfractures in Quartz Grains: A New Tool to Evaluate Maximum Paleo Effective Stress and Overpressure Onset in Sandstone Reservoirs:** K. Mehrkian, J. Girard, O. Chailan, C. Aubourg, G. Hoareau, M. Artzrouni, S. Dossou-Gbete
- P85 **Multi-Attribute Analysis of Six Upper Cretaceous and Jurassic Structural Closures in Belo Profundo, Morondava Basin, Offshore West Madagascar:** I. Ayodele, J. E. Smith*, A. Orimolade, G. Penfield, B. Falaye
- P86 **Depositional Processes and Multi-Scale Variability Within the Mudstone-Dominated Early Jurassic Mudstones, Cleveland Basin, United Kingdom:** N. ElSayed, K. Taylor
- P87 **Diagenetic Sequence, Genetic Mechanism and Hydrocarbon Charge of Silurian Tight Sandstone Reservoirs in the Eastern Tarim Basin, Northwest China:** J. Guo, Z. Jiang, W. Wang
- P88 **Diagenetic Controls on Reservoir-Scale Enhanced Oil Recovery and CO₂ Storage: A Case Study of the Morrow Sandstone, Farnsworth Unit, Texas:** L. Rasmussen, T. Dewers, J. Heath, A. Luhmann, W. Ampomah, M. Cather, P. Mozley, R. Grigg
- P89 **Trace Element Geochemistry of Late Pennsylvanian Shales of the Anadarko Basin (Oklahoma) – Implications for Sediment Provenance and Shale Diagenesis:** G. Zannoni, B. Segvic, A. Moscariello, D. Sweet
- P90 **Tight-Reservoir Micropore Formation and Evolution in Sedimentary Organic-Matter-Bearing Tuff: A Case Study From the Permian Tiaohu Formation in the Santanghu Basin, Northwest China:** J. Ma, Z. Huang

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Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)

Co-Chairs: L. German and D. Tripathy

- P91 **Mechanism of Hydrocarbon Accumulation and Enrichment of Tuffaceous Tight Oil With Separate Reservoir and Source Rock: A Case Study of Tuff Reservoir From the Permian Tiaohu Formation in the Santanghu Basin, Northwest China:** Z. Huang, J. Ma*
- P94 **Novel Insights to the Unconventional Reservoir: Unlocking the Mystery of GOR Variations:** D. A. Wavrek, S. Field
- P95 **Evidence the Eagle Ford Reservoir Principally Produces Migrated Oil on the San Marcos Arch:** A. S. Kornacki
- P96 **Searching for Sweet Spot: Multi-Facies and Multi-Scale Approach for Gas Shale Reservoir Characterization:** A. Avanzini, P. Balossino, M. Brignoli, E. Spelta, C. Tarchiani
- P97 **Tight Gas Reservoir in the Upper Triassic Sichuan Basin, Western China:** Q. Li
- P98 **Characteristics of Shale Lithofacies Evolution in the Wufeng-Longmaxi Formation and Its Controls on Shale Gas Productivity:** Z. Hu, W. Du, C. Sun, R. Bian, J. Wu, T. Zhu
- P99 **Predicting Recoverable Liquid-Rich Sweet-Spots With PVT Phase Kinetic Modeling: Vaca Muerta Shale, Neuquén Embayment:** G. Pérez-Drago, M. Alvis, P. Chenet, F. Medellin
- P100 **Acoustic Facies Characterization, Vaca Muerta Formation, Argentina:** R. J. Weger, M. Yükses, P. Swart, G. Eberli
- P101 **Applications of Diamondoids to Unconventionals:** J. E. Dahl, J. Moldowan, D. Koskella, H. LaReau

Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)

Co-Chairs: I. McGlynn and T. Tuttle

- P102 **"Sweet Spot" Identification and Optimization in Unconventional Reservoirs:** J. Aldrich, J. Seidle
- P103 **Biotic and Sedimentological Attributes of the Organic-Rich Shales – Is it a Sufficient Tool for Sweet Spot Identification? An Example From the Polish Ordovician-Silurian Unconventional Petroleum System:** T. Podhalanska, J. Roszkowska-Remin, A. Feldman-Olszewska, M. Janas
- P104 **Evaluation on the Adsorbed and Free Oil in Lacustrine Shales:** J. Li, S. Lu
- P105 **Identification of Volcanic Ash Beds Using In-Situ Rock Mechanical Properties – A Comparison With Core Data in the Lower Austin Chalk and Eagle Ford Reservoirs:** A. Hildick, S. Neale
- P106 **A New Logging Model for Assessing Adsorbed Gas Content of Continental Shale and Its Application:** Y. Liu, D. Chen, N. Qiu, J. Fu
- P107 **Geologic and Well Performance Analysis of the Haynesville Shale in East Texas and North Louisiana:** B. Johnston
- P108 **Improved Geomechanical and Hydraulic Fracture Calibration Workflow for Unconventional Wells:** P. Pankaj, P. Shukla
- P109 **Characteristics and Influencing Factors of Shale Gas Performance in Weiyuan Gas Field, China:** Y. Wan, X. Li, Y. Su, X. Zhang, F. Liang
- P110 **Characterization of Limestone Interlayers in Marcellus Shale and Its Effect on Production in Southwestern Pennsylvania:** G. Wang, A. Shahkarami, Q. He
- P111 **Redefining the STACK Play From Sub-Surface to Commercialization: Identifying Stacked Pay Sweet Spots in the Northern Anadarko Basin:** L. Droege, H. Vick
- P112 **Finding the Sweet Spot Unconventional Resources Using Onsite Isotope Analysis and Tight Oil Analysis During Drilling in the Anadarko Basin, Oklahoma:** A. C. Sneddon, S. Wu
- P113 **Investigation of Oil-Bearing Pore Size Distribution—Take Damintun Sag for Example:** G. Chen, S. Lu, M. Wang

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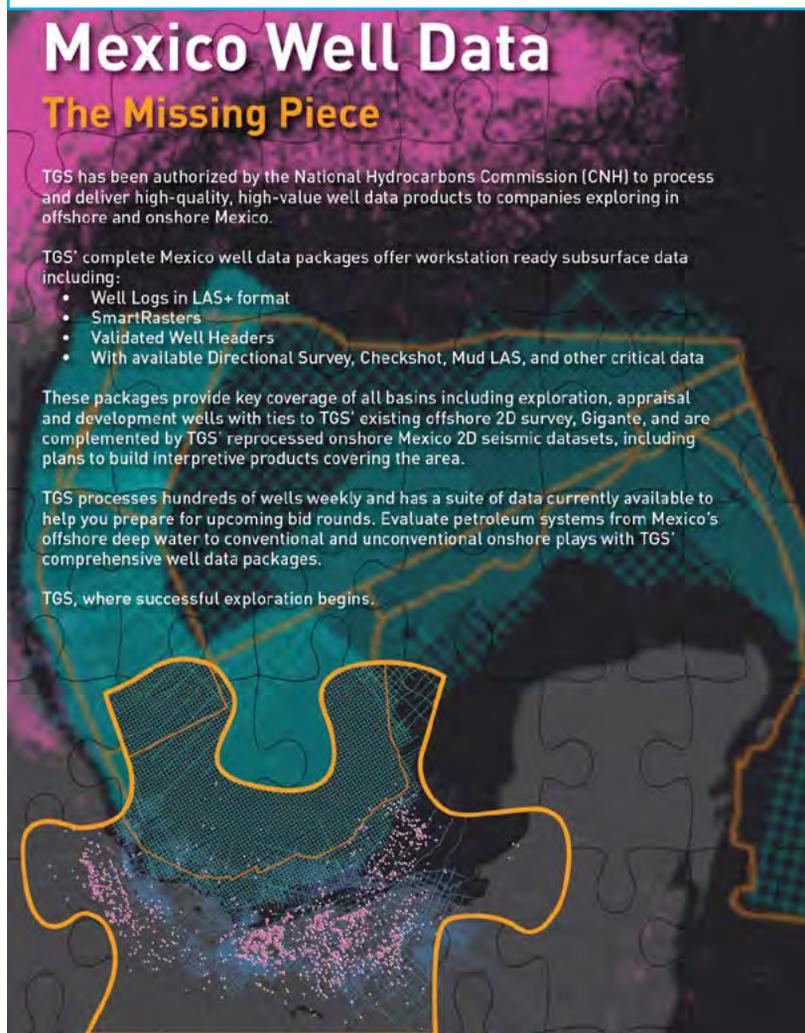
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MONDAY TECHNICAL PROGRAM

Theme 4: Source Rocks: Composition, Kinetics, and New Methods (AAPG)

Chair: M. Slack

- P115 **Determination of Source Rock Kinetic Parameters for Petroleum Systems Modeling of the Mexican Perdido Fold Belt:** S. Ortega-Lucach, G. Murillo-Muneton, R. di Primio
- P116 **Regional Paleoenvironmental Influence on OM Sequestration and Carbon Isotope Segment C5 in the Hemipelagic Sequence at the EL Pujal Section, Organyà Basin, Northeast Spain:** J. Socorro, F. J. Maurrasse
- P117 **Effect of Pore Fluids on Methane Adsorption in the Lower Bakken Shales, Williston Basin, U.S.A.:** X. Tang, T. Zhang, X. Sun, C. Wu
- P119 **Using XRF Data to Estimate XRD Mineralogy and TOC as an Exploration Tool:** A. Thapalia, M. Tobey, R. Newhart
- P120 **Methodology and Interpretation for Rare Earth Elements (REE) in Various Hydrocarbons:** V. M. Stevanovic, D. Patrick
- P121 **The Geochemical Origin, Hydrocarbon Accumulation, and Fluids Prediction of Multiple-Phase Reservoirs in the East Tabei Uplift, Tarim Basin, China:** Z. Zhang, G. Zhu

Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)

Co-Chairs: V. Egorov and T. Martin

- P123 **Subsurface Structure in Southeastern Gulf of Mexico From Integrative Geophysical Analysis:** L. R. Hartford, I. Filina
- P124 **Reconstruction of a Holocene Carbonate Strand Plain From Integration of High-Resolution GPR and Carbon-14 Dating:** K. Markert, J. McBride, S. M. Ritter, D. Tingey
- P125 **Potential Fields Modeling in the Northeastern Gulf of Mexico:** M. Liu, I. Filina
- P126 **Detection and Avoidance of Karst Related Shallow Geohazards Using Ultra High Resolution Full Tensor Gravity Gradiometry in the Delaware Basin, Texas:** R. A. Morgan, G. Jorgensen, S. Payton, K. W. Stafford
- P127 **Unconventional Geophysics for Hydrocarbon Exploration: An Example From the Michigan Basin:** R. Hearst
- P128 **Seismically Guided Inversion of Magnetotelluric, Gravity, and Magnetic Data in Yamagawa Geothermal Area, Japan:** M. Endo, A. Gribenko, D. Sunwall, M. S. Zhdanov, T. Miura, H. Mochinaga, N. Aoki, T. Mouri
- P129 **Mapping Subsurface Faults With Lightning and Resistivity:** L. J. Berent
- P130 **Multi-Point Statistics Inversion: The Test and Evaluation of a New Approach:** Y. Yin, W. Feng, L. Zhao, S. Liu, J. Huang
- P131 **Integration With Non-Seismic Methods: An Example From the Northern Gulf of Mexico:** I. Filina
- P132 **Using Surface-Based Electromagnetic Imaging to Identify Geologic Controls on the Extent of Fluid Emplacement During Hydraulic Fracturing Operations:** M. S. Hickey, S. Treviño, K. Elsbury
- P133 **Integrated EM Technologies Map Contamination Plumes, Seeps, Geohazards – Faults and Possible Migration Pathways – at Barite Hills/Nevada Gold Fields EPA Superfund Site in South Carolina, U.S.A.:** K. S. Haggard, H. R. Nelson, L. J. Berent
- P134 **Three-Dimensional Inversion of Airborne Time-Domain Electromagnetic Data for the Exploration of Geothermal Resources:** M. Endo, L. Cox, M. S. Zhdanov, A. Johmori, Y. Sasaki, T. Mouri, SEGJ Airborne Geophysics Research Committee
- P135 **3-D Inversion of Magnetotelluric Data Collected for Hydrothermal Exploration:** A. V. Gribenko, M. S. Zhdanov, M. Endo

Theme 6: Searching for and Discovering Stratigraphic Traps (AAPG)

Chair: T. Chisholm

- P136 **Oil Below Water: Perched Water and High Order Sealing Elements, Implications for Exploration in Stratigraphic Traps:** M. Lee, C. Clechenko
- P137 **Seismic Geomorphology by Spectral Decomposition Volume Interpretation for Basin-Scale Depositional System Delineation, Cuyo Group, Argentina:** T. Santana, D. L. Sanchez, W. Brinkworth

- P138 **Detection of Fluvial Systems Using Spectral Decomposition (Continuous Wavelet Transformation) and Seismic Multi-Attribute Analysis – A New Potential Stratigraphic Trap in the Carbonera Formation, Llanos Foothills, Colombia:** E. Saeid, J. Kellogg, C. Kendall, I. K. Hafiz, Z. Albeshar
- P139 **Heavy Oil Stratigraphic Traps Modified by Contractional Deformation in the Colombian Eastern Foothills:** C. Villamizar, J. Gelvez, E. Cardozo, A. Mora, V. Caballero, J. Ortiz, A. Velasquez, F. de la Parra
- P140 **Recent Yucatan Seismic Survey Revealing a New Frontier Exploration in the Gulf of Mexico:** E. Gomez, M. Doe, S. Villarroel, K. Noel, R. Ysaccis, D. Kornpihl, M. El-Touky, G. Forrest
- P141 **Stratigraphic Traps in the Llanos Basin of Colombia – Styles and Petroleum Systems:** A. Mora, C. Villamizar, E. Cardozo, V. Caballero, J. Gelvez, R. Gomez, S. Lozada, A. Valencia, R. Beltran, M. Franco, M. Tejada

Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies I (AAPG/PSGD)

Co-Chairs: J. Granath and C. Pollock

- P142 **Permeability Architecture of the Hidden Valley Fault Zone in the Glen Rose Formation: Canyon Lake Gorge, Comal County, Texas:** R. N. McGinnis, D. A. Ferrill, G. R. Walter, S. Johnson, M. K. Todt
- P143 **Structural Architecture Below the North Slope's Sub-Mississippian Unconformity: Constraints From Geological Mapping in the Brooks Range, Alaska:** B. G. Johnson, W. P. Frier, G. J. Hammond, J. Toro
- P144 **Restoration of a Crustal-Scale Trans-Colorado Rocky Mountains Cross Section in the Interstate-70 Corridor:** J. W. Granath, E. J. Sterne, R. G. Reynolds, S. P. Cumella, J. J. Miller
- P145 **Tectonic Versus Non-Tectonic Origin of Complex Fault and Fracture Patterns in the Niobrara Formation, DJ Basin, Colorado:** C. Luneburg
- P146 **The Role of the Western Laurentia Plate Margin in the Ancestral Rocky Mountains Orogeny: Insights From Tectonic Subsidence Analysis:** D. M. Sturmer
- P147 **Tectonic Subsidence Analysis and Evolution of the Pennsylvanian to Early Permian Oquirrh Basin, Utah:** A. Jones, D. M. Sturmer
- P148 **Identifying Underdeveloped Oil and Gas Resources on the West Flank of the Appalachian Basin on the Nashville and Jessamine Domes in Tennessee and Kentucky Using GIS Databases:** K. S. Boling, R. Hatcher, G. Bible, P. Lemiszki, A. Wunderlich, M. Strissel

Theme 5: New Structural Insights: Onshore North America and Integrated Structure & Basin Analysis: Regional Studies II (AAPG/PSGD)

Chair: D. Richards

- P149 **Structural Restoration in Sedimentary Basins: A Tool to Analyze the Evolution of Adjacent Plate Boundaries –The Case Study of the Levant Basin and the Dead Sea Transform:** R. Ghalayini, J. Abi Khalil, W. Chbat
- P150 **Structural and Kinematic Analyses Across the Dinarides Mountain Chains in the Mediterranean Orogen: Inferences on the Petroleum Potential:** M. van Unen, L. Matenco, F. H. Nader, R. Darnault
- P151 **Provenance and Thermal-Burial Histories of Upper Jurassic Reservoir Sandstones, Terra Nova Field, Offshore Newfoundland: The Source-to-Sink Evolution of a North Atlantic Rift Basin:** A. Hutter, L. Beranek
- P152 **Seismic Fault Mechanical Stratigraphy of a Complex Impact Structure, Chukchi Sea, Offshore Alaska:** A. Ruiz Lozano, J. D. Pigott, L. Niglio
- P153 **Structure, Tectonics, and Petroleum Systems Offshore Newfoundland:** P. J. Webb, D. Sagi, K. Wilson, S. Cheyney, D. Tierney
- P154 **Tectonic Evolution of the Durban/Zululand Basin: Implications for Exploration in a Poorly Understood Frontier Margin:** D. Paton, A. Coventry, K. Rodriguez, M. Bhattacharya, G. Duval, E. Mortimer, M. Gouiza

MONDAY TECHNICAL PROGRAM

- P155 **Reconstructing Basin Evolution Through Unconformities: Hiatus Mapping Across the Northern Alpine Foreland Basin:** E. C. Yildirim, A. Friedrich
- P156 **Evolution History of the Cretaceous Gyeongsang Basin, Southeast Korea: Evidence From U-Pb Detrital Zircon Ages and Comparison With Southwest Japan:** T. Lee, K. Park*, Y. Song
- P157 **3-D Structural Modeling and Restoration of the Western Sicilian Fold-and-Thrust Belt:** M. Balestra, W. Sassi*, J. Rudkiewicz, S. Corrado, M. Gasparo Morticelli, A. Sulli
- P158 **Differential Tectonic Deformation and Controlling Factors on Deep and Shallow Strata in the Kelasu Structural Belt, Kuqa Depression, Northwest China:** X. Kong, Q. Luo, C. Zhang
- P159 **Stages of Development of Jaccobabad-Khairpur High and Its Impact on Petroleum Plays of the Region, Southern Indus Basin, Pakistan – An Overview Based on Well Data:** N. Ahsan, F. Shah, M. A. Miraj
- P160 **Fault Reactivation in the Southern North Falkland Basin: Complex Fault History or Partitioned Transtension?:** D. J. McCarthy, T. J. Dodd

Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)

Co-Chairs: K. Bohacs, D. Cupertino, and P. Homewood

- P161 **Sand-Rich, Lacustrine Turbidite Fans of the North Falkland Basin, South Atlantic: An Emerging Hydrocarbon System:** T. J. Dodd, D. J. McCarthy*
- P163 **Origin and Significance of Thick Carbonate Grainstone Packages in Non-Marine Successions: A Case Study From the Barra Velha Formation, Santos Basin:** A. J. Barnett, M. Obermaier, J. Amthor, R. Camara, K. Juk, M. Sharafodin, M. Bolton
- P164 **Seismic Characteristics and Distribution of Hydrothermal Vents in the Rift Section of the Campos Basin, Offshore Brazil:** R. Alvarenga, D. Iacopini, J. Kuchle, C. Scherer, K. Goldberg, L. F. De Ros
- P165 **Pre-Salt Lacustrine Carbonates, Diagenetic Silicification and Hydrothermal Overprinting in Kwanza Basin (Offshore Angola): A Tale of Two Silicas:** J. Tritlla, R. Loma, M. Esteban, C. Sanders, V. Sánchez, V. Benito, A. Carrasco, J. Peña, A. Herra, M. Gerona, G. Levresse
- P166 **Hydrothermal Flushing and Calcite Precipitation as Main Modifiers of a Pre-Salt Reservoir in Kwanza Basin (Angola):** R. Loma, J. Tritlla, M. Esteban, C. Sanders, A. Carrasco, A. Herra, M. Gerona, M. Mañas, C. Boix
- P168 **Presalt Reservoir Analogs: Lacustrine Microbialites Fed by Shore Zone Hot Springs, Lakeside Utah:** P. W. Homewood, M. Mettraux, M. Vanden Berg, A. Foubert, J. Schaegis
- P169 **Small-Scale Sandstone Injectites Surrounding Oil-Filled Reservoirs - Examples From the North Falkland Basin, South Atlantic and West of Shetland, UKCS:** T. J. Dodd, D. J. McCarthy, M. A. Stewart
- P171 **Sedimentary Characteristics and Factors Controlling the Shell Beach in the Itapema Group. the Santos Basin:** W. Yi Ping, W. Lunkun*
- P172 **Reservoir 3-D Static Modeling Using Multi-Attribute Seismic Facies Characterization: Example of a Carbonate Lacustrine System From the Kwanza Basin of Angola:** M. Mañas, R. Loma, A. Carrasco, M. Bento
- P173 **Integrated Analysis of the Geological Controls on the Lacustrine Source Rocks of the Cuyana Rift Basin, Argentina:** S. P. Barredo, L. Stinco, F. Abarzúa, G. Fernández, Y. Fariás
- P174 **Key Conditions and Exploration Direction of Pre-Salt Giant Oil-Gas Fields in Santos Basin, Brazil:** W. Hongping, Y. Xinghe, Y. Liu, W. Chaofeng, F. Lyu, F. Guozhang, L. Yanhong, Z. Yonggang
- P175 **From Seismic Space to Pore Space: Models That Support the Exploration in the Pre-Salt Play of Santos Basin, Southeast Brazil:** S. Lepley, J. Daudt*, G. Skripnikova, D. Paul, J. Greff, J. Mitchie, B. David

Theme 7: Microbialites and Associated Features in Hydrocarbon Systems of Lakes and Oceans (SEPM)

Co-Chairs: E. Bowlin, B. Morgan, and J. Sarg

- P177 **Reservoir Properties of Lacustrine Carbonate Buildups From Pleistocene Lake Lahontan: Analogues for South Atlantic Reservoirs:** L. M. DeMott, J. D. Muirhead, C. A. Scholz
- P178 **Microbialites and Microbial Mineralization in the Great Salt Lake, Utah:** C. Frantz, M. Matyjasik, K. Thompson, Weber State University Geomicrobiology & Geochemistry Students
- P179 **Deposition and Diagenesis of the Bonneville Salt Flats:** J. A. Bernau, B. Bowen
- P180 **Microbialite Morphologies as Tools for Paleoenvironmental Analysis: Lessons From the Great Salt Lake, Utah:** R. L. Baskin, V. P. Wright
- P181 **Lacustrine Microbialite Architectural and Chemostratigraphic Trends: Green River Formation, Eastern Uinta Basin, Colorado and Utah:** A. Eljalafi, J. Sarg
- P182 **Ecology and Biogeochemistry of Microbial Mats on Little Ambergris Cay:** U. F. Lingappa, M. Gomes, K. Metcalfe, L. Riedman, S. O'Reilly, N. Stein, E. Trower, T. M. Present, W. Fischer, A. Knoll, J. Grotzinger
- P184 **Investigation of Multiscale Heterogeneities of Microbialite Reservoirs Using Forward Modeling: A Modern Analog From Shark Bay, Western Australia:** X. Huang, C. Griffiths, K. Liu, X. Yuan
- P185 **Influence of Water Chemistry on Carbonate Factories and Reservoir Quality Distribution in Carbonate Ramp Systems: Comparison of Jurassic Smackover and Cambrian Wilberns Formations:** C. Atkins, M. Minzoni, D. Lehrmann, B. Prather
- P186 **Microbial Mounds in the Timpoweap Member of the Lower Triassic (Smithian) Moenkopi Formation, Hurricane Cliffs, Southwest Utah:** C. M. Perfilii, S. M. Ritter

Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)

Co-Chairs: A. Grechishnikova and S. Nash

- P187 **Density-Driven Flow vs. Groundwater Flow Systems Theory: What Drives Variable Density Subsurface Flow on Land?:** K. U. Weyer
- P189 **Update on Environmental Issues Raised by Litigants Related to Injection for Disposal:** R. Bost
- P190 **Optimization Model to Regulate Methane Emissions From Unconventional (Shale) Gas Production—Application to the Permian Basin:** L. L. Correa
- P191 **Using Passive Ultrasensitive Hydrocarbon Detection to Elucidate Nascent Pipeline Leaks: A Colombia Pipeline Case Study:** R. Schrynmeeckers
- P192 **A New Low-Cost Alternative for Onsite Treatment of Wastewater:** J. Lazerson
- P194 **Environmental Impact Assessment of Carbon Capture and Storage: Social Perspectives and Environmental Restrictions for Natural Gas in Brazil:** H. K. Costa, E. M. Moretto, D. Peyerl*, E. M. Santos, D. Mouette, M. R. Konrad, S. M. Pulice
- P195 **Arsenic Mobilization in Shallow Aquifers Due to CO₂ and Brine Intrusion From CCUS Reservoirs:** T. Xiao, B. McPherson, Z. Dai, W. Jia, R. Esser
- P197 **An Overview of Trends Within Hydraulic Fracturing in Haynesville Shale Gas Play, Louisiana:** D. Carlson
- P198 **Results From a Brine Sampling Project: Investigating the Mineral Potential of Brines in Saskatchewan, Canada, in Particular the Lithium Potential:** G. Jensen
- P199 **Dolomitization in Cambrian and Upper Ordovician Sediments of the Intracratonic Michigan Basin: Diagenesis and Paleofluid Migration:** R. Crowe, I. Al-Aasm
- P200 **Differential Petroleum Migration Behaviors in Faults and Carrier Beds: A Case Study From the Northeastern Part of Baiyun Depression, South China Sea:** C. Wang, J. Zeng, Y. Yu, Z. Zhang, N. Shi, Q. Zhao, F. Wang



TECHNICAL PROGRAM

TUESDAY

TUESDAY TECHNICAL PROGRAM

Tuesday Morning Oral Presentations

Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)

Room 150 D/E/F/G

Co-Chairs: E. Larsen and Y. Zaretskiy

- 8:00 **Introductory Remarks**
- 8:05 **Integration of High Resolution Well Data to Reservoir Models in a Multiuser E&P Collaboration Environment:** S. Gerbaudo Laronga, G. Murphy
- 8:25 **Automated Salt Recognition in 2-D Seismic and Mapping Basin-Wide Salt in the Gulf of Mexico:** S. Morris, T. Dupont, S. Li, J. D. Grace*
- 8:45 **Photogrammetric 3-D Rock Slope Modeling, Discontinuity Mapping, and Analysis Utilizing an Unmanned Aerial Vehicle:** E. V. Zorn, J. Wagner, A. Zorn
- 9:05 **Metaheuristic Rock Property Determination Driven by Rock Type Constrained Global N-Dimensional Analysis:** T. Ramsay, C. Lu, J. He
- 9:25 **Refreshment Break**
- 10:10 **Deep Learning Used in Permeability Prediction of Channel Sand Bodies With Strong Heterogeneity:** G. Zhang, Z. Wang
- 10:30 **Core- to Pore-Scale Characterization of Heterogeneous Petroleum Geosystems: Multi-Scale (cm to sub-nm) 2-D and 3-D Imaging of Mancos Shale With Correlative Light, X-Ray, Electron, and Ion Microscopy:** J. Goral, A. A. DeReuil, M. Deo, L. Birgenheier, M. Andrew
- 10:50 **Hyperspectral Imaging, XRF and High-Resolution Scanning: The Key to Quick Accurate Core Analysis:** G. Sandon, M. Trobec, R. P. W. Stancliffe*
- 11:10 **Interaction of Surfactants at Nanoscale With Water-Wet and Oil-Wet Calcite Surfaces at Reservoir Conditions:** M. R. Kawelah, S. Alzobaidi, G. Thomas, A. I. Abdel-Fattah, A. Gizzatov*
- 11:30 **Experimental and Statistical Investigation of In-House Surfactant Formulations and Their Imbibition Capacity for Selected Core Substrates:** T. Khamaturova, L. Ke, D. Hu, K. Holan

Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region I (SEPM)

Room 151 A/B/C/G

Co-Chairs: K. Bohacs, D. Cupertino, and P. Homewood

- 8:00 **Introductory Remarks**
- 8:05 **The State Of the Art of the Brazilian Pre-Salt Exploration:** M. Abelha, E. Petersohn
- 8:25 **Understanding the Diversity of Lacustrine Hydrocarbon Reservoirs—The Utility of Outcrop Studies:** K. Bohacs, K. Lamb-Wozniak, E. Bowlin, G. Jones, T. M. Demko
- 8:45 **The Paleogeography of the Lacustrine Rift System of the Pre-Salt in Santos Basin, Offshore Brazil:** M. Fetter, H. Penteado, V. Madrucci, A. Spadini
- 9:05 **Characterization of the Pre-Salt Microbialite in the Kwanza Basin, Angola:** N. Rochelle-Bates, S. Schröder, R. Dixon
- 9:25 **Refreshment Break**
- 10:10 **Facies Association, Depositional Systems, and Paleogeographic Models of the Barra Velha Formation, Pre-Salt Sequence – Santos Basin, Brazil:** L. M. Arienti, R. S. Souza, S. Viana, M. A. Cuglieri, R. P. Silva, S. Tonietto, L. de Paula, J. A. Gil
- 10:30 **Libra: A Newborn Giant in the Brazilian Pre-Salt Province:** M. A. Carlotto, R. C. da Silva
- 10:50 **Carbonates That Are No More: Silicified Pre-Salt Oil Reservoirs in Campos Basin (Brazil):** J. Tritlla, M. Esteban, R. Loma, A. Mattos, V. Sánchez, C. Boix, P. Viera da Luca, J. Carballo, G. Levesse
- 11:10 **Petrology of the Hydrothermal and Evaporitic Continental Cretaceous (Aptian) Pre-Salt Carbonates and Associated Rocks, South Atlantic Santos Basin, Offshore Brazil:** R. S. Souza, L. M. Arienti, S. M. Viana, L. C. Falcão, M. A. Cuglieri, R. P. Silva Filho, C. O. Leite, V. C. Oliveira, D. M. Oliveira, C. Anjos, R. Amora, I. D. Carmo, C. E. Coelho
- 11:30 **Diagenesis of Pre-Salt Carbonates, Brazil Margin – Challenging Paradigms of Reservoirs in Evaporite Basins:** J. Amthor, C. Taberner, E. Manzo

SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans I

Ballroom A

Chair: A. Owen

(See page 17 for more information on this special session)

- 8:00 **Introductory Remarks**
- 8:05 **Hinterland Screening: The First Step Toward a Fully Integrated Source-to-Sink Understanding:** G. Nicoll, J. Wilson, F. Kohlmann
- 8:25 **Signal Propagation From the Himalayan-Sourced Ganges-Brahmaputra Rivers to the Deep-Sea Bengal Fan From Detrital Zircons:** M. Blum, K. Rogers, J. Gleason, Y. Najman
- 8:45 **Evaluating the Effects of First-Order Climatic State and Climate Transitions on Sediment Dynamics Using Detrital Zircons in the Amazon Source-to-Sink System:** C. C. Mason, B. W. Romans, A. Fildani, D. F. Stockli, T. Gerber
- 9:05 **Deciphering Tectonic Influence on Sediment Routing System Configuration via Large-*n* U-Pb Detrital Zircon Geochronology, Cretaceous Magallanes-Austral Basin, Chile and Argentina:** B. G. Daniels, S. Hubbard, B. W. Romans, W. A. Matthews
- 9:25 **Refreshment Break**
- 10:10 **Stirring the Detrital Pot: Intrabasinal Sediment Recycling and Mixing Revealed Through Strontium Isotopes, Cretaceous Magallanes Basin, Chile:** N. C. Auchter, B. W. Romans, B. G. Daniels, S. Hubbard
- 10:30 **Balancing Sediment Budgets in Deep Time and the Nature of the Stratigraphic Record:** J. P. Bhattacharya, A. D. Miall
- 10:50 **The Shelf Revisited: Critical Interface on Continental Margins and in Source-to-Sink Systems:** O. J. Martinsen
- 11:10 **Morphodynamics and Stratigraphic Architecture of Shelf-Edge Deltas Subject to Constant vs. Dynamic Environmental Forcings:** K. Straub
- 11:30 **What Conditions Are Required for Deltas to Reach the Shelf Edge During Rising Sea Level?:** J. Zhang, R. Steel, C. Olariu

Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)

Ballroom B

Co-Chairs: E. Heydari, Z. Li, and A. Saller

- 8:00 **Introductory Remarks**
- 8:05 **Dolomite and Palygorskite: An Alternative Pathway for the Formation of Palygorskite Clay:** B. H. Ryan, S. E. Kaczmarek, J. M. Rivers
- 8:25 **Modern Analog for Ancient Ooid-Grainstone Diagenesis and Pore Networks; Holocene Cancún Eolianite Ooids, Isla Cancún:** R. G. Loucks, K. Patty
- 8:45 **Integrating Geological Processes and Petrophysics in Carbonate Reservoir Rock Typing:** A. G. Meyer
- 9:05 **Hydrothermal Diagenesis and Reservoir Quality in the Pre-Salt Carbonate-Clastic Series of the Kwanza Basin, Offshore Angola:** J. Girard, G. San Miguel
- 9:25 **Refreshment Break**
- 10:10 **Thermochemical Sulphate Reduction Can Improve Carbonate Reservoir Quality:** L. Jiang, R. Worden, C. Yang
- 10:30 **Modeling Early Marine CaCO₃ Cementation in a Giant Carbonate Reservoir, Saudi Arabia:** P. Lu, S. Zhang, R. Zuhlke, D. Cantrell
- 10:50 **Comparative Diagenesis of Smackover Formation, Northern U.S. Gulf Coast: Arkansas, Louisiana, Mississippi, and Alabama:** E. Heydari, L. Baria, B. Kirkland
- 11:10 **Reservoir Quality in Salt-Encased Microbial-Dominated Carbonates From the Late Neoproterozoic Ara Group (South Oman Salt Basin):** S. Becker, P. A. Kukla*, J. Smodej, L. Reuning

*Denotes presenter is other than first author

TUESDAY TECHNICAL PROGRAM

Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)

Ballroom C

Co-Chairs: P. Desjardins and K. Taylor

- 8:00 **Introductory Remarks**
- 8:05 **Targeting Mechanical Facies in the Green River Basin to Improve Completions Strategies:** J. Havens, J. Mazza, C. Glaser, A. Hildick, C. Coleman
- 8:25 **Rock Fabric, Rock Composition, and Reservoir Quality in the Montney Formation, Western Canada:** N. Vaisblat, K. Ayranci, N. Harris, R. Chalaturnyk
- 8:45 **Petrographic and Micro-FTIR Study of Organic Matter in the Devonian-Mississippian New Albany Shale During Thermal Maturation: Implications for Oil-Prone Kerogen Transformation:** B. Liu, M. Mastalerz, J. Schieber
- 9:05 **Origins of Quartz in Organic-Rich Shales of Upper Devonian Duvernay Formation, Central Alberta, Canada: Implications for Geomechanical Behavior:** T. Dong, N. Harris*, J. McMillan, L. Knapp, C. Debuhr, F. Krause
- 9:25 **Refreshment Break**
- 10:10 **Shale Porosity Compaction and Gas Leakage During Exhuming: A Case From the Fuling Shale Gas Field, Eastern Sichuan Basin, China:** R. Liu, T. Engelder, F. Hao, S. Xu
- 10:30 **Factors Influencing the Development of Diagenetic Shrinkage Fracture of Shale in Marine-Continental Transitional Facies:** Z. Huo, J. Peng, J. Zhang, P. Li, Z. Dong, J. Ding
- 10:50 **Carbonate Cementation Patterns, Potential Mass Transfer and Implications for Reservoir Heterogeneity in Eocene Tight-Oil Sandstones, Dongying Depression, Bohai Bay Basin, China: Evidence From Petrology, Geochemistry and Numerical Modeling:** B. Ma, Y. Cao, K. Eriksson
- 11:10 **Carbonate Cementation in Lower Jurassic Jeanne D'Arc Formation, Terra Nova Oil Field, Newfoundland: Implications for Reservoir Quality:** B. J. Olanipekun, K. Azmy

Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern II (SEPM)

Ballroom D

Co-Chairs: P. Harris, J. Laya, and S. Ritter

- 8:00 **Introductory Remarks**
- 8:05 **Physical, Chemical, and Microbial Controls on Growth and Degradation of Ooids on Ambergis Shoal, Little Ambergis Cay, Turks and Caicos Islands, British Overseas Territories:** E. Trower, M. Cantine, M. Gomes, U. F. Lingappa, S. O'Reilly, T. M. Present, N. Stein, J. Strauss, M. Lamb, J. Grotzinger, A. Knoll, W. Fischer

- 8:25 **Wings and Wedges: Architecture of a Miocene Carbonate Buildup and Associated Basinal Strata: Central Luconia Province, Offshore Sarawak, Malaysia:** E. C. Ranke, M. Schlaich, G. Ghon, S. Mokhtar, S. A. Haroon, M. Poppelreiter
- 8:45 **Statistical Pattern Analysis of Dolines in the Pleistocene Miami Oolite of South Florida:** S. J. Purkis, P. M. Harris, B. Reyes
- 9:05 **Sedimentology and Geochemistry of Ooid Sands Buried Beneath Microbial Mats, Little Ambergis Cay, Turks and Caicos Islands:** T. M. Present, E. Trower, M. Gomes, U. F. Lingappa, N. Stein, M. Thorpe, M. Tarika, J. Alleon, A. M. Bahniuk, D. K. Morris, E. Orzechowski, C. Sanders, E. Sibert, W. Fischer, A. Knoll, J. Grotzinger

The Business of Oil and Gas: The Many Pathways to Success I

Ballroom D

Co-Chairs: R. Fritz and S. Nash

(See page 17 for more information on this special session)

- 10:05 **Introductory Remarks**
- 10:10 **Capital Markets: Private Equity, Venture Capital, Transformational Finance:** S. Ilkay, Angle Capital
- 10:30 **Being Realistic About Risk:** B. Haskett, Haskett Consulting
- 10:50 **Growth Through Strategic Acquisitions: How Geology Matters:** J. Dumesnil, Overland Oil and Gas
- 11:10 **The Small Company Environment – Business Strategies That Work:** S. Matson, Jericho Oil and Gas

Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)

Ballroom E

Co-Chairs: R. Brinkerhoff and A. Roark

- 8:00 **Introductory Remarks**
- 8:05 **Defining Unconventional Sweet Spots:** J. R. Davis
- 8:25 **Controls on Reservoir Development in the Ordovician Point Pleasant Limestone and Devonian Marcellus Shale: Comparing and Contrasting Two Appalachian Basin Unconventional Reservoirs:** D. Blood
- 8:45 **Saturation Isn't What it Used to be: Towards More Realistic Petroleum Fluid Saturations and Produced Fluid Compositions in Organic-Rich Unconventional Reservoirs:** A. S. Pepper
- 9:05 **Geological Controls on Fluid Distribution in Unconventional Hybrid Plays: Example From the Montney Formation of Western Canada:** T. Euzen, A. Mort, J. Chatellier
- 9:25 **Refreshment Break**
- 10:10 **United Kingdom Shale Gas: Using Geochemistry and Biostratigraphy to Correlate Wells in the Upper Bowland Shale Formation:** J. Walker, C. van der Land, M. Jones, C. Vane, T. Wagner, J. Hennissen, E. Hough

TUESDAY ORAL PRESENTATIONS

Seeking Volunteer Judges for Oral and Poster Sessions!

Judges provide a valuable service to the convention and help us honor our presenters with various Best Poster Presentation and Best Oral Presentation awards. Additionally, these awards help future conferences and local societies discover and identify speakers and content that they would like to include in their events or publications. As a judge, you will help ideas and information from ACE 2018 flow out of the Utah desert!

Any geoscientist attending ACE can serve as a judge – no special qualifications are required. Visit the ACE Service Center in Room 150 A/B/C at the Salt Palace Convention Center to sign up!



TUESDAY TECHNICAL PROGRAM

- 10:30 **SCOOP/STACK – Evolving Play Boundaries:** D. Yee, G. Johnston, S. Ahmed, J. Wakter, D. Howard
- 10:50 **Optimizing Well Engineering for Permian Geology/Fluid Using Model-Based Analytics:** M. Roth
- 11:10 **Seismic Reservoir Characterization of Utica-Point Pleasant Shale With Efforts at Quantitative Interpretation – A Case Study:** S. Chopra, R. Sharma, M. Nemati, J. Keay
- 11:30 **A Rock Type Based Evaluation Method for Unconventional Reservoirs:** R. Lieber

Theme 5: Structure and Evolution of Oceanic Basins, Margins, and Transforms (AAPG/PSGD)

Ballroom F

Co-Chairs: M. Nemcok and G. Schoenborn

- 8:00 **Introductory Remarks**
- 8:05 **The Relationship Between the Development of Seaward Dipping Reflectors, Oceanic Crust, and the Maldonado Triple Junction During Early Gondwana Break-Up:** P. Thompson, G. Badalini, C. Heine*, D. Paton
- 8:25 **Influence of Proterozoic Heritage on Development of Rift Segments in the Equatorial Atlantic:** A. Krueger, I. Norton, E. Casey, R. D. Matos, M. Murphy
- 8:45 **South Atlantic Rift Segmentation From Demerara to Walvis: The Interplay Between Strike Slip Deformation and Rifting:** R. D. Matos, I. Norton, A. Krueger, E. Casey
- 9:05 **The East African Transform Margin – From Anza to Madagascar: A Relic and Active 4,000 km Intraplate Strike Slip Corridor:** A. J. Long
- 9:25 **Refreshment Break**
- 10:10 **An Integrated Model for the Syn-Rift Structural Evolution of the Santos and the Campos Basins:** D. Paul, B. David, S. Lepley, J. Daudt

- 10:30 **Tectonics and Depositional Systems of Trinidad and Tobago Deepwater Provinces: Petroleum Systems Implications and Prospectivity:** T. Alvarez, A. Thomas, P. Mann, L. Wood
- 10:50 **The Role of Oblique Slip in the Eastern Niger Delta: Deformation, History, and Reservoir Development:** F. Mondino, J. Caudroit, C. Nwosu
- 11:10 **Shearing and Stretching the Porcupine Basin – A Tectonic Model Based on Integrated Geophysical Analysis:** T. J. Grow, R. Armstrong, A. Belopolsky, A. Derewetzky, N. Huber, B. Kilsdonk, J. Wolters

Tuesday Afternoon Oral Presentations

Theme 3: North American Unconventional Systems I (EMD/SEPM)

Room 150 D/E/F/G

Co-Chairs: S. Egenhoff and P. Pahnke

- 1:15 **Introductory Remarks**
- 1:20 **Are all Shales Created Equal? A Comparative, Multi-Proxy Geochemical Study of Paleozoic and Mesozoic Shale Basins in North America:** S. Ritzer, C. Scott, T. Fraser, C. Henderson, S. Schoepfer, E. Sperling
- 1:40 **Unconventional Oil Exploration in Wyoming Using Regional Chronostratigraphic Correlation:** R. M. Lynds, J. S. Slattery, R. N. Toner
- 2:00 **A Commercial Examination of Canadian Unconventional Play Development:** S. Kallir, N. Nemeth
- 2:20 **Microstructural Analysis of the Transformation of Organic Macerals During Artificial Thermal Maturation:** W. Camp, W. Knowles, K. Hooghan, T. Ruble
- 2:40 **Refreshment Break**



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TUESDAY TECHNICAL PROGRAM

- 3:25 **Sedimentological Characterization of the Eagle Ford Formation in the Southwest of the Maverick Basin, Coahuila, Mexico:** J. M. León-Francisco, G. Abascal-Hernández, R. Torres, D. E. Garduño-Martínez, S. P. Franco-Navarrete, J. Mendez, G. Murillo-Muneton
- 3:45 **Depositional Models and Sequence Stratigraphic Framework for the "Upper Devonian" Genesee Formation in the Northern Appalachian Basin, New York: Implications for Hydrocarbon Play Element Quality and Distribution:** R. Wilson, J. Schieber
- 4:05 **An Integrated Study of Facies, Depositional Context, and Porosity Development in the Eagle Ford Shale of Southwest Texas:** J. Schieber, O. R. Lazar, K. Bohacs
- 4:25 **Multiple Generations of Hydrocarbon Charge in the Mississippian Reservoirs of the STACK Play, Central Oklahoma: Evidence From Structural, Production and Geochemical Data:** T. C. Peryam, S. Parks, D. Veach, M. Rahman
- 4:45 **U.S. EIA Expects Future U.S. Tight Oil and Shale Gas Production to Depend on Resources, Technology, Markets:** O. Popova, G. Long, J. Little, N. Davis, S. Grape, E. Panarelli, E. Geary, A. Volke

Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region II (SEPM)

Room 151 A/B/C/G

Co-Chairs: K. Bohacs, D. Cupertino, and P. Homewood

- 1:15 **Introductory Remarks**
- 1:20 **Geological Characterization and Modeling of an Aptian Carbonate Reservoir in the Santos Basin, Brazil:** A. Tanaka, D. Faria*, J. B. Gomes, O. G. de Souza Jr
- 1:40 **Petrophysical Challenges in Pre-Salt Carbonate Rocks Requiring Sympathy, Synergy, and Synthesis:** P. W. Corbett, L. F. Borghi de Almeida
- 2:00 **Chemical Constraints on Carbonate Sedimentation and Fabric Development, Barra Velha Formation, Santos Basin, Brazil:** N. J. Tosca, B. Tutolo, R. Wood, N. Huwald
- 2:20 **Early Diagenetic Evolution of Fabric in the Barra Velha Formation, Santos Basin, Brazil:** R. Wood, N. J. Tosca, N. Huwald, A. Hosa, B. Tutolo

Special Executive Forum: Great Innovation Leaders

Room 151 A/B/C/G

Co-Chairs: H. Pettingill, N. Shumaker, and C. Sternbach

(See page 18 for more details on this special forum)

- 3:20 **Introductory Remarks**
- 3:30 **Sidney (Sid) Green, Founder and President of Enhanced Production, Inc., and Research Professor, University of Utah; Former Founder, Chairman and CEO of TerraTek, Inc.:** *History-making innovation storyline: Pioneered laboratory geomechanics testing, including rock properties measurements and full-scale drilling under deep reservoir conditions; Utah Entrepreneur of the Year and member National Academy of Engineering*
- 4:00 **Allen Gilmer, Co-Founder and Executive Chairman, Drillinginfo:** *History-making innovation storyline: Allowing tens of thousands of geoscientists and users to analyze big data, integrate drilling, production, and well information to arrive at faster solutions in already happening workflows*
- 4:30 **Tom Smith, President and CEO of Geolnsights; Former Founder, CEO and President of Seismic Micro-Technologies:** *History-making innovation storyline: The democratization of workstations and how it led to a revolution in integrated geoscience interpretation*
- 5:00 **Wrap-Up**

SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans II Ballroom A

Co-Chairs: E. Jones and B. Romans

(See page 17 for more information on this special session)

- 1:15 **Introductory Remarks**
- 1:20 **Improving Paleohydrologic Source-to-Sink Estimates by Merging Big Data and the Fulcrum Approach:** N. Wilson, J. Holbrook
- 1:40 **Implication of River Hydrological Regime and Precipitation on Source to Sink Analyses:** P. Plink-Bjorklund, E. Jones*, M. Hansford
- 2:00 **Accommodation and Supply Driven Sequences: Insights From Stratigraphic Forward Modeling:** J. Zhang, P. Burgess, D. Granjeon, R. Steel
- 2:20 **Source-to-Sink Sediment Routing and Environmental Signal Propagation in an Uplifted Foreland Basin, Lower Cretaceous Alberta Basin, Canada:** W. A. Matthews, S. Hubbard, B. G. Daniels, G. Quinn, B. Guest
- 2:40 **Refreshment Break**
- 3:25 **Locating Reservoir Rock in Powder River Basin Using Sediment Mass Conservation:** K. L. Hoppes, B. McElroy
- 3:45 **Chronostratigraphic and Paleoenvironmental Re-Evaluation of Wilcox/Carrizo Outcrops, Bastrop County, Texas: Implications for Sediment Bypass to Shelf Edge Delta and Deepwater Plays:** C. Denison, T. D. Demchuk*, J. M. O'Keefe
- 4:05 **Eocene – Lower Miocene Reservoir Facies Presence and Source to Sink Seismic Evidence, East Mexican Perdido Fold Belt:** R. Torres, G. Murillo-Muneton, J. Mendez
- 4:25 **Depositional and Geomorphic Characteristics of Ocean Basins at Different Stages of Their Evolution – The Wilson Cycle Revisited:** P. T. Harris, M. Macmillan-Lawler
- 4:45 **Deep-Water Fan Sedimentation on Mars: An Example From the Murray Formation at Pahrump Hills Locality, Gale Crater:** E. Heydari, F. J. Calef III, J. F. Schroeder, J. Van Beek, S. Rowland, A. G. Fairen, T. J. Parker

Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)

Ballroom B

Co-Chairs: S. Fullmer and S. Kaczmarek

- 1:15 **Introductory Remarks**
- 1:20 **Fake Rocks: How Triassic Carbonate Sediments Converted to Siltstones; An Example From the Montney Formation of Western Canada:** R. Wust, S. Tu, B. Nassichuk, A. A. Cui
- 1:40 **Diagenesis and Compositional Partitioning of Quaternary Cool-Water Carbonate Aeolianites, Southeastern Australia:** N. James
- 2:00 **Evaluating Dolomite Stoichiometry as a Proxy for the Chemistry of Dolomitizing Fluids:** C. Manche, S. E. Kaczmarek
- 2:20 **Centimeter-Scale Early Calcite Cementation Heterogeneity Resulting in Interlaying of Collapsed and Uncollapsed Ooid Layers Producing Intense Variation in Porosity Creation, Destruction, and Preservation; Permian San Andres Formation, West Texas:** R. G. Loucks, L. Waite
- 2:40 **Refreshment Break**
- 3:25 **Temperature of Dolomitization Derived From Clumped Isotopes: A Word of Caution:** C. Taberner, P. Ghosh, D. Mishra, L. Kleipool
- 3:45 **Depositional and Diagenetic Controls of Flow Properties in Early to Middle Eocene Aquifer Rocks of Qatar:** J. M. Rivers, S. Skeat, R. Yousif, E. Stanmore
- 4:05 **Increasing Rock Strength and Reservoir Quality With Early Microbial Cements:** G. Eberli, M. Diaz, R. J. Weger, E. Karaca
- 4:25 **Widespread Dolomitization by Extremely Evaporated Seawater Associated With Late Permian Halite Deposition, Permian Basin:** A. Saller
- 4:45 **Hybrid Model of Dolomitization, Permian Basin:** R. F. Lindsay

Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)

Ballroom C

Co-Chairs: P. Desjardins and K. Taylor

- 1:15 **Introductory Remarks**
- 1:20 **Deep Burial Diagenesis and Reservoir Quality Evolution of High-Temperature, High-Pressure Sandstones:** J. Lai, G. Wang
- 1:40 **Real-Time Advanced Mud Returns Flow Analysis Combined With Advanced Mud Gas and Elemental Analysis on Drill Cuttings Aids Fracture Detection and Interpretation in Unconventional Reservoirs: A Case Study:** B. Chiniwala, I. Easow, A. Martocchia, E. Russo
- 2:00 **Diagenetic Characteristics and Quantitative Evaluation of the Porosity Evolution of Tight Sandstone Reservoirs: A Case Study of the Yanchang Formation in the Southern Ordos Basin, China:** M. Xiao, G. Qiu
- 2:20 **The Sources of Quartz Grains Influencing the Quartz Cementation and Reservoir Quality in Ultra-Deeply Buried Sandstones: Examples From Lower Cretaceous Bashijiqike Formation in Keshen-2 Gas Field, Kuqa Depression, Tarim Basin of Northwest China:** H. Shi, H. Li
- 2:40 **Refreshment Break**
- 3:25 **Pore Characteristic Analysis a Deep Tight Sandstone Reservoir in the Dongpu Depression, Bohai Bay Basin, China:** K. Wang, X. Pang, Z. Zhao, S. Wang
- 3:45 **Non-Destructive Barite Cement in Upper Jurassic Sandstones, Danish Central Graben, North Sea:** R. Weibel, M. Whitehouse, M. Olivarius, M. Nielsen, F. Jakobsen, K. Nielsen, H. Midtgaard, M. Larsen
- 4:05 **Diagenesis of a Condensed Section Atop a Flexural Arch, Western Canada Foreland Basin:** O. Al-Mufti, A. Plint, M. Ibrahim, B. Cheadle
- 4:25 **Diagenetic Modification of Glaciomarine Reservoirs: Insights From an Analog From the Cenozoic Succession in the Victoria Land Basin, Antarctica:** M. Yang, T. D. Frank, C. Fielding
- 4:45 **The Zama Discovery in Salina del Istmo Basin, Offshore Tabasco: "New Dawn" for Offshore Mexico Exploration:** D. K. Kosmitis, T. Hall, J. Parker, M. C. Dix, I. Drew, M. G. Rowan

The Business of Oil and Gas: The Many Pathways to Success II

Ballroom D

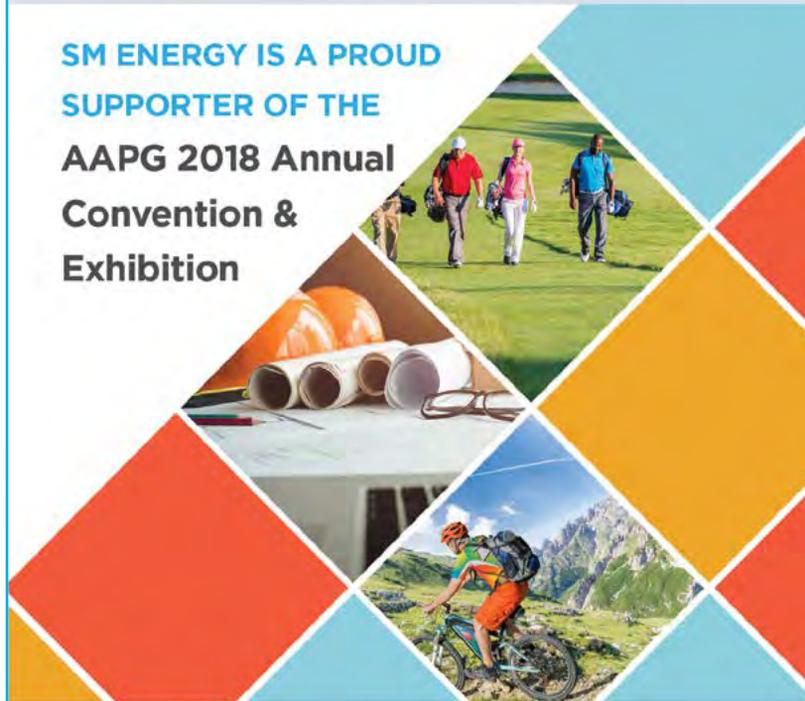
Co-Chairs: R. Fritz and S. Nash

(See page 17 for more information on this special session)

- 1:15 **Introductory Remarks**
- 1:20 **How Surface Information Can Be a Company-Maker: Examples:** D. Humphreville, DigitalGlobe
- 1:40 **Managing Valuations in Changing Times: Reserves, Planning, PUDs, and More:** D. Guzman, Ryder Scott
- 2:00 **Building From Scratch: One Geologist's Story of Starting a New Company in Partnership With Private Equity:** Donald G. Burdick, Olifant Energy
- 2:20 **Tuning Businesses With Innovation: The Story of a Novel Viscosifier for High Temperature Drilling:** Ashok Santra, Saudi Aramco
- 2:40 **Refreshment Break**
- 3:25 **Updates and Changes to PRMS:** Attila Szabo, Sproule
- 3:45 **Making Investment Decisions to Achieve Energy Dominance – The DOE's Approach:** Alan Cohen, U.S. Department of Energy
- 4:05 **The Small / Medium-Sized Operator: Geology and Agile Decision-Making:** Steve Tedesco, Running Foxes Petroleum
- 4:25 **Progress and Outlook for the Department of Energy's Office of Oil and Natural Gas Midstream and Methane Hydrate R&D Activities:** Timothy Reinhardt, U.S. Department of Energy
- 4:45 **Becoming a Registered Professional Geologist and Making Mineral Remoteness Opinions: Another Way for Consulting Geologists to Make a Living:** Scott Hector, Hobby Energy

*Denotes presenter is other than first author

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TUESDAY TECHNICAL PROGRAM

Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)

Ballroom E

Co-Chairs: J. Allen and W. Gapp

- 1:15 **Introductory Remarks**
- 1:20 **Development of Raman Spectroscopy as a Thermal Maturity Proxy in Unconventional Resource Assessment:** G. A. Myers, K. Kehoe, P. Hackley
- 1:40 **Geological Controls of the Organic-Inorganic Distributions Within the Woodford Shale in Northern Oklahoma U.S.A.: Integrating for Finding the Unconventional Sweet Spots:** E. J. Torres-Parada, A. Liborius Parada, L. E. Infante-Paez, J. Zhang, R. Slatt, K. Marfurt, A. Sneddon
- 2:00 **Production Metric Analytics in the Wolfcamp Formation:** C. P. Ross
- 2:20 **Geomechanical Properties of Organic Matter in Fine Grained Source Rocks:** T. Fender, C. Van Der Land, M. Rouainia, T. Wagner
- 2:40 **Refreshment Break**
- 3:25 **Integration of Digital Outcrop and Multisource Subsurface Data for Reservoir Modeling and Sweet Spot Mapping in Unconventional Resource Plays:** A. Grechishnikova
- 3:45 **Explaining Well Performance Patterns: Application of Scaled Hydrocarbon Head Potential to Permian, Anadarko Basins and Eagle Ford for Better Resource Assessment and Development:** C. Varady, J. Pantano
- 4:05 **Evaluation of Thinly Laminated Zones From the Granite Wash Using an Integrated Workflow Including Logs, Core Data, and Digital Rock Analysis:** J. Walls
- 4:25 **Customized Chemistry Design of Hydraulic Fracturing Fluids to Potentially Improve Hydrocarbon Recovery Factors:** D. Benoit, K. Holan, A. Recio III, A. Potty
- 4:45 **Integrated Multiscale Research of Fluid Flow in Shale: Molecular-to-Core Scales:** F. Javadpour

Theme 5: Salt-Involved Systems: Processes, Architecture, and Evolution (AAPG/PSGD)

Ballroom F

Co-Chairs: M. Rowan and J. Thompson

- 1:15 **Introductory Remarks**
- 1:20 **Structural Styles, Architecture, and Evolution on the Bay of Campeche Shelf:** M. G. Rowan, M. Albertson, P. Gabbard, D. K. Kosmitis
- 1:40 **Sub-Seismic Deformation in Traps Adjacent to Salt Stocks/Walls: Observations From Green Canyon, Gulf of Mexico:** S. Wilkins, V. Mount, T. Butaud, B. Lindsey, H. Adiguna, T. Fowler, J. Syrek, C. Fenn, C. Morris, P. Gamwell, J. Leedy, B. McDonald
- 2:00 **Late Mesozoic and Cenozoic Palinspastic Restoration: Interplay of Halokinetics and Sedimentation, Northwestern Gulf of Mexico:** J. Dickinson, A. Krueger, M. Murphy
- 2:20 **Revisiting Salt Mechanics in the Light of Enhanced Seismic Imaging in the Santos Basin, Brazil:** H. D. Lebit, J. Tilton, N. Roy, P. Ollagnon, S. Arasanipalai, S. N. Opdyke
- 2:40 **Refreshment Break**
- 3:25 **Shoulder Formation in the Paradox Basin: A Record of Progressive Diapir Narrowing and Minibasin Expansion:** R. Langford, K. Giles, J. A. Thompson, M. G. Rowan
- 3:45 **The Influence of "Cimmerian" Exhumation on the Hydrocarbon Potential of the Southwest Approaches, Offshore Northwest Europe:** J. Imber, S. Clarke*, S. Egan, S. Daniels, R. England, J. Henderson, B. Holdsworth, S. Jones, J. Lee, K. McCaffrey, J. Moore, D. Selby, S. Stricker
- 4:05 **Observations and Interpretation of the Salt Keel Features in U.S. Gulf of Mexico, Keathley Canyon Protraction Area and 2-D Restoration of a Cross-Section:** J. Kang, T. Heyn, J. Evenick, S. Sahoo, G. Pfau, G. Ritter, B. Schupack
- 4:25 **Halokinetic Features in the Paradox Basin, Utah and Colorado:** J. A. Thompson, K. Giles, T. E. Hearon, B. Trudgill, M. G. Rowan, R. P. Langford
- 4:45 **Cenozoic Inversion of a Regional Scale Mesozoic Normal Fault: Structural Analysis of the Dowsing Fault, Southern North Sea United Kingdom:** H. Anderson, E. Macaulay, J. Corcoran, F. M. Cram

Tuesday Poster Presentations

Exhibit Hall 9:00 a.m. - 5:00 p.m.

(Presenters will be in their booths 9:30 a.m. to 11:00 a.m. and 2:30 p.m. to 4:00 p.m.)

SEPM Student Research II

Co-Chairs: H. Harper and J. Sarg

- P1 **Tidally Influenced Deposits and Their Relative Importance in the Dakota Sandstone/Naturita Formation of the San Rafael Swell, Utah:** S. P. Phillips, J. A. Howell, A. Hartley
- P2 **Comparing Fluvial Sand-Body Stacking in Paleocene-Eocene Willwood (Bighorn Basin, Wyoming, U.S.A.) and Wasatch (Piceance Basin, Colorado, U.S.A.) Formations:** S. Alpheus, L. Hajek, E. Greenberg, T. Baisden, E. Chamberlin
- P3 **Amazon Fluid Mud Impact on Wave- and Tide-Dominated Pliocene Orinoco Delta (Trinidad) Shoreline:** Y. Peng, R. Steel, C. Olariu
- P4 **Comparative Analysis of Oncoids From the Upper Flagstaff Formation, Sanpitch Mountains, Central Utah:** M. Sheban, S. Judge, E. Werthmann, P. Hurst, E. Luna, J. Charlton
- P5 **Predicting Geomechanical Behavior: Empirical Relationships Between Mudstone Strength and Fluid Saturation:** J. Ammon, A. A. DeReuil, L. Birgenheier, J. McLennan
- P6 **Sediment Transport and Dispersal in the Appalachian Basin, Observations From the Rock Record and Flume Experiments:** Z. Yawar, J. Schieber
- P7 **An Analysis of Caddisfly Larval Cases From Domal Bioherms in the Upper Green River Formation, White Hill Cuesta, Ephraim, Utah:** P. Hurst, S. Judge, E. Werthmann, M. Sheban, E. Luna, R. Reynolds
- P8 **Sequence Stratigraphic Controls on Lower to Middle Carboniferous Siliciclastic Deposition in STACK, North-Central, Oklahoma, U.S.A.:** J. Bynum
- P9 **An Integrated Depositional Model for the Late Pennsylvanian to Early Permian Mudstone Deposits in the Midland Basin, West Texas:** J. C. Luna Gonzalez, L. Birgenheier

Theme 1: Deepwater Depositional Environments I (SEPM)

Co-Chairs: A. Fildani, Z. Jobe, and Y. Spychala

- P10 **Scaling Relationships Between Stratigraphy and Morphology of Submarine Channels:** L. Shumaker, Z. Jobe, J. Moody, D. Cai
- P11 **Quantifying Longitudinal Changes in Deep-Water Slope Channel Fill Over a 40 km-long Segment of a Submarine Slope System, Cretaceous Tres Pasos Formation, Chile:** B. G. Daniels, S. Southern, S. A. Kaempfe, L. Stright, B. W. Romans, S. Hubbard
- P12 **Drift Influence on Deep-Marine Slope Channel Facies and Geometries: Implications for Reservoir Quality Distribution - Block 2, Offshore Tanzania:** A. Fuhrmann, I. Kane, R. Ferguson, S. Barker, C. Siversen, R. Brunt
- P13 **Core- and Log-Based Recognition Criteria for Deep-Water Channel Bodies: Using Outcrops to Inform Stratigraphic Architecture Predictions Beyond the Wellbore:** S. Hubbard, B. W. Romans, S. Southern, L. Stright, B. G. Daniels, S. Fletcher, A. Jackson, S. A. Kaempfe, R. Macauley, A. Nielson, D. Niquet, C. Meirovitz, E. Pemberton, A. P. Reimchen
- P14 **Outcrop-Based Quantification of Short-Scale Heterogeneity in Hybrid Event Beds (HEBs) to Inform Modeling of HEBs-Prone Turbidite Reservoirs:** M. Carnevale, F. Felletti*, M. Marini, M. Patacci, M. Fonnesu, W. D. McCaffrey
- P15 **Insights Into Internal Structure of a Megabed From Long Distance (130x30 km) Correlation: The Contessa Megaturbidite of the Miocene Marnoso-Arenacea Formation (Serravallian; Northern Apennines, Italy):** F. Felletti, M. Marini
- P16 **Prediction of Reservoir-Scale Sand Body Geometry From Mud Cap Thickness in Poned Basins:** L. Amy, M. Patacci, W. D. McCaffrey, B. Kneller
- P17 **Stratigraphic Architecture of Turbidite and Mass-Transport Deposits in the Outcropping Bone Spring Formation, Delaware Basin, Texas:** W. Walker, Z. Jobe
- P18 **Mass Transport Complexes in the Northern Gulf of Mexico and Their Implications for Hydrocarbon Exploration:** M. Arthur, M. Gani

*Denotes presenter is other than first author

TUESDAY TECHNICAL PROGRAM

P19 **Complex Structural, Lithological, and Subtle Gas Traps, Upper Rotliegend, Polish Permian Basin:** H. Kiersnowski, K. Wolanski, K. Kwolek, W. Zarudzki, P. Zwolinski

Theme 1: Deepwater Depositional Environments II (SEPM)

Co-Chairs: A. Fildani, L. Hansen, and I. Kane

P20 **3-D Seismic Analysis of Cenozoic Slope Deposits and Fluid Flow Phenomena on the Nigeria Transform Margin:** O. A. Olobayo, M. Huuse

P21 **Compound Seismic Forward Modeling of the Atiart Submarine Canyon Outcrop, Spain: Application to the Submarine Canyon System on the Subsurface Loppa High, Barents Sea:** D. Harishidayat, S. E. Johansen, C. Puigdefabregas, K. O. Omosanya

P22 **Advanced 3-D Forward Stratigraphic Modeling of the East-Mediterranean Frontier Deepwater Basins: An Approach for Enhancing Reservoir Fairways Predictions:** F. H. Nader, C. Souque, J. Lecomte, R. Deschamps, B. Chauveau, D. Granjeon, R. Staples, E. Woon, P. Tricker, A. Frascati

P23 **Interpretation and De-Risking of Ultra-Deep Water Prospects in the SEAL Basin, Brazil, Using a Cognitive Interpretation Approach and High Integrity AVO Information:** T. Wooltorton, R. Moore*, C. Reiser

P24 **Cyclic Steps at the Channel-Lobe Transition Zone in Offshore Mozambique, East Africa:** X. Xu, F. Lyu, H. Sun, Y. Lu

P25 **Structure and Hydrocarbon Prospectivity in the North Panama Deformed Belt: Observations From Latest Seismic Reflection Imaging:** A. Goswami, K. Reuber, J. Pindell, B. W. Horn, A. Bliss

P26 **Bridging the Gap Between Giant Gilbert-Type Bottomset and Associated Mixed Turbiditic-Contouritic Systems in a High Sediment Supply Setting:** R. Rubi, S. Rohais, S. Bourquin, I. Moretti, G. Desaubliaux

P27 **Statistical Analysis and Stacking Patterns in Turbidite Sand Sheets (Cerro Toro Formation, Magallanes Basin, Chile)— Any Implication for Allogenic Cycles?:** J. Wu, B. Kneller

P28 **Stacking Patterns in a Submarine Fan System of Linked Rifting Grabens: Insights From Integrated Numerical Stratigraphy Modeling:** X. Wang, P. Lu*, J. Carvalho, R. Borsato, T. Alshammasi, H. Shakhs, R. Asuaje, A. Hajji, M. M. Mezghani

Theme 1: Deepwater Depositional Environments III (SEPM)

Co-Chairs: A. Fildani, I. Kane, and A. McArthur

P29 **Impact of Channel-Fill Asymmetry in Field-Scale Dynamic Reservoir Performance Prediction for Deep-Water Channelized Turbidite Systems:** C. Meirovitz, L. Stright, S. Hubbard, B. W. Romans

P30 **Structured Analysis of Analog Data Sets as an Aid to Deep-Marine Reservoir Characterization:** S. Cullis, M. Patacci, L. Colombera, W. D. McCaffrey

P31 **The Turbidites That Never Were: Sedimentological and Petrological Characterization of Fine-Grained Sandstones, Neoproterozoic Isaac Formation, Windermere Supergroup, British Columbia, Canada:** T. Billington, R. C. Arnott

P32 **Clearing the Muddy Waters: Sedimentological Characterization and Comparison of Matrix-Rich Sandstones in the Neoproterozoic Windermere Turbidite System (British Columbia, Canada) and Ordovician Cloridorme Formation (Quebec, Canada):** J. Ningthoujam, R. C. Arnott

P33 **Surge Propagation in Debris Flows:** P. A. Allen, O. Harlen, R. M. Dorrell, W. D. McCaffrey, R. Thomas

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TUESDAY TECHNICAL PROGRAM

- P34 **Quantifying Tabularity of Turbidite Beds: Methodology and Applications:** L. Tokes, M. Patacci*
- P35 **The Early Evolution of the Molasse Basin, Austria: Depositional Environment and Stratigraphic Architecture of Deep-Water Deposits:** C. Jaikla, D. R. Lowe
- P36 **Three-Dimensional Forward Stratigraphic Modeling of the Gravel- to Mud-Rich Fan-Delta in the Slope System of Zhanhua Sag, Bohai Bay Basin, China:** Q. Liu, X. Zhu, H. Zhu, K. Liu
- P37 **Late Pleistocene Bryant Canyon Turbidite Facies: Implications for Gulf of Mexico Mini-Basin Petroleum Systems:** J. E. Damuth, H. C. Olson, C. H. Nelson

Theme 1: Deepwater Depositional Environments IV (SEPM)

Co-Chairs: Z. Jobe, I. Kane, and N. Nieminski

- P38 **Progressive Confinement and Downslope Propagation of Submarine Slope Channels:** R. Ferguson, I. Kane, A. Fuhrmann, S. Barker, C. Siversen, R. Brunt, O. J. Martinsen
- P39 **Erosion and Bypass Records in Upper Slope Submarine Canyons:** K. Ono, P. Plink-Bjorklund
- P40 **Slope Channel Downslope Facies and Architectural Heterogeneity in Medium-Relief Basin-Margin Clinofolds, Jurassic Neuquen Basin, Argentina:** Y. Gan, R. Steel, C. Olariu*, C. Carjaval, F. De Almeida
- P41 **Predict Sandstone Distribution by Integrated Study of Mass Transported Deposit Using Borehole Image and Seismic Data: A Case Study From Northern Gulf of Mexico:** W. W. Xu, B. Winkelman, T. Wilkinson, A. Kumar, L. Chen, R. Hayden, J. Gendur, R. Hearn, D. Shan, J. Meyer, J. A. Canas, O. Mullins
- P42 **3-D Turbidite Forward Modeling for Exploration and Geohazard Studies:** C. Barbieri, L. Gnavi, G. Davoli, A. Consonni, F. Podenzani, R. Pirovano
- P43 **Geologic Origin of the Mari Mound Complex From Sediment Injection, Deep-Water Levant Basin, Eastern Mediterranean Sea:** S. Heron, P. Weimer, H. Pettingill, A. Hurst, R. Bouroullec, G. Dorn
- P44 **Giant Submarine Landslide Triggered by Paleocene Mantle Plume Activity in the North Atlantic:** E. Soutter, I. Kane, M. Huuse, K. Helland-Hansen
- P45 **Regional Evaluation of Mesozoic Chronostratigraphy, Paleoenvironment and Source Rock Systems in the Southern Ocean (South Atlantic):** E. Setoyama, M. D. Greb, S. Kanungo
- P46 **The Impact of Hyperpycnal Flows on the Character of Deep-Marine Sedimentation:** F. J. Laugier, P. Plink-Bjorklund

Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern I (SEPM)

Co-Chairs: J. Bishop, J. Hsieh, and L. Zahm

- P47 **Application of Handheld ED-XRF for High-Resolution Chemostratigraphy in Texturally Homogeneous Carbonate Mudstones: Salina A-1 Carbonate (Silurian), Michigan Basin:** M. A. Hemenway, S. E. Kaczmarek, K. G. Rose
- P48 **Stable Carbon Isotope Chemostratigraphy of Shallow-Marine Carbonates, Lower Cretaceous Adriatic Platform, Croatia: What Is the Curve Telling Us?:** A. Husinec, J. F. Read
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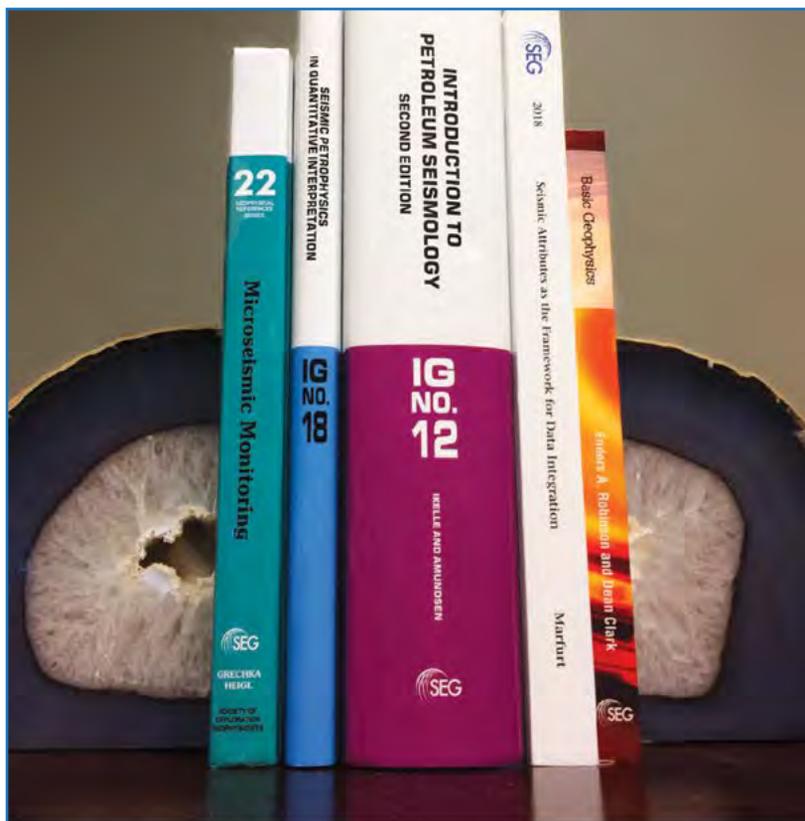
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Chair: D. Handwerker

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- P179 **Automation Provides Unique Insights of the Rock Record and Subsurface Through the Delivery of a Robotic Sample Collection and Analysis Device:** D. Tonner
- P180 **Petrophysical Characterization of 3-D Printed Rock and Its Substitution in the Validation Experiment:** L. Kong, M. Ostadhassan, C. Li, L. Gong*
- P181 **Development Optimization of Horizontal Wellbores Using Lamé Elastic Constants From 3-D Seismic:** M. L. Shoemaker, S. Narasimhan, J. Peacock, J. Becher, J. Lacy, N. Zakhour, B. Ferguson, C. Petkovsek
- P182 **An AI-Based Workbench for Knowledge Capture and Integration in Sub-Surface Characterization:** R. Cerqueira, E. Vital Brazil
- P183 **An Improved Method of Electrofacies Analysis for Fractured-Vuggy Reservoirs Using Data Mining and a Geological Constrained Approach:** F. Tian, X. Luo, S. Li, Y. Lv, X. Shan, C. Shen, B. Guan, X. Liu, X. Wang
- P184 **Seismic Facies Analysis From Well Logs Based on Machine Learning Techniques:** F. Tian, S. Li, X. Shan, Y. Lv, C. Shen, B. Guan, X. Liu, X. Wang, W. Xin
- P185 **Principles and Applications of InSAR During Development of Onshore Fields:** M. E. Allan
- P186 **Calcium Carbonate Coated Micromodels With Various Permeabilities for Study of Oil-Water Phase Behavior in Reservoir Rock Analogues:** S. Chang, A. Gizzatov, G. Thomas, A. I. Abdel-Fattah, W. Wang

Theme 9: Computational Geoscience for Energy Innovation (AAPG)

Co-Chairs: B. Hall and Y. Zaretskiy

- P188 **Need for Speed: Data Analytics Coupled to Reservoir Characterization Fast Tracks Well Completion Optimization:** P. Pankaj
- P189 **Mass Failure Complex Morphometrics as an Indicator of Flow Rheology and Composition: A Comprehensive Study in the Gulf of Mexico:** H. Deng, L. Wood, Z. Jobe
- P190 **Interrogating Lithology and Age Data in Sediment Source Terranes for Source-to-Sink and Exploration Applications:** E. Szymanski, E. J. Reat, A. Gary, D. O'Grady
- P191 **Visual Analytics for Reservoir Analogues:** E. Vital Brazil, V. Segura, R. Cerqueira, R. de Paula, U. Mello
- P192 **Transfer Learning Applied to Seismic Images Classification:** D. Chevitarese, D. Szwarcman, R. D. Silva, E. Vital Brazil
- P193 **Multiattribute Analysis of a Fractured-Vuggy Carbonate in the Tarim Basin:** J. Qi, H. Gu, J. Li, K. Marfurt
- P194 **Characterizing the Spatial Scale of Structural and Stratigraphic Features Through Fourier Analysis:** C. W. Bomberger, M. Hofmann, B. Berg, J. Andersen
- P195 **Acceleration of Geostatistical Seismic Inversion Using TensorFlow: A Heterogeneous Distributed Machine Learning Framework:** M. Liu, D. Grana
- P196 **Improving Seismic Interpretation Efficiency and Accuracy Using Supervised Machine Learning to Optimize Fault Interpretation Workflows:** Y. Mao, T. O'Toole, K. Rangarajan, S. Angelovich
- P197 **Semi-Automatic Seismic Interpretation Through the Extraction of Unconformities and Faults:** A. J. Bugge, S. Clark, J. Lie, J. Faleide
- P198 **Bridging Information Gaps in Reservoir Studies – Archiving and Retrieving Data With Relational Database Management Systems:** A. Linsel, M. D. Greb, K. Bär, M. Hinderer, J. Hornung
- P199 **Petrophysical Characterization of a Clastic Reservoir in the Middle Magdalena Valley Basin in Colombia Using Artificial Neural Networks and Seismic Attributes:** U. Iturraran-Viveros, A. M. Muñoz-García
- P200 **New Insights Into Mechanism of Ring Structure and Its Implication for Hydrocarbon Exploration:** F. Ning, J. Yun, H. Song, J. Li



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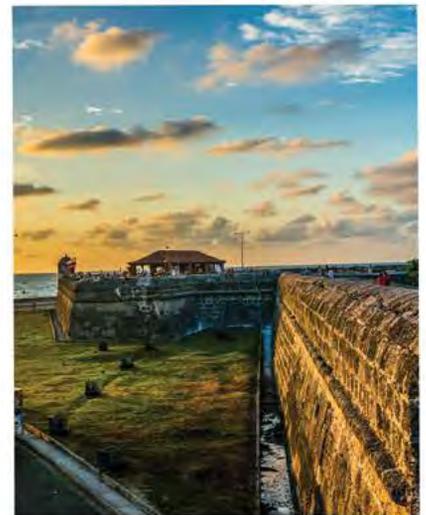
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TECHNICAL PROGRAM
WEDNESDAY

WEDNESDAY TECHNICAL PROGRAM

Wednesday Morning Oral Presentations

Theme 3: North American Unconventional Systems II (EMD/SEPM)

Room 150 D/E/F/G

Co-Chairs: B. Horton and R. Wilson

- 8:00 **Introductory Remarks**
- 8:05 **Shale Gas Dominates U.S. Gas Resources: Results From 2016 Assessment of the Future Gas Supply by the Potential Gas Committee:** A. V. Milkov
- 8:25 **Provenance Analysis of Permian (Guadalupian) Deposits: Implications for Sediment Routing and Stratal Geometry, Delaware Basin, Texas:** G. M. Soto-Kerans, X. Janson, D. F. Stockli, J. Covault
- 8:45 **A Comprehensive Bakken Sequence Stratigraphic Model for the Williston Basin:** P. K. Pedersen, D. Cronkwright
- 9:05 **Quantifying Hydrophilic and Hydrophobic Pore Networks of the Bakken Shale:** Y. Zhang, Q. Hu, T. Baerber
- 9:25 **Refreshment Break**
- 10:10 **Innovative Data Science Approach at Unconventional Pay Characterization and Production Prediction: Identifying Key Production Drivers in the Permian Basin Unconventional Plays:** S. J. Prochnow, M. Richey, Y. Lin
- 10:30 **Sequence Stratigraphy and Environments of Deposition for the Springer Shale at Carter-Knox Field, Anadarko Basin, Oklahoma:** A. Roark, B. Horton, D. Tripathy
- 10:50 **Fine-Scale Geochemical Evaluation of a 350-ft-long, Complete Stratigraphic Section of the Woodford Shale, Oklahoma U.S.A.:** R. P. Philp, E. J. Torres-Parada, H. A. Galvis Portilla, D. Becerra, R. Slatt
- 11:10 **Utica-Point Pleasant Shale Structural Modeling in Carroll and Harrison County, Ohio:** G. Wang, G. Zheng, J. Shank, Q. He
- 11:30 **A Continuous Mineralogical Record of an Eagle Ford Group Core and Related Formations in South Texas Using Hyperspectral Imaging:** A. Alnahwi, T. Kosanke, R. G. Loucks

DPA Special Forum: The Future Energy Geoscientist

Room 151 A/B/C/G

Co-Chairs: L. Billingsley and L. Birgenheier

(See page 18 for more information on this special forum)

- 8:00 **Introductory Remarks**
- 8:05 **Opening Remarks:** Jim Hill, President, DPA
- 8:15 **Panelists' Opening Statements**
- *Andrea Reynolds, Technical Manager, Shell Appalachia Asset*
 - *Richard Ball, Vice President of Geology, Detring Energy Advisors*
 - *Daniel D. Domeracki, Vice President, Government and Industry Relations, Schlumberger*
 - *Rick Fritz, CEO, Council Oak Resources*
 - *Andrée Griffin, North American Vice President, XTO*
 - *Lesli Wood, Professor and Weimer Distinguished Chair, Colorado School of Mines*
- 8:40 **Audience Question and Answer**
- 9:25 **Refreshment Break**
- 10:10 **Audience Question and Answer**

Theme 1: Understanding Continental Reservoirs (SEPM)

Ballroom A

Co-Chairs: N. Mountney and A. Wroblewski

- 8:00 **Introductory Remarks**
- 8:05 **Reproducing Spatial Anisotropy and Connectivity of Aeolian Systems Using Virtual Outcrops, Multiple Point Statistic and Forward-Based Process Geometrical Methods:** J. Mullins, C. S. Pierce, J. A. Howell, S. J. Buckley
- 8:25 **Complex Architecture in a Low Accommodation Eolian System Stack – Lateral Translation Versus Bedform Climb?:** C. S. Pierce, J. A. Howell*, H. Rieke
- 8:45 **Application of System Scale Fluvial Models to the Basin Scale:** A. Owen, A. Hartley, A. Ebinghaus, G. Weissmann, M. Santos
- 9:05 **The Role of Discharge Variability in the Formation and Preservation of Alluvial Sediment Bodies:** C. Fielding, J. Alexander, J. Allen
- 9:25 **Refreshment Break**

- 10:10 **Triassic North American Paleodrainage Networks and Sediment Dispersal of the Chinle Formation: A Quantitative Approach Utilizing Detrital Zircons:** K. F. Umbarger, M. Blum
- 10:30 **Accommodation – Not a Significant Control on Riverine Stratigraphy?:** P. Plink-Bjorklund, E. Jones, M. Belobraydic
- 10:50 **Progradational Successions of Distributive Fluvial Systems Affected by Eustatic Forcing: New Model From the Carboniferous Upper Breathitt Group (Kentucky, U.S.A.):** D. Ventra, A. Moscariello, R. Jerrett, S. Flint
- 11:10 **A "Big Data" Approach for Studying Modern Alluvial and Delta Plain Channels and Channel Belts:** B. K. Vakarelov
- 11:30 **Fluvial Stratigraphy at the Shoreline Interface:** G. Nichols

Theme 2: Carbonate Slope-to-Basin Deposits (SEPM)

Ballroom B

Co-Chairs: C. Betzler and G. Eberli

- 8:00 **Introductory Remarks**
- 8:05 **Giant Canyons and Chute Pools in a Deep-Sea Carbonate Environment (Bahamas):** T. Mulder, H. Gillet, V. Hanquiez, E. Ducassou, K. Fauquembergue, A. Recouvreur, N. Fabregas, M. Principaud, J. Reijmer, G. Conesa, A. Droxler, T. Cavailles, J. Le Goff, J. Ragusa, S. Bashah, S. Bujan, D. Blank, L. Guiastrrenec, J. Borgomano, C. Seibert
- 8:25 **Morphometric Analysis of Plunge Pools and Sediment Wave Fields Along the Slopes of Great Bahama Bank:** J. Schnyder, G. Eberli, C. Betzler, M. Wunsch, S. Lindhorst, T. Mulder, E. Ducassou
- 8:45 **Carbonate Shelf to Basin Architecture and Slope Seismic Geomorphology, Lower Miocene, Browse Basin, Northwest Shelf of Australia:** X. Janson, D. Dunlap, L. Zeng, C. Sanchez Phelps, J. Covault
- 9:05 **Carbonate Platform Slopes: The Importance of Contour Currents:** C. Betzler, G. Eberli
- 9:25 **Refreshment Break**
- 10:10 **Quantification of Architectural Variability and Controls in an Upper Oligocene to Lower Miocene Carbonate Ramp, Browse Basin, Australia:** P. Tesch, R. Reece, J. Markello, M. Pope
- 10:30 **Revisited Play Concept for Distally-Steepened Carbonate Ramps: The Relevance of Sediment Density Flows in the Stratigraphic Record:** A. Moscariello, D. Pinto, M. Agate
- 10:50 **Facies Architecture and Evolution of a Cretaceous, Tectonically-Controlled, Carbonate Slope From Western Sicily (Italy):** P. Di Stefano, V. Randazzo, M. Cacciatore, S. Todaro
- 11:10 **Large-Scale Carbonate Slope Gravity Failures: From Stratigraphic Evolution to Numerical Failure Prediction:** J. Busson, V. Teles, H. Gillet, A. Bouziat, N. Guy, P. Joseph, T. Mulder, J. Borgomano, E. Poli
- 11:30 **Integrated Quantitative Seismic Sequence Stratigraphic Characterization of Leonardian Carbonate Depositional Architecture on the Eastern Shelf of Midland Basin, West Texas:** R. Zhai, J. D. Pigott, Z. Wang, C. Xu

Theme 1: New Insights Into Deep-Water Depositional Processes, and Products; Effects on Reservoir Quality, Distribution and Architecture (SEPM)

Ballroom C

Co-Chairs: A. Fildani, A. McArthur, and N. Nieminski

- 8:00 **Introductory Remarks**
- 8:05 **Controls on Turbidity Current Flow Modes: New Insights From Direct Measurements Worldwide:** D. Vendettuoli, M. Clare, P. Talling, M. Cartigny, M. Azpiroz-Zabala, S. Hage, E. Sumner
- 8:25 **Deepwater Channel Trajectory Controls on Resultant Reservoir Connectivity:** P. D. Morris, J. Covault, R. Sech, Z. Sylvester, Z. Jobe
- 8:45 **Morphometric Scaling Relationships in Submarine Channel-Lobe Systems: Implications for Turbidite Depositional Processes and Stratigraphic Architecture:** L. Pettinga, Z. Jobe, L. Shumaker, N. Howes

*Denotes presenter is other than first author

WEDNESDAY TECHNICAL PROGRAM

- 9:05 **Quantifying Depositional Architecture of Basin-Floor Fan Pinchouts: Implications for Improved Stratigraphic Trap Prediction:** L. Hansen, D. M. Hodgson, A. Ponten, C. Thrana, S. Flint
- 9:25 **Refreshment Break**
- 10:10 **Deepwater Channel-Lobe Transition Zones (CLTZs): Loss of Lateral Flow-Confinement Controls Patterns of Erosion and Deposition:** F. Pohl, M. Tilston, J. T. Eggenhuisen, M. Cartigny, Y. Spychala
- 10:30 **Recently Revealed Hybrid Turbidite-Contourite Systems of the Tanzanian East Africa Margin:** P. Sansom
- 10:50 **Turbidite Termination Against Confining Basin Slopes: Implications for Stratigraphic Trapping and Reservoir Heterogeneity:** E. Soutter, I. Kane, M. Huuse, K. Helland-Hansen
- 11:10 **Tracks, Outrunner Blocks, and Barrier Scours: 3-D Seismic Interpretation of a Mass Transport Deposit in the Deepwater Taranaki Basin of New Zealand:** F. J. Rusconi, T. A. McGilvery*, C. L. Liner
- 11:30 **Stratigraphic Controls on Connectivity and Flow Performance in Deepwater Lobe-Dominated Reservoirs:** F. J. Laugier, M. D. Sullivan, M. Pycrz

Theme 9: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (EMD/AAPG)

Ballroom D

Co-Chairs: W. Ambrose and D. Cook

- 8:00 **Introductory Remarks**
- 8:05 **Volcanogenic Resources for a Sustained Human Presence on the Moon:** W. Ambrose
- 8:25 **Near Earth Objects (NEOs): Population Distributions, Origins, and Implications on Earth Impact Threat and Asteroid Mining Resources:** D. Cook
- 8:45 **HiRISE Observations of Martian Ground Ice: A Possible Resource for Exploration:** C. Dundas, A. Bramson, L. Ojha, J. Wray, M. Mellon, S. Byrne, A. McEwen, N. Putzig, D. Viola, S. Sutton, E. Clark, J. Holt
- 9:05 **The Development of Regolith as a Resource for Establishing Quasi-Closed, Agro-Ecological Systems in our Solar System:** M. Irons

Theme 9: Machine Learning for Seismic Interpretation (AAPG)

Ballroom D

Co-Chairs: L. Banfield and E. Larsen

- 10:05 **Introductory Remarks**
- 10:10 **Seismic Facies Segmentation Using Deep Learning:** D. Chevitaress, D. Szwarcman, R. D. Silva, E. Vital Brazil
- 10:30 **Attention Models Based on Sparse Autoencoders for Seismic Interpretation:** M. Shafiq, M. Prabhushankar, Z. Long, H. Di, G. Alregib
- 10:50 **Bootstrapping Machine-Learning Based Seismic Fault Interpretation:** S. Purves, B. Alaei, E. Larsen
- 11:10 **Deep Convolutional Neural Networks for Seismic Salt-Body Delineation:** H. Di, Z. Wang, G. Alregib
- 11:30 **Texture-Based-Similarity Graph to Aid Seismic Interpretation:** R. Ferreira, E. Vital Brazil, R. D. Silva, R. Cerqueira

Theme 4: Source Rocks – Geochemical Characterization and New Methods (AAPG)

Ballroom E

Co-Chairs: N. Harris and R. Hill

- 8:00 **Introductory Remarks**
- 8:05 **The Monterey(!) is a Significant Undercharged Petroleum System in the Onshore Santa Maria Basin, California, U.S.A.:** L. B. Magoon, A. Hosford Scheirer
- 8:25 **In-Situ Chemical Analysis of Hydrocarbons at a Nanopore Scale, Cretaceous Niobrara Formation, Denver Basin, Colorado:** R. Simon, O. Khatib, D. A. Budd, M. B. Raschke
- 8:45 **Geochemical Characterization of Organic Matter and Depositional Environment of Tuffaceous Source Rocks in the Jimsar Sag of Junggar Basin, Northwest China:** C. Gao, X. Ding, M. Zha, J. Qu, Y. Su*

- 9:05 **Primary Migration of Petroleum in Organic Rich Shale: Observations From Eagle Ford Horizontal Core, South-West Texas:** X. Sun, T. Zhang, D. A. Enriquez, S. C. Ruppel
- 9:25 **Refreshment Break**
- 10:10 **Adventures in Programmed Pyrolysis I:** R. Drozd, J. Dall, S. Palmer
- 10:30 **Calculation of a Rate Index for the Bakken Formation (Devonian-Mississippian) in North Dakota Using Experimentally Determined Kinetics, Current Formation Temperatures, and Total Reactive Kerogen Mass:** S. H. Nordeng, C. J. Onwumelu
- 10:50 **The Importance of Evaluating Initial Kerogen Potential and Restoring Kinetic Schemes From Mature Samples, Example From Late Jurassic Source Rocks in Kuwait:** M. Dubille, G. Maury, E. Marfisi, M. Callies*
- 11:10 **Hyperspectral Imaging and Geochemical Characterization of an Eagle Ford Shale Core:** J. Birdwell, B. Martini, L. Fonteneau, K. J. Whidden, O. Pearson, S. T. Paxton, T. Hoefen
- 11:30 **New Insights of the Cretaceous Source Rock Potential in the Central Atlantic Ocean Using a New End-Member Workflow Based on Palynofacies and Rock Eval Data:** A. Chaboureau, S. Garel, Y. Mourlot, F. Behar

Theme 5: Structural Geometry, Evolution, and Strain Modeling – Integrated Geomechanical, Geometrical, and Analogue-Based Approaches (AAPG)

Ballroom F

Co-Chairs: P. Connolly and A. DeReuil

- 8:00 **Introductory Remarks**
- 8:05 **Incorporating Erosion Into Structural Forward Models: Reconstructing Burial and Deformational Histories From Angular Unconformities in Growth Strata:** N. Eichelberger, A. Nunns, D. Claroni, S. Ball, I. McGregor, R. Liu
- 8:25 **Understanding Geomechanical Deformation by Coupling Distinct Element Forward Modeling and Structural Restoration: Insight From Compressional and Extensional Numerical Models:** B. P. Chauvin, A. Plesch, J. H. Shaw, P. J. Lovely
- 8:45 **Characterizing the Growth of Structures in Three-Dimensions Using Patterns of Deepwater Fan and Channel Systems in Growth Strata:** J. Don, J. H. Shaw, A. Plesch, D. Bridgewater, G. Lufadeju
- 9:25 **Refreshment Break**
- 10:10 **Numerical Modeling of Cenozoic Basin Inversion of the Western Barents Shelf:** M. A. Miraj, C. Pascal, R. H. Gabrielsen, J. I. Faleide
- 10:30 **Experimental Geomechanics on Heterogeneous Mudstone—Developing Predictive Relationships Between Facies, Reservoir Quality, and Fracture Propagation:** A. A. DeReuil, L. Birgenheier, J. McLennan, J. Ammon, S. A. Moore, J. Luna-Gonzalez
- 10:50 **Discrete Element Modeling of Extensional Fault-Related Monocline Formation and Fault Zone Evolution:** K. J. Smart, D. A. Ferrill
- 11:10 **A Basin-Scale Modeling Methodology to Link the Poro-Mechanics of a Source-Rock Formation and the Tectonic Faulting in Fold-and-Thrust Belts:** W. Sassi, J. Berthelon
- 11:30 **Understanding the Structural Evolution of Structurally Complex Areas Through Integration of Data:** K. Das

Wednesday Afternoon Oral Presentations

Theme 3: North American Unconventional Systems III (EMD/SEPM)

Room 150 D/E/F/G

Co-Chairs: M. Hofmann and S. Hudson

- 1:15 **Introductory Remarks**
- 1:20 **Permian Basin Regional Burial and Exhumation History: Implications for Source Rock Distribution, Maturity, and Charge Access:** A. Doebbert, A. S. Pepper
- 1:40 **Contrasting Styles of Basin Fill and Shelf Margin Stacking, Wolfcampian-Leonardian-Guadalupian Succession, Eastern Margin of Central Basin Platform and Western Midland Basin, Fasken Ranch Area, West Texas:** R. Dommissie, C. Kerans, C. K. Zahm, S. Pollack, R. Bianco, C. Draper, G. Wahlman

WEDNESDAY TECHNICAL PROGRAM

- 2:00 **Assessment of the Woodford Shale Petroleum System Within a Deep Subbasin on the Central Basin Platform, Permian Basin:** W. R. Drake, M. Longman, A. Moses
- 2:20 **Sequence Stratigraphic Analysis of Late Cretaceous Tununk Shale Member of the Mancos Shale Formation, South-Central Utah: Parasequence Styles in Shelfal Mudstone Strata:** Z. Li, J. Schieber
- 2:40 **Short Break**
- 3:00 **Multidisciplinary Analytical Approach to Evaluating the Niobrara Formation Within the Wattenberg Field, Denver-Julesburg Basin:** A. P. Reimchen, K. Repchuk, D. Gregoris
- 3:20 **Slump Structures in the Middle Bakken Member, Williston Basin, North Dakota – In Search of Active Synsedimentary Fault Systems:** A. Novak, S. Egenhoff
- 3:40 **The Depositional Environment of the Lower Bakken Shale Member in the Williston Basin, Upper Devonian, North Dakota, U.S.A.:** S. Egenhoff, S. Albert
- 4:00 **Wolfcamp Facies and Stacking Patterns in the Delaware Basin, West Texas: Insights Into Mechanisms and Patterns of Sediment Delivery and Facies Architecture:** S. C. Ruppel, R. Baumgardner
- 4:20 **Geology vs. Technology: How Sustainable is Permian Production Growth?:** R. G. Clarke, A. Beeker

Theme 6: Hydrocarbons and Geothermal Exploration Techniques: Opportunities for Technical Exchange and Advances (AAPG)

Room 151 A/B/C/G

Co-Chairs: R. Allis and J. Moore

- 1:15 **Introductory Remarks**
- 1:20 **The Utah FORGE Site: A Laboratory for Enhanced Geothermal System Development:** J. Moore, R. Allis, K. Pankow, S. Simmons, J. McLennan, W. Rickard, M. Gwynn, R. Podgorney
- 1:40 **Geothermal Exploration in Switzerland for Heat Production and Storage: The Key Role in Knowledge and Technology Transfer From the Hydrocarbon Industry:** A. Moscariello, G. Uninge
- 2:00 **Characterizing Deep Basin Siliciclastic Reservoirs for Geothermal Use Near Hinton, Alberta:** C. Noyahr, N. Harris, J. Banks
- 2:20 **Bottom-Hole Temperatures in Oil and Gas Wells: Window to the Deep Thermal Regime and Geothermal Potential of Sedimentary Basins in the Eastern Great Basin:** M. Gwynn, R. Allis, D. Sprinkel, R. Blackett, C. Hardwick
- 2:40 **Short Break**
- 3:00 **Geothermal Resource Characterization of the Slave Point Formation in Clarke Lake Field, Fort Nelson, British Columbia Canada:** E. Renaud, N. Harris, J. Banks
- 3:20 **VSP Survey in the Thonex Geothermal Well - New Characterization of Potential Carbonatic Geothermal Reservoirs:** L. Guglielmetti, A. Moscariello, A. Bitri, C. Dezayes, F. Poletto, P. Corubolo, C. Schmelzbach, H. Maurer, F. Reiser, M. Meyer
- 3:40 **Geophysical Signatures of the Utah FORGE Site, Northern Milford Basin, Utah:** C. Hardwick, W. Hurlbut, M. Gwynn, R. Allis, P. Wannamaker, J. Moore
- 4:00 **Geothermal Heat Sources From Oil Wells Using Binary Cycles:** S. P. Barredo, H. Wiemer, D. Kuhn, L. Stinco
- 4:20 **Re-Evaluation of Bottom-Hole Temperature Corrections: New Insights From Two Hot Wells in West-Central Utah:** R. Allis, M. Gwynn



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WEDNESDAY TECHNICAL PROGRAM

Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture (SEPM)

Ballroom A

Co-Chairs: L. Hajek, D. Hodgetts, and K. Straub

- 1:15 **Introductory Remarks**
- 1:20 **An Experimental Perspective on Co-Deposition of Marine Organic Matter With Clays and Silt:** J. Schieber, B. Liu, C. Stewart, A. Schimmelmann
- 1:40 **Revisiting the Link Between Curvature and Migration Rate: How Meander Cutoffs Rejuvenate River Migration and Initiate Counter-Point Bars:** Z. Sylvester, P. R. Durkin, J. Covault, S. Hubbard
- 2:00 **Meander-Bend Migration Style Controls Bar Type and Resulting Heterogeneity:** P. R. Durkin, Z. Sylvester, S. Hubbard
- 2:20 **High-Performance Stratigraphic Modeling of Shelf to Deep-Water Plays:** D. Granjeon, P. Have, J. Coatleven, S. Pegaz-Fiornet, B. Chauveau
- 2:40 **Short Break**
- 3:00 **Spatial and Temporal Evolution of Submarine Lobe Deposits and Their Grain-Fabric:** Y. Spychala, J. T. Eggenhuisen, M. Tilston
- 3:20 **Slope-Fan Depositional Architecture From High-Resolution Forward Stratigraphic Models:** N. Hawie, J. Covault, D. Dunlap, Z. Sylvester, E. Marfisi
- 3:40 **Synthesizing Outcrop Data to Develop Vertical Facies Proportion Curves That Capture the Internal Variability of Depositional Elements:** L. Stright, P. R. Durkin, S. Southern, B. W. Romans, S. Hubbard
- 4:00 **Preservation of Upper-Flow-Regime Bedforms and Their Recognition in the Stratigraphic Record: Comparisons From Modern and Ancient Active Margin Settings:** R. G. Englert, S. Hubbard, D. Coutts, Z. Jobe, M. Cartigny, S. Hage
- 4:20 **Quantitative Analysis of the Bed-Scale Facies Architecture of Submarine Lobe Deposits:** R. C. Fryer, Z. Jobe, L. Shumaker

Theme 2: Carbonates of Western North America (SEPM)

Ballroom B

Co-Chairs: A. Byrnes and L. Canter

- 1:15 **Introductory Remarks**
- 1:20 **A Detailed Study of the Red River Formation (C & D Members) in the U.S.A. Portion of the Williston Basin:** R. B. Hill, C. Harman, J. G. Ross
- 1:40 **Lithologic and Petrophysical Characterization of the Upper Silurian Interlake Group, Nesson Anticline Area, North Dakota and Eastern Montana:** R. F. Inden, A. P. Byrnes, R. M. Cluff, S. G. Cluff
- 2:00 **Petrographic and Petrophysical Characteristics of the Upper Devonian Three Forks Formation, Southern Nesson Anticline, North Dakota:** M. Longman, R. Johnson, B. Ruskin
- 2:20 **Disambiguation of the Knoll Limestone, a Regional Late Devonian Reservoir-Prone Litho- and Allostratigraphic Carbonate Bench That Caps the Three Forks Formation Logan Gulch Member, Western Montana:** G. W. Grader, L. Schwab, P. Doughty, J. Hohman, J. Guthrie
- 2:40 **Short Break**
- 3:00 **Sequence Evolution and Hierarchy Within the Lower Mississippian Madison Limestone of Northwest Wyoming:** M. D. Sonnenfeld
- 3:20 **Preliminary Sequence Stratigraphic Framework for a Mississippian Madison Group Shelf Margin, South Boulder Canyon, Southwest Montana:** M. Gilhooly, J. Weissenberger
- 3:40 **Carbonate Slope Detrital Aprons and Fans: A Potential New Play Type in the Pennsylvanian Paradox Formation, Paradox Basin, Southeastern Utah and Southwestern Colorado, U.S.A.:** T. C. Chidsey, D. E. Eby, J. Burris
- 4:00 **Chemical and Biotic Responses to Mid-Permian Paleo-Environmental Dynamics, Phosphoria Rock Complex (Permian, Kungurian-Wordian), Rocky Mountain Region, U.S.A.:** M. Pommer, J. Sarg
- 4:20 **Depositional and Stratigraphic Complexities of the Niobrara Formation and the Relationship to Producibility, DJ Basin, Colorado:** M. Deacon, K. McDonough

Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs (SEPM)

Ballroom C

Co-Chairs: C. Olariu and X. Zhu

- 1:15 **Introductory Remarks**
- 1:20 **Stratigraphic Architecture and Reservoir Characteristics of Slumped Distributary Mouth Bar Deposits, Cretaceous Ferron Sandstone, Utah: An Analysis of Sedimentary Fabric and Facies Utilizing Outcrop and Core Data:** R. Campbell, J. Wagner
- 1:40 **Tectonic Forcing, Subsidence, and Sedimentary Cyclicity in the Upper Cretaceous, Western Interior U.S.A.:** K. W. Rudolph
- 2:00 **Structurally-Enhanced Accommodation and Preservation of Shallow Water Reservoir Units: Brookian Clinof orm Succession, North Slope Alaska:** E. Pemberton, T. Hearon, J. Moutoux, J. Goyette, L. Unger, A. Berger, T. Wagner III, D. Hansen
- 2:20 **Regressive Tidal Systems: Lessons Learned From Studying the Variability of Holocene Tide-Dominated and Tide-Influenced Deltas:** B. K. Vakarelov
- 2:40 **Short Break**
- 3:00 **No Evidence for Significant Sea Level Fall in the Cretaceous Strata of the Book Cliffs of Eastern Utah:** J. A. Howell, C. H. Eide, A. Hartley
- 3:20 **Facies Distribution and Stratigraphic Architecture of Continental to Shallow-Marine Deposits on a Lowstand Wedge: Basin-Scale Analysis of the Mulichinco Formation, (Neuquén Basin, Argentina):** M. E. Pascariello, M. F. Rincon, S. M. Arismendi, E. Schwarz
- 3:40 **High-Resolution Sequence Stratigraphy and Shoreline Trajectory of the Cretaceous Gallup System, New Mexico, U.S.A.:** W. Lin, J. P. Bhattacharya
- 4:00 **Stratigraphic and Sedimentary Architecture of Tectonically Influenced Shallow-Water Delta Complexes: An Example From the Lower Cretaceous, Maestrat Basin, Spain:** G. Cole, M. Watkinson, R. Jerrett, M. Anderson
- 4:20 **Shelf-Margin Architecture and Shoreline Processes at the Shelf-Edge With Controls on Sediment Partitioning and Deep-Water Deposition Style: Insights From 3-D Quantitative Seismic Stratigraphy:** V. Paumard, J. Bourget, T. Payenberg, B. Ainsworth, S. Lang, H. Posamentier, A. George

Theme 8: Energy and Environment (DEG)

Ballroom D

Co-Chairs: A. Grechishnikova, S. Nash, and S. Testa

- 1:15 **Introductory Remarks**
- 1:20 **Challenges to the Social Contract for International Funding: New Demands for Public Involvement and Transparency in Oil & Gas International Developments:** R. Bost
- 1:40 **Monitoring Environments From Space:** D. Humphreville
- 2:00 **The Unexpected Nature and Extent of Arsenic in Soil, Based on the RCRA Facility Investigation at the Elk Hills Oilfield, Former Naval Petroleum Reserve No. 1, Kern County, California:** A. Blake
- 2:20 **The Geochemistry of Formation Waters and the Challenges and Opportunities for Re-Use of Produced Water:** R. Bost
- 2:40 **Short Break**
- 3:00 **Raman Spectroscopy for Detection of CO₂, SO_x, and NO_x in Precipice Sandstone:** G. A. Myers, L. G. Turner, A. Cookman, J. Pearce, S. D. Golden, J. Parkins, P. Christian, B. Wiseman
- 3:20 **Documenting Past Oilfield Arsenic Corrosion Inhibitor Usage: A Pit Groundwater Example From Lake St. John Field, Louisiana:** M. L. Barrett
- 3:40 **Using Thermal/IR and Multispectral Sensors on Drones to Find the Origin of and Extent of Contamination From Saltwater Spills From Producing Wells:** S. Nash
- 4:00 **Complex Petrophysical Studies to Evaluate the Safety of an Underground Gas Storage in Porous Rocks:** C. Dietl, R. Braun, H. Baumgartner, E. Jahns, T. Rudolph
- 4:20 **Fault Displacement Hazards at Aliso Canyon and Honor Rancho Natural Gas Storage Fields, Southern California, U.S.A.:** T. L. Davis

Theme 4: Advances in Understanding Hydrocarbon and Non-Hydrocarbon Gases (AAPG)

Ballroom E

Co-Chairs: C. Campbell, A. Thapalia, and D. Wavrek

- 1:15 **Introductory Remarks**
- 1:20 **Big Gas Data: First Insights From a Global Database of >20,000 Natural Gases:** A. V. Milkov, G. Etiope
- 1:40 **Investigation of the Role of Rock Fabric on Gas Generation and Expulsion During Anhydrous Closed-System Pyrolysis Experiments:** G. Ellis, D. Shao, Y. Li, T. Zhang
- 2:00 **Relationship of Helium and CO₂ to Other Gases in New Mexico Reservoirs:** R. F. Broadhead
- 2:20 **Comparison of the Origin and Secondary Processes of Natural Gas From the Polish Outer Carpathians and the United States Bighorn and Wind River Basins:** M. J. Kotarba, P. G. Lillis
- 2:40 **Short Break**
- 3:00 **Genetic Types and Charging Patterns of Tight Gas in the Upper Paleozoic Formation of Northeastern Ordos Basin, China:** X. Shao, X. Pang, F. Jiang
- 3:20 **Petrology and Geochemistry of Pb-Zn Mineralization in Upper Sinian Dengying Dolomites in the Central Sichuan Basin, Southwest China: Implications for the Origin of H₂S:** P. Zhang, G. Liu, C. Cai, P. Gao
- 3:40 **The Surface Geochemical Expression of Some Utah Oil and Helium Fields:** D. Seneshen
- 4:00 **Helium in Southwestern Saskatchewan: Accumulation and Geological Setting:** M. Yurkowski, G. Jensen*
- 4:20 **Novel Compact Gas/Gas Isotopes Sensor for Exploration and Reservoir Design:** S. Csutak, A. Sampaolo, P. Patimisco, M. Giglio, F. Tittel, V. Spagnolo

Theme 5: Faults, Fractures, and Fluid Flow (AAPG)

Ballroom F

Co-Chairs: S. Buseti and P. Lapointe

- 1:15 **Introductory Remarks**
- 1:20 **Quantification of Fracture Systems Using Fourier Analysis:** P. A. MacKay, T. H. Jobe, C. Oswald, D. Paez
- 1:40 **Rock Fracture Mechanics Under Chemically Reactive Conditions:** P. Eichhubl, X. Chen, J. Major, O. Callahan, J. E. Olson
- 2:00 **Lithologic Controls on Shale Rheology: A Lookback on 7 Years of Mechanical Testing:** S. Buseti, Z. Fang
- 2:20 **Damage Zone Structure and Structural Diagenesis Associated With Thrust Faults – Emery County, Utah:** E. S. Petrie, A. J. Sundal, S. S. Wigginton, J. P. Evans
- 2:40 **Short Break**
- 3:00 **Stochastic Trap Analysis: Regional Validation of Traps in the Otway and Bass Basins:** T. A. Murray, D. R. Richards, W. L. Power, T. Johnson, G. Christie
- 3:20 **Loss of Containment and Leakage Up Fault Zones:** S. Naruk, J. Solum, J. van Berkel
- 3:40 **Fault Zone Heterogeneity, Scaling, and Application to Exploration and Reservoir Modeling:** J. Solum, S. Naruk, A. Cilona
- 4:00 **Along-Strike Variations of Fault Zone Architecture and Deformation Mechanisms of Normal Faults in Poorly Lithified Sediments, Miri (Malaysia):** S. Sosio de Rosa, Z. K. Shipton*, R. J. Lunn, Y. Kremer, T. A. Murray
- 4:20 **Hydraulic Fracturing: Breaking Intact Rock or Stimulating Natural Fractures?:** O. Teran, C. Neuhaus

*Denotes presenter is other than first author

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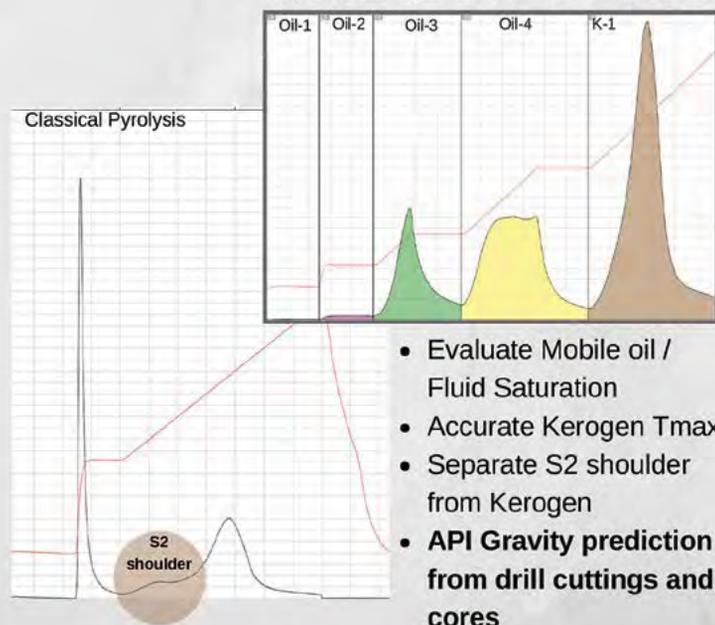
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WEDNESDAY TECHNICAL PROGRAM

Wednesday Poster Presentations

Exhibit Hall 9:00 a.m. – 2:00 p.m.

(Presenters will be in their booths 9:30 a.m. to 11:00 a.m.)

AAPG Student Research Poster Session II

Co-Chairs: A. Janevski and B. Strickland

- P1 **Temperature From Seismic Data: Application in the Lüderitz Basin, Offshore Namibia:** A. Sarkar, M. Huuse, B. Campbell
- P2 **Penetrative Strain Related Porosity Loss in Clastic Reservoir Units of the Denver-Julesburg Basin:** M. E. Hatfield, C. M. Burberry
- P3 **Discrete-Element Modeling of Diapirism and Sedimentation on Continental Margins: A New Modeling Approach of Salt Deformation:** L. M. Pichel, E. Finch*, R. Gawthorpe, M. Huuse, J. Redfern
- P4 **Assessing Thermal Maturity of Different Oil Shale Samples Using Laser Raman Spectroscopy:** M. G. Kibria, S. Das, Q. Hu, A. R. Basu
- P5 **Facies Architecture and Controls on Reservoir Behavior in the Turonian Wall Creek Member of the Frontier Formation in the Powder River Basin, Wyoming:** N. La Fontaine, M. Hofmann, T. T. Le, T. Hoffman
- P6 **Reconciling Taxonomic Discrepancies in the Globigerinoides Ruber-Elongatus Plexus, and Isotopic Implications in the Gulf of Mexico and Caribbean Basins:** E. A. Brown, M. Pamela, M. F. Weinkauff
- P7 **Characterization of Lateral and Vertical Trends in Deep Marine Distal Levee Deposits of the Neoproterozoic Isaac Formation, Windermere Supergroup, British Columbia, Canada:** C. Cunningham, R. C. Arnott
- P8 **Deep-Water Sedimentation and Stratigraphic Evolution of the West Xylokaastro Fault Block of the Plio-Pleistocene Corinth Rift, Greece: Implications for Syn-Rift Reservoir Distribution:** T. Cullen, R. Collier, R. Gawthorpe, D. M. Hodgson
- P9 **Influence of Bioturbation on the Reservoir Quality of Miocene Slope Carbonates:** R. Mustacato, T. D. Frank
- P10 **Stratigraphy, Sedimentology, and Geochemistry of the East Texas Upper Jurassic Smackover Carbonate Ramp Succession:** P. J. Schemper, R. G. Loucks, Q. Fu
- P11 **Significance of Microbialites in Reservoir Development and Evolution in Silurian Reef Slope Deposits at Pipe Creek Jr. Quarry, Indiana, and the Michigan Basin:** A. Santiago Torres, J. Karsten, G. M. Grammer, D. Prezbindowski, J. Havens, B. Dattilo
- P12 **Reservoir Characterization and 3-D Modeling of Silurian Reef Slopes: Pipe Creek Jr. Quarry, Grant County, Indiana:** J. Karsten, A. Santiago Torres, G. M. Grammer, D. Prezbindowski, J. Havens, B. Dattilo
- P13 **Fluid Flow Behaviors Under Architectural Controls of the Wall Creek Member in the Frontier Formation: Western Powder River Basin, Wyoming:** T. T. Le, T. Hoffman, N. La Fontaine, M. Hofmann

AAPG Student Research Poster Session III

Co-Chairs: A. Janevski and B. Strickland

- P14 **Geostatistical Analysis of Meandering Processes and Channel Migration: Case Study of Modern Analogues for the Long Nab Member, Scalby Formation, Yorkshire, United Kingdom:** S. W. Saadi, D. Hodgetts*
- P15 **It's About to Get a Lot Less Salty – Comparison of a Fluvial Outcrop to Estuarine Outcrops Using UAV-Based Outcrop Modeling in the Lower Cretaceous McMurray Formation, Northeast Alberta, Canada:** D. Hayes, E. Timmer, M. Ranger, M. Gingras

- P16 **Creating an Initial Exploration Framework for the Berea Sandstone in the Appalachian Basin:** S. L. Rice, P. Cullen, B. Currie, J. Miles
- P17 **Systematic Lithologic Characterization of Neogene Mass-Transport Deposits, Mississippi Canyon of the Northern Gulf of Mexico, U.S.A.:** M. A. Gutierrez, J. W. Snedden, P. M. Parr
- P18 **Mass Transport Deposits (MTD) Seismic Facies Control on Topography Creation for Later Turbidite Deposition in the Taranaki Basin, Offshore New Zealand:** J. Nwoko, M. Huuse, I. Kane
- P19 **Intracanyon Sands Delivery and Distribution of the Baiyun Submarine Canyon System: An Integrated Study Using Piston Cores, 3-D Seismic Data, and Numerical Modeling:** S. Gao, Y. Wang, H. Zhuo, X. Wang, W. Li, L. Yang, J. Zhou
- P20 **Microfacies and Reservoir Heterogeneity and Architecture of the D5 and D6 Members of Middle Jurassic Carbonates Dhurma Formation in Outcrops, Central Saudi Arabia:** I. M. Yousif, O. Abdullatif, M. Makkawi, M. Bashri, M. Salih
- P21 **Stratigraphic Sequence and Facies Control on Reservoir Quality and Productivity of Early to Middle Miocene Fluvial-Deltaic Deposits, Formation 2, Gulf of Thailand:** P. Henglai, M. Pranter
- P22 **Pore Characterization of the Organic-Rich Devonian-Mississippian Bakken Shales in the Williston Basin:** J. Xu, S. Sonnenberg
- P23 **Geochemical Characterization of the Eocene Organic-Rich Shales in Dongying Sag, Bohai Bay Basin, China:** H. Zhang, H. Huang, H. Lin, L. Ma, Q. Wei, C. Chai
- P24 **Evidence for East African Orogenic Transpression and Cenozoic Tension in Neoproterozoic Basement Rocks, Northwestern Ethiopian Plateau:** S. Bowden, N. Gani, T. Alemu, B. Abebe, K. Tadesse
- P25 **Seismic Stratigraphy, Facies, and Geomorphology of the Jurassic Legendre Delta, North West Shelf, Australia: Implications for Subaqueous Clinofolds and Sediment Gravity Flow:** P. Chen, C. Elders
- P26 **Allogenic and Autogenic Controls in Appalachian Basin, Middle Pennsylvanian Allegheny Formation, Central – Northern West Virginia:** O. Abatan, A. Weislogel, M. Blake

AAPG Student Research Poster Session IV

Co-Chairs: A. Janevski and B. Strickland

- P27 **Sequence Stratigraphic Framework for the Upper Devonian Ohio Shale in the Appalachian Basin:** P. Cullen, B. Currie
- P29 **Regional Stratigraphy and Organic Richness of Meramecian and Equivalent Strata, Anadarko Basin, Central Oklahoma:** J. Miller, A. Cullen, M. Pranter
- P30 **Characterization and Origin of Oxfordian Dolomites in the Western High Atlas, Morocco:** N. Al-Sinawi, C. Hollis, S. Schröder, J. Redfern
- P31 **Constraints on Carbonate Platform Geometry as it Relates to the Fabric of the Upper Slope:** A. LeBeau, X. Li*, J. Payne
- P32 **Cross-Stratification in Turbidite Systems:** I. S. de Cala, L. Amy, M. Patacci, R. M. Dorrell, W. D. McCaffrey
- P33 **Dry Well Analysis of Well 10-5 in the Norwegian Sea:** J. Qamar, B. Wang, N. Cardozo, L. Schulte
- P34 **Petroleum System Modeling as an Important Technique for Oil and Gas Search Within the Arctic Shelf:** I. A. Sannikova, A. V. Stoupakova, R. S. Sautkin, M. A. Bolshakova, A. A. Suslova
- P35 **Mesozoic Tectonostratigraphy of the Guinea Plateau, West Africa, Records Successive Rift Phases of the Central and Equatorial Atlantic:** B. E. Serrano-Suarez, P. Mann
- P36 **Study on Sedimentary Microfacies in Bara Area, Muglad Basin, Sudan:** W. Yanqi, Z. Guangya, K. Weili, H. Tongfei

WEDNESDAY TECHNICAL PROGRAM

- P37 **Rock Magnetic Cyclostratigraphy of the Pliocene and Quaternary Sediments of the Fisher Valley Basin, Utah:** J. M. Stine, J. W. Geissman, D. Sweet
- P38 **Creatures From the Bakken Lagoons: Palynology Confirms the Brackish Depositional Environment With Implications for Basin Evolution:** B. J. Rice, M. di Pasquo, P. Doughty, G. W. Grader, P. E. Isaacson
- P39 **Characteristics of Expert Behavior in Problem Solving and Workflow Strategy in Seismic Interpretation:** M.A. Jackson, J.P. Dobbs, E.M. Riggs

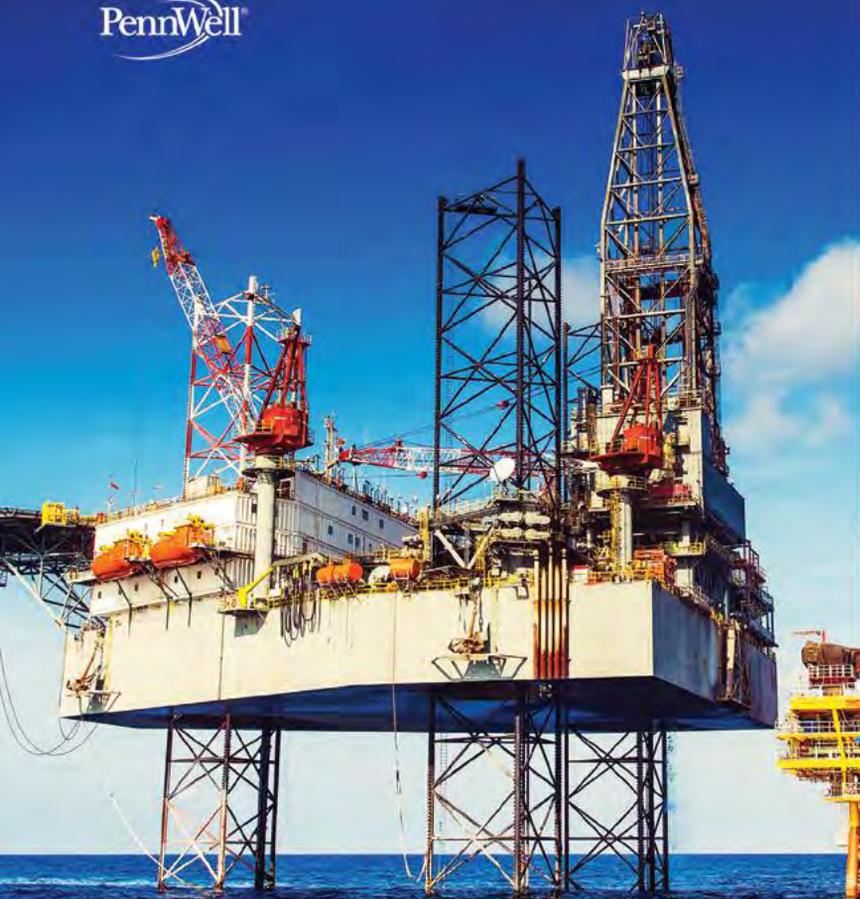
SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans

Co-Chairs: C. Johnson and M. Olson

- P41 **Comparing Aggradation, Superelevation, and Avulsion Frequency of Submarine and Fluvial Channels:** Z. Jobe, N. Howes, I. Georgiou, D. Cai, H. Deng, F. J. Laugier, L. Shumaker
- P42 **Depositional Facies and High-Resolution Sequence Stratigraphic Analysis of a Mixed-Process Influenced Deltaic System in a Stormy Ramp Setting: The Cretaceous Gallup System, New Mexico, U.S.A.:** W. Lin, J. P. Bhattacharya
- P43 **Assessing the Role of Detrital Zircon Sorting on Provenance Interpretations in an Ancient Fluvial System Using Paleohydraulics – Permian Cutler Group, Paradox Basin, Utah and Colorado:** C. P. Findlay, R. C. Ewing, N. Perez
- P44 **Leeuwin Current Activity Controls Benthic Foraminifera on the Carnarvon Ramp, Western Australia: From Inception to Flow Optimum:** C. Haller, P. Hallock, A. C. Hine, C. G. Smith

- P45 **A Potential Source For the Early Cretaceous Barents Sea Sink Through Discharge Estimations Of the Fluvial Festningen Sandstone In Svalbard, Norway:** C. Myers, J. Holbrook
- P46 **Effects of Highstand Mud Accumulation on the Evolution of the Central Texas Coast:** C. I. Odezulu, T. Swanson, J. B. Anderson
- P47 **Mapping Fluvial Injection Points and Sediment Provenance in Rifted Basins Using Detrital Zircon U-Pb Geochronology, Paleogene of the Raoyang Sag, Bohai Bay Basin, China:** H. Chen, X. Zhu, L. Wood
- P48 **Origin and Stratigraphic Significance of Phosphatic Beds in Fine-Grained Thin-Bedded Turbidites of Neoproterozoic Upper Kaza Group, Windermere Supergroup: Implications for Source and Sink:** L. Navarro, R. C. Arnott
- P49 **Source-to-Sink at Continental Margins: A Novel Approach to Reservoir Prediction in Offshore Deep-Water Settings:** B. H. Lodhia, G. G. Roberts, A. Fraser, J. Jarvis
- P50 **Sedimentology and Provenance of an Alluvial Fan Progradation, Middle Thumb Member, Horse Spring Formation, Western Lake Mead, Nevada:** B. Demircan, P. Umhoefer

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WEDNESDAY TECHNICAL PROGRAM

Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)

Co-Chairs: K. Sementelli and L. Stright

- P51 **Reservoir Geology Aspects of Lula Supergiant Field, Santos Basin – Brazilian Pre-Salt Province:** S. Pedrinha, V. Artagão, T. P. Moreira, L. S. Freitas, E. Richter, B. T. Santos
- P52 **Testing Regional Depositional Models and Capturing Stratigraphic and Diagenetic Heterogeneities in Carbonate Reservoirs Using Forward Numerical Modeling: A Case Study From the Lower Cretaceous of Oman:** C. M. John, M. Al-Salmi, N. Hawie
- P53 **Controls on Carbonate Tidal Grainstones – Examples From the Delaware Basin Outcrop and Midland Basin Reservoirs, Permian Basin:** C. Kerans, J. Rush, C. K. Zahm
- P54 **Effects of Erosional Scours on Reservoir Properties of Thinly Bedded, Distal Lower Shoreface Sandstone Reservoirs:** G. Onyenanu, G. Hampson, P. Fitch, M. D. Jackson
- P55 **Geostatistical Integration of Multiscale Data to Construct a Hunton Group Geocellular Model: Upscaling Logs and Downscaling Seismic Impedance Volumes:** B. Milad, R. Slatt, K. Marfurt
- P56 **Empirical Characterization of the Geometry of Fluvial Channel Deposits: Implications for Object-Based Reservoir Modeling:** L. Colombera, N. P. Mountney, G. Medici
- P57 **Heterogeneity in the Lower Paleozoic Shales From the Peri-Baltic Basin (Central Europe) – How Lithology and Sedimentary Features Affect Geochemical and Mechanical Properties of Rocks:** J. Roszkowska-Remin, R. Pachytel
- P58 **Geologically Realistic Fluvial Point Bar Geocellular Models: Conditioning Algorithms With Outcrop Statistics:** A. L. McCarthy, L. Stright, P. R. Durkin, S. Hubbard
- P59 **Exploring Multi-Scale Heterogeneity of Braided-Fluvial Reservoirs: Implications for Reservoir Performance:** J. J. Tellez, K. Lewis, S. Clark, R. Cole, M. Pranter, Z. Reza
- P60 **Fluvial Architecture of the Burro Canyon Formation Using UAV-Based Photogrammetry: Implications for Reservoir Performance, Rattlesnake Canyon, Colorado:** K. Lewis, M. Pranter, Z. Reza, R. Cole
- P61 **Sedimentation and Diagenesis of a Miocene-Pliocene Narrow, Restricted Shelf Mixed-System: Cibao Basin, Dominican Republic:** B. Burke, D. F. McNeill, J. S. Klaus, P. Swart
- P62 **Mechanical Stratigraphy in Cyclic Platform Carbonates, Arrow Canyon, Nevada:** J. Bishop, V. Heesakkers, E. Earnest, S. Banerjee, D. Goff, K. Kelsch, J. Mohan, N. Raterman, A. Whitaker
- P64 **Are Outcrop Analogues Useful in Reservoir Facies Modeling?:** S. Lomas, M. van Cappelle, L. Colombera, A. ten Hove, S. Cobain

Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs I (SEPM)

Co-Chairs: C. Olariu, B. Vakarelov, and X. Zhu

- P65 **Detailed Stratigraphy and Hydrocarbon Potential of the Devonian-Mississippian Pilot Shale, Western Utah, U.S.A.:** S. Bereskin, T. C. Chidsey, J. S. Pratt, D. Taff
- P66 **Database-Driven Analysis of Geologic Controls on the Geometry of Incised-Valley Fills: Implications for Facies and Sequence Stratigraphic Models:** R. Wang, L. Colombera, N. Mountney
- P67 **Palaeogeographic Evolution of the Andean Cordillera, Associated Drainage Systems and Sediment Supply to Offshore Basins:** A. Ashley, J. Harris, S. Otto, J. Watson, S. Agostini, D. Kay, M. Norman, P. Valdes, P. Allison, A. Avidis, E. Santoro
- P68 **Transgressive Reworking and Its Impact on Sandstone Porosity Improvement: The Vivian Formation, Marañón Basin, Northern Perú:** O. Lopez-Gamundi, C. Lopez-Gamundi

- P69 **Differentiating Stacked Tight Gas Reservoirs of the Spirit River Formation in the Deep Basin of Western Canada Using QEMSCAN Analysis on Cuttings:** E. Street, R. Harris, B. Beshry, M. Enter
- P70 **Intra- and Intersequence Process Changes of Mixed Energy Deltas in Outcrop and Subsurface: Maastrichtian Fox Hills, Washakie Basin, Wyoming:** M. Olariu, C. Olariu, R. Steel
- P71 **Muddy Shorelines of the Paleogene Wilcox Deltas, South Texas Gulf Coast:** M. Olariu, H. Zeng

Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)

Co-Chairs: C. Olariu, B. Vakarelov, and X. Zhu

- P72 **Stratigraphic Architecture and Bayfill Classification in the Upper Cretaceous Neslen Formation, Eastern Book Cliffs, Utah:** J. M. Kjærefjord, C. Thrana, S. Bullimore, T. C. Stenbakk
- P73 **Depositional History and Shoreline Evolution of the Upper Wilcox Group and Lower Reklaw Formation, Northern Bee County, Texas:** W. Ambrose, H. Zeng, M. Olariu, J. Zhang
- P74 **Revised Stratigraphic Synthesis of the Baltimore Canyon Trough: Implications for Reservoir Identification and Analysis:** W. J. Schmelz, K. G. Miller, G. S. Mountain, J. V. Browning
- P75 **Links Between Short-Term Beach Evolution and Resulting Heterogeneities in Wave-Dominated, Upper-Shoreface-Foreshore Sandstone Bodies:** E. Schwarz, G. Veiga, M. Isla
- P76 **Halokinetic Controls on the Evolution of Shallow Marine Facies Architecture: Upper Jurassic Fulmar Formation, UKCS:** J. A. Foey, S. Clarke, I. Stimpson, T. Randles
- P77 **High-Resolution Facies Analysis of the Upper Mancos Shale in the San Juan Basin, New Mexico:** M. Leung, J. P. Bhattacharya
- P78 **Basin Scale Study of a Tight Gas Reservoir: Paleoenvironmental Evolution of a Shallow Marine System in the Early-Middle Jurassic, Neuquén Basin, Argentina:** G. N. Vocaturo, W. Brinkworth, M. L. Loss, E. M. Mortaloni, D. Giunta, J. L. Massaferro
- P79 **Incised Valleys and Shoal Water Deltas: Depositional Model for the Middle Jurassic of the Danish Central Graben:** J. Andsbjerg
- P80 **Integration of the Effects of Bioturbation on Reservoir Quality Into Reservoir Modeling of CRAMA Field, Niger Delta Petroleum Province:** C. A. Jackson, M. Oti, W. Mode, P. Osterloff, G. Pemberton
- P81 **Geomorphology, Sedimentology and Architecture of the Ancient Pearl River Delta System, Northern South China Sea:** W. Chen

Theme 1: Understanding Continental Reservoirs (SEPM)

Co-Chairs: A. Owen, P. Plink-Bjorklund, and A. Wroblewski

- P82 **Analysis of Fluvial Facies Variations of the Price River Formation, Mesaverde Group, Book Cliffs, Utah, U.S.A.:** J. J. Saroni, A. Hartley, A. Owen, J. A. Howell
- P83 **Tectonomorphic Influence on Late Cretaceous-Paleogene Sediment Provenance and Dispersal Through West and South Texas From Detrital Zircon Geochronology:** C. D. Kortyna, J. L. Corchado Albelo, D. F. Stockli, G. Sharman, J. Covault
- P84 **Chronostratigraphic and Architectural Analysis of a Modern Point Bar, Powder River, Montana:** B. Warwick, A. Torres, J. Holbrook, J. Moody
- P85 **Clastic/Evaporitic Interactions in Arid Continental Settings: Implications for Reservoir Characterization and Modeling:** R. P. Pettigrew, S. Clarke, P. Richards, A. E. Milodowski
- P86 **Fluvial-Aeolian Interactions Within Arid Continental Basins: Implications for Reservoir Characterisation and Basin Modeling:** C. L. Priddy, S. Clarke, P. Richards, T. Randles
- P87 **Tide-Modulated Fluvial Sedimentation in a Highly Meandering Channel Near the Dry-Season Tidal Limit of Sittaung River, Myanmar:** K. Choi, J. Jo, D. Kim

WEDNESDAY TECHNICAL PROGRAM

- P88 **Scaling of Fluvial Sand Body Lateral Dispersal Patterns From Normal Flow to Backwater Hydraulic Conditions: Implications for the Cretaceous McMurray Formation, Alberta, Canada:** A. Wahbi, E. Prokocki, M. Blum
- P90 **Characterization of the Neogene Fluvial Reservoirs in the Qinhuangdao (QHD) 32-6 Field: An Integrated Approach Using Seismic Spectral Deconvolution, Sand-Constrained Seismic Forward Modeling, and Densely-Spaced Well Data:** W. Li, D. Yue, S. Wu
- P91 **Pattern of Dual Sequence Structures and Their Forming Mechanism in A Compressional Basin: A Case Study of the Junggar Basin, West China:** X. Du, Y. Lu*, P. Chen
- P92 **New Ideas in Old Places: Raton Basin Depositional Model as a Distributive Fluvial System (DFS):** S. C. Horne, R. I. Harrison, J. Holbrook, A. Hartley
- P93 **Regional Fluvial Architecture and Reservoir Modeling of the Trail Member of the Ericson Sandstone, Mesaverde Group in Wyoming, Utah, and Colorado:** C. A. Jolley, A. A. Treviño*, S. Hudson
- P94 **Structural Interpretation, Trapping Styles and Hydrocarbon Potential of Block-X, Northern Depobelt, Onshore Niger Delta:** O. C. Adeigbe, O. O. Alo
- P95 **Applicability of Sequence Stratigraphic Models to Thick Fluvial Successions in Tectonically-Active Basins:** W. W. Little
- P96 **Reservoir Characterization and Comparisons of Permian and Jurassic Eolian Sandstones From Central Utah:** D. F. Wheatley, P. A. Steele, S. Hollingworth, M. A. Chan, N. Moodie, B. McPherson

Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)

Co-Chairs: F. Hasiuk and C. John

- P97 **Evaluating the Effects of Fluid Chemistry on Dolomite Stoichiometry and Reaction Rate:** H. F. Cohen, S. E. Kaczmarek
- P98 **The Influence of Fault-Controlled Dolomitization on Porosity Modification in the Western Canada Sedimentary Basin:** J. E. Stacey, C. Hollis, H. Corlett, A. Koeshidayatullah
- P99 **Unravelling Reflux Dolomitization: Why Size Matters?:** C. Teoh, J. Laya, F. Whitaker, T. Gabellone, M. Tucker, C. Manche, S. E. Kaczmarek, B. Miller
- P100 **Fluid Histories of Middle Ordovician Fault-Fracture Dolomite Oil Fields of the Southern Michigan Basin:** R. F. Dunseith, J. M. Gregg, G. M. Grammer
- P101 **Genetic Origin and Diagenetic Transformation of LMC Microcrystal Textures in Limestones:** M. Hashim, S. E. Kaczmarek
- P102 **Petrologic Assessment of Diagenetic Evolution in Temporally Equivalent Carbonates of the Marcellus "Shale" From West Virginia, Pennsylvania, and New York:** J. C. Root, T. E. Jordan
- P103 **Interpretation of Recrystallization Processes of Sedimentary Dolomites as Deduced From Crystal Structural and Geochemical Data With Implications for Reservoir Characterization:** G. Lukoczki, P. Sarin, J. M. Gregg, C. M. John
- P104 **Effect of Bioturbation on the Porosity and Permeability of Shelf Carbonates: Examples From the Ulayyah Member of the Hanifa Formations, Central Saudi Arabia:** H. Eltom, S. T. Hasiotis, E. C. Rankey
- P105 **Subaerial Exposure and Diagenesis of the Miocene Kardiva Platform, Maldives:** K. Prince, J. Laya, C. Betzler, G. Eberli, C. Zarkian, P. Swart, J. Reolid, J. Reijmer
- P106 **Carbonate Chemostratigraphy Caveat: Micrite Undergoes Diagenesis:** F. Hasiuk, S. E. Kaczmarek

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WEDNESDAY TECHNICAL PROGRAM

Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)

Co-Chairs: M. Mettraux and J. Rivers

- P107 **Diagenesis of a Lower Cretaceous Limestone Reservoir in a Giant Oilfield, Abu Dhabi, United Arab Emirates: Comparison Between the Crest and Flanks:** M. Alsuwaidi, S. Morad, H. Mansurbeg, M. Paganoni, D. Morad, S. Ehrenberg, A. Al Harethi, I. Al-Aasm
- P108 **Diagenesis and Quality of Deep Cambrian Carbonate Reservoirs From the Tarim Basin, Northwestern China:** K. Goldberg, B. Li
- P109 **Reservoir Characterization and Fracture Network Modeling of the Highly Fractured Dolomitized A-2 Carbonate (Silurian) Gas Storage Reservoirs in the Michigan Basin:** C. Joupperi, D. Reeves, J. Garrett
- P110 **Primary Depositional Facies Controls on Diagenetic Susceptibility and Porosity Evolution in Mixed Carbonate and Chert Intervals, Northwest Arkansas and Southwest Missouri, USA:** B. Price, G. M. Grammer, A. El Belasy, C. M. John
- P111 **Origin of the "Rim Dolomite" at the Salt-Sediment Interface of Patawarta Allochthonous Salt Sheet, Flinders Ranges, South Australia:** R. Kernen, P. L. Poe, K. Giles, C. Fiduk, T. Hearon, M. G. Rowan, B. Brunner, K. Lerer, A. Labrado
- P112 **A Novel Approach to Productivity Prediction of Carbonate Gas Reservoirs From Electrical Image Logs:** D. Wang, B. Xie*, Y. Wu, Q. Lai
- P113 **Pore Types, Origins and Control on Reservoir Heterogeneity of Carbonate Rocks in Middle Cretaceous Mishrif Formation of West Qurna Oilfield, Iraq:** H. Liu, Z. Tian, R. Guo, D. Li, D. Yang
- P114 **Evidence for Karst Controlled Reservoirs in the Jura-Cretaceous Success Formation and the Mississippian Madison Group of West-Central Saskatchewan:** D. Kohlruss
- P115 **Sulfate Source and Model for Thermochemical Sulfate Reduction in the Triassic Feixianguan Carbonate Gas Reservoirs, Sichuan Basin:** G. Wang, F. Hao, H. Zou, P. Li
- P116 **Seismic Fracture Prediction Constrained by Strain Distribution in Tight Carbonate Reservoir, Hojagurluk Fold and Thrust Belt of Amu Darya Right Bank, Turkmenistan:** K. Guo, X. Cheng, L. Fan, L. Li
- P117 **Diagenesis of the San Andres Formation in the Seminole Unit in the Central Basin Platform, West Texas:** L. Jiang, I. J. Duncan

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Co-Chairs: L. Baez and T. Chidsey

- P118 **Stratigraphic and Regional Distribution of TOC in the Vaca Muerta Formation:** M. Tenaglia, R. J. Weger, G. Eberli, P. Swart
- P119 **A New Tight Oil Recoverable Resources Assessment Method Based on Multiple Regression Analysis:** X. Zhang, H. Wang
- P120 **Pore Structure Characterization for Organic-Rich Lower Silurian Shale in the Upper Yangtze Platform, South China: A Possible Mechanism for Pore Development:** L. Chen, Z. Jiang, K. Liu
- P121 **Rock Thermo-Acoustic Emission, Laser Raman Spectroscopy and Infrared Spectroscopical Technique Applied to the Study of Organic Matter Maturity of the Lower Paleozoic Marine Shales in Southern China:** X. Yuan, F. Wang, W. Yang
- P122 **Effect of Acidification Pretreatment on the Deep Shale Mechanical Parameters of Longmaxi-Wufeng Formation in China:** C. Lu, L. Ma, S. Xiao, J. Guo, Q. Feng
- P123 **Emerging Proterozoic Unconventional Gas Plays in the Beetaloo Sub-Basin, Northern Territory, Australia:** D. Close, E. Baruch, C. Altmann, A. Cote, B. Richards
- P124 **Relationship Between Pore Characteristics and Occurrence State of Shale Gas: A Case Study of Lower Silurian Longmaxi Shale in the Upper Yangtze Platform, South China:** L. Chen, Z. Jiang, K. Liu

- P125 **Nano-Scale Pore Structure Characteristics of Organic-Rich Longmaxi Shale Using Argon Gas Adsorption:** H. Zhu, A. Jia, Y. Wei, J. Xu
- P126 **Application of Hydrocarbon Gas Abundance Log in the Rolling Exploration and Development of Offshore Extra-low Resistivity Oilfield: a Case Study of CFD Oilfield Group in Bohai Bay Basin:** W. Yang
- P127 **Geomechanics of Unconventional Carbonate Oil Reservoir, North Kuwait:** S. Khesroh, A. Ashqar A. Al-Jasmi, S. AbdulAziz, C. Chao

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Co-Chairs: M. Abrams and M. Greb

- P128 **Laboratory Research and 3-D DEM Investigation on Mechanical Properties of Gas Hydrate Sand Under Different Temperature, Confining Pressure, and Hydrate Saturation:** H. Zhu, J. Shen, Q. Gao, Y. Dang
- P129 **Drilling and Completion System of Shale Gas Based on Drilling Robot With Multi-Branch Micro-Wellbores:** H. Zhu, J. Zhao, Q. Liu
- P130 **Sensitivity Analysis and Optimization of Technological Parameters During Coupled Liquid CO₂ Fracturing-Huff and Puff Treatment in Tight Oil Reservoirs:** B. Xiao, T. Jiang, B. Lu, S. Zhang, J. Ma
- P131 **Integrated Assessment of Thermal Maturity of Upper Ordovician-Lower Silurian Wufeng-Longmaxi Shale in Southern Sichuan Basin, China:** Y. Wang, N. Qiu, Y. Yang
- P132 **Formation Mechanism and Controlling Factors of Organic Pores in Organic-Rich Shale:** J. Ding, J. Zhang, C. Yang, Z. Huo
- P134 **A Dynamic Reserve Estimation Method for Both Methane and Water in Coal Reservoirs:** Q. Zeng, Z. Wang
- P135 **A Quick Analytical Approach to Estimate Both Free Versus Sorbed Hydrocarbon Contents in Organic-Rich Source Rocks:** M. Romero-Sarmiento, G. Letort, S. Youssouf
- P136 **Experimental Study on the Variation of Porosity and Permeability of Shale With Supercritical Carbon Dioxide Fracturing:** L. Tao, H. Zhu, Q. Liu, X. Tang
- P137 **Models of Shale Gas Content in Open/Closed Shale-Gas Systems Under Geological Conditions:** S. Wei, S. He, W. Yang
- P138 **When the Syn-Depositional Climatic Variations Influence My Source Rock Properties – The Case Study of the Vaca Muerta:** A. Lejay, J. Monkenbusch, L. Martinez, G. Boitnott, L. Louis, F. Gelin

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Co-Chairs: Q. Hu and S. Kanungo

- P139 **Comparison of Fractal-Based Pore Structure Characteristics Between Marine and Continental Shale:** Q. Li, X. Pang, X. Shao
- P140 **Fractal-Based Pore Structure and Gas Adsorption of Shales Across a Maturation Gradient:** Q. Li, X. Pang, X. Shao
- P141 **Pore Structure and Fractal Characterization of Transitional Shales: A Case Study of Sha-3 Member Shales Within Shahejie Formation in Qikou Sag, Huanghua Depression, Northeast China:** S. Pan, M. Zha, C. Gao, X. Ding, J. Qu
- P142 **Diffusion Process, Diffusion Capacity, and Controlling Factors of Shale Gas in the Longmaxi Formation, Southeast of Sichuan Basin, China:** L. Tang, Y. Song, Z. Jiang, X. Tang, Q. Li
- P143 **Sedimentological and Geochemical Responses of Black Shale to Late Ordovician-Early Silurian Geological Events in the Upper Yangtze Area:** L. Wu, Y. Lu, S. Jiang
- P144 **Pore Type and Pore Size Distribution of Tight Reservoir in the Permian Lucaogou Formation of Jimsar Sag, Junggar Basin, Northwest China:** Y. Su, M. Zha, X. Ding, J. Qu, S. Iglauer
- P145 **Multidisciplinary Approach for Assessing the Unconventional Shale Gas Prospect of Cambay, Assam Arakan, Krishna Godavary, and Damodar Basins, India:** A. Boruah
- P146 **Simulation on Heavy Oil Production With In-Situ Combustion in the Northern Oilfield of Thailand:** K. Maneeintr, K. Sasaki

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- P147 **Properties of the Lower Cambrian Shale in the Western Sichuan Basin (South China) and Their Effect on Shale Gas Potential:** Y. Zhang, S. Lu, Z. He, S. Jiang, D. Xiao
- P148 **Geophysical Study on the Landward Limit of Marine Gas Hydrate Stability Zone:** J. Yang, S. Lu
- P149 **Rapid Recognition Approach for Sequence Stratigraphy and Its Application in the Xiuwu Basin:** K. Zhang, Z. Jiang, S. Jiang, X. Xie, T. Liu, Y. Song, C. Jia, W. Liu, L. Yin, Y. Huang, M. Wen
- Theme 4: Assessing Source Rock Properties (AAPG)**
Co-Chairs: C. Campbell and N. Rigg
- P150 **Assessing the Spatial Variability of Shale Maturity Estimates From Raman Spectroscopy:** A. M. Jubbe, P. Jarboe, J. Birdwell, R. Burruss, P. Hackley, B. Valentine
- P151 **Total Organic Carbon (TOC) Estimation and Generation Potential of the Ordovician Maquoketa Shale, Illinois Basin – Using a Modification of the AlogR Technique:** M. Khosravi, D. C. Willette
- P152 **Geochemistry and Microstructure Characterization of Kerogen in Chinese Cambrian Shale: A Combined Experimental and Molecular Simulation Study:** L. Huang, Z. Ning, Q. Wang
- P153 **Geochemical Characteristics of Environmental Conditions Favorable to OM Preservation During the Barremian-Aptian in the Cabo Formation, Organya Basin, Northeast Spain:** C. M. Herdocia, F. J. Maurrasse
- P154 **Lacustrine Environment and Organic Matter Enrichment Mechanism for Source Rock of the Third Member of the Shahejie Formation in the Raoyang Sag, Bohai Bay Basin, Eastern China:** J. Yin, H. Zou
- P155 **From Carbonate Factory Collapse to Recovery: Insights Through Box Modeling of Carbon Isotope Excursions of Oceanic Anoxic Events (OAEs):** T. Larson, B. P. Smith, N. Ettinger
- P156 **Reliable Solid Organic Matter Thermal Maturity Assessment Using Surface Enhanced Raman Spectroscopy and Case Studies:** L. Gao, C. Jiang, M. Rahman, J. Shaw, Y. Tang*
- P157 **Constraining Maikop Source Rock Stratigraphy, Deposition, and Timing Using Chemostratigraphy of Redox-Sensitive Metals, Platinum-Group Elements, and Re-Os Geochronology:** A. Washburn, S. Hudson, D. Selby, N. Shiyanova
- P158 **Dominant Controls on Upper Triassic Organic-Rich Shale Deposition: Geochemical Evidences From the Chang 7 Shale in the Ordos Basin, China:** R. Chen, G. Liu, W. Yuan
- P159 **Applications of Multivariate Curve Resolution to the Interpretation of Geochemical and Mineralogical Data Relevant to Petroleum Systems:** J. Birdwell
- Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG)**
Co-Chairs: A. Thapalia and D. Wavrek
- P160 **The Identification and Origin of Diamondoid and Thiadiamondoid Products From Condensate of the LS2 Well, Tarim Basin: Significance for Oil Exploration Potential of Ultra-Deep Strata:** G. Zhu, Y. Zhang, Z. Zhang, T. Li, P. Greenwood, N. He, K. Grice, Y. Neng
- P161 **Unraveling Oil Migration and Mixing History From Different Structural Belts in the Mahu Depression of Junggar Basin, Northwest China: Constraints From Molecular Geochemistry and Fluid Inclusions:** Z. Chen, J. Li, G. Liu, F. Yang
- P162 **Unraveling the Caribbean Petroleum Habitat:** L. M. Bernardo, J. R. Bonelli
- P163 **Advanced Geochemical Technologies Determine Source-Rock Depositional Environment, Crude Oil Thermal Maturity, and the Extent of Oil Cracking in the Frontier Pegasus Basin, New Zealand:** Z. F. Burton, J. Moldowan, A. Hosford Scheirer, S. Graham
- P164 **A Multiple Isotope (C, H, S & O) Approach to Characterizing Crude Oil Families Within Oil Basins:** C. D. Barrie, K. W. Taylor, J. Zumberge
- P165 **Geochemistry of Oil-Bearing Fluid Inclusions Insight Into Hydrocarbon Charge in Devonian-Mississippian Petroleum Systems, Anadarko Basin:** I. Al Atwah, S. Mohammadi, S. Sweet, A. Knap, M. Becker
- P166 **Enhanced Understanding of Fluid Variability in Pliocene Reservoirs of the South Caspian Basin:** S. Mehay, M. Hashem, L. Rouis, E. Mollianiyazov, B. Bennett, A. Stankiewicz
- P167 **Using Statistical Techniques to Identify End-Members for Allocating Commingled Oil Samples Produced From Unconventional Reservoirs:** A. S. Kornacki, D. K. Baskin, M. McCaffrey
- P168 **Geochemistry of Trace Elements as a Tool for Geochemical Production Allocation: Case Study of Crude Oils From the Arabian Basin:** M. E. Abu Alreesh, J. Casey, Y. Gao, W. Yang, I. Al Atwah, D. Jacobi
- P169 **A New Method to Improve the Prediction Accuracy on TOC of Source Rock by BP Neural Network Model:** C. Li, Z. Liu, W. Li
- Theme 4: Understanding Source Rocks From Generation to Production (AAPG)**
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- P171 **Geochemical and Isotopic Signatures of Thermochemical Sulfate Reduction in Hydrous Pyrolysis vs. Long-Term Hydrous Heating Experiments:** M. A. Alrowaie, A. Schimmelmann, P. E. Sauer, L. M. Pratt
- P172 **The Origin, Accumulation, and Escape of Natural Gas in the Songdong and Baodao Regions in the Eastern Qiongdongnan Basin, South China Sea:** A. Su
- P173 **Hydrocarbon Fluid Charge History and Pore-Pressure Evolution in the Pinghu Slope Belt of the Xihu Depression, East China Sea Basin:** A. Su
- P174 **Charging of JZ20-A Oil Field on the Northern End of Liaoxi Uplift From Multiple Lacustrine Source Rock Intervals and Generative Kitchens, Bohai Bay Basin, China:** L. Tian, D. Tian, C. Xu, K. Wu, R. Zhang, W. Pan
- P175 **CO₂ Utilization in Tight Oil Formation: Interfacial Properties and Minimum Miscibility Pressures in Nanopores:** K. Zhang, N. Jia
- P176 **Organic Geochemical Characteristics and Factors Controlling the Organic Matter Accumulation in Silurian Black Shales From the Ovacic District, Central Taurus Region, Turkey: Implications for Source Rock and Gas Potential:** Z. Doner, M. Kumral, I. H. Demirel, Q. Hu
- P177 **Paleolimnological Environments and the Formation of Organic-Matter-Rich Rocks in the Bohai Bay Basin: An Integrated Geochemical Study of Biomarkers, Stable Carbon and Oxygen Isotope, and Trace Elements:** Q. Wang, F. Hao, H. Zou
- Theme 5: Salt-Involved Structural Styles (AAPG)**
Chair: M. Rowan
- P178 **Estimation of Permeability, Porosity, and Rock Compressibility Properties Using Digital Rock Analysis Technique for Heavy Oil Unconsolidated Sandstone Offshore Brazil Post-Salt:** M. Marsili, P. Rocha, M. F. de Siqueira*, F. Silva, C. Sisk, A. Grader, J. Toelke, A. Jordan
- P179 **Structural and Stratigraphic Evolution of the Sinbad Valley Salt Wall, Northeast Paradox Basin, Southwest Colorado:** J. A. Thompson, K. Giles, T. E. Hearon, B. Trudgill, C. Gannaway, Z. Jobe, M. G. Rowan
- P180 **The Tale of 3 Megaflaps, Paradox Salt Basin, Utah and Colorado:** K. Grisi, K. T. Deatrick, J. A. Thompson, K. Giles

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WEDNESDAY TECHNICAL PROGRAM

- P181 **Controls on Sedimentary Fill in Salt-Walled Mini-Basins of the Triassic and Jurassic, Melville Basin, Western Approaches, United Kingdom:** S. Jones, S. Clarke*, S. Stricker, J. Imber, J. Henderson, S. Egan
- P182 **Geomechanical Characteristics of the DeSoto Canyon Salt Basin, Eastern Gulf of Mexico:** J. Meng, J. C. Pashin, A. Chandra
- P183 **Lateral Variations of Tectonic Shortening in the Kuqa Fold-and-Thrust Belt, Northwest China: Implication for Sub-Salt Hydrocarbon Explorations:** B. Zhao, X. Feng, Y. Gu, J. Liu, X. Liu, N. Gao
- P184 **Patterns of Up-Salt Faults: A Geomechanical Indication for Petroleum Exploration:** S. Song, J. Hou, Y. Liu, Q. Kang, R. Yang

Theme 8: Carbon Management (DEG/EMD)

Co-Chairs: W. Jia and T. Xiao

- P185 **Pre-Injection Reservoir Characterization for CO₂ Storage in the Near Offshore Areas of the Texas Gulf of Mexico:** R. Sabbagh, T. Meckel
- P186 **Integrated Geologic Storage Prefeasibility Study Proximal to Dry Fork Power Station, Powder River Basin, Wyoming:** S. A. Quillinan, N. Bosshart, B. S. Oster, Z. Jiao, Y. Ganshin, E. Phillips, T. Moore, J. F. McLaughlin, C. Nye, D. Bagdonas, N. Jones
- P187 **Controls of Cement Texture and Composition on Sandstone Mechanical Property Changes From Reaction With CO₂-Rich Brine:** Z. Wu, A. Luhmann, A. Rinehart, P. Mozley, T. Dewers, J. Heath, B. Majumdar
- P188 **CarbonSAFE Rocky Mountain Phase I: Seismic Characterization of the Navajo Reservoir, San Rafael Swell, Utah:** K. Haar, R. Balch, R. Will
- P189 **CO₂ Plume Tracking and Monitoring at Wellington Field CO₂ EOR Pilot:** Y. Holubnyak, W. Watney, C. Jackson, B. Campbell, J. Victorine
- P190 **Characterization of the Jurassic Navajo Sandstone of Central Utah: A Potential Carbon Capture and Sequestration Reservoir:** P. A. Steele, M. A. Chan, D. F. Wheatley
- P191 **Impact of the Oil Exploitation on the Abertine Block: Case of the Virunga National Park at the East of DR Congo:** B. L. Bahavu

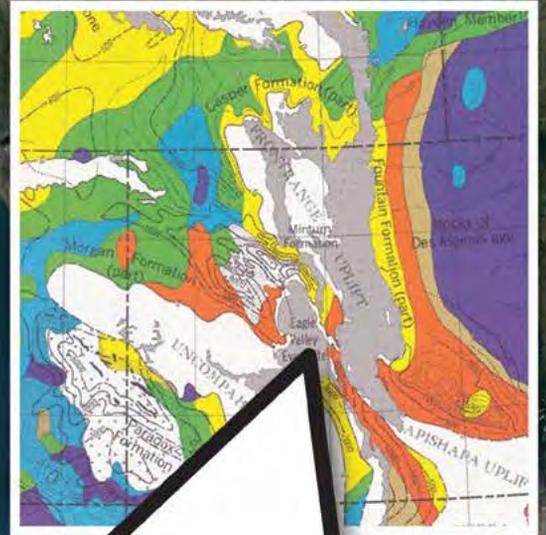
Theme 8: Kemper, Mississippi CO₂ Sequestration Site (DEG)

Co-Chairs: G. Koperna and D. Riestenberg

- P193 **The Paluxy Formation in the East-Central Gulf of Mexico Basin: Geology of an Ultra-Giant Anthropogenic CO₂ Sink:** J. C. Pashin, M. Achang, A. Chandra, A. Folaranmi, S. Martin, J. Meng, S. Urban, C. Wethington, D. E. Riestenberg, G. Koperna, M. Redden-McIntyre, D. J. Hills, R. Esposito
- P194 **Advanced Reservoir and Seal Characterization at the Kemper Storage Site:** J. F. McLaughlin, P. Walsh, E. Lowery, S. Saraji, M. Akbarabadi, M. Piri
- P195 **Evaluation of Potential Geochemical Reactions and Changes in Hydrologic Properties at the Kemper County CO₂ Storage Complex:** L. E. Beckingham, F. Qin, I. Anjkar, B. L. Kirkland, S. Cyphers
- P196 **Investigation of Reactions Between Glauconite and Carbon Dioxide, With Implications for Carbon Sequestration:** A. V. Nguyen, R. Gabitov, L. Beckingham, T. Hossein, F. Yu, B. Kirkland (Presented by: J. Roussard)
- P197 **Seismic Reflection Data Interpretation to Support Project ECO₂S, Kemper County, Mississippi, U.S.A.:** D. J. Hills, J. W. Koster, J. C. Pashin
- P198 **Lessons Learned From Recent CCS Well Construction Projects:** A. Duguid, J. Kirksey*, G. Koperna, D. E. Riestenberg
- P199 **Project ECO₂S: Commercial Scale Risk Management for CO₂ Storage:** K. Hnottavange-Telleen, J. MacGregor, D. E. Riestenberg, D. J. Hills
- P200 **Sequence Stratigraphy of Cretaceous Cycles in the Southern Margin of the Black Warrior Basin, Mississippi: A Potential Reservoir for Geologic Carbon Sequestration:** C. Kyler, B. L. Kirkland, D. E. Riestenberg, G. Koperna, S. Cyphers

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Presenter	Day	a.m./p.m.	Time/Booth	Location	Session Title
Abatan, Olu-Segun	Wed.	all-day	P26	Exhibit Hall	AAPG Student Research Poster Session III
Abelha, Marina	Tue.	a.m.	8:05 a.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region I (SEPM)
Abouelresh, Mohamed	Tue.	all-day	P64	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Abreu, Vitor	Mon.	p.m.	3:45 p.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)
Abu Alreesh, Mohammed	Wed.	all-day	P168	Exhibit Hall	Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG)
Adeigbe, Olubunmi	Wed.	all-day	P94	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Adeyilola, Adedoyin	Mon.	all-day	P28	Exhibit Hall	SEPM Student Research Poster Session I
Agustianto, Devri	Tue.	all-day	P117	Exhibit Hall	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
Ahern, Justin	Mon.	all-day	P16	Exhibit Hall	SEPM Student Research Poster Session I
Ahsan, Naveed	Mon.	all-day	P159	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies II (AAPG/PSGD)
Al Atwah, Ibrahim	Wed.	all-day	P165	Exhibit Hall	Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG)
Aldrich, Jeff	Mon.	all-day	P102	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Al-Hajri, Sa'id	Mon.	a.m.	10:50 a.m.	151 A/B/C/G	Super Basins Forum
Al-Hussaini, Abdulkarim	Mon.	all-day	P69	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture IV (SEPM)
Allan, Malcolm	Tue.	all-day	P185	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Allen, Paul	Tue.	all-day	P33	Exhibit Hall	Theme 1: Deepwater Depositional Environments III (SEPM)
Allis, Rick	Wed.	p.m.	4:20 p.m.	151 A/B/C/G	Theme 6: Hydrocarbons and Geothermal Exploration Techniques: Opportunities for Technical Exchange and Advances (AAPG)
Al-Mufti, Omar	Tue.	p.m.	4:05 p.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Al-Musawi, Mohammed	Tue.	all-day	P54	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern I (SEPM)
Almutairi, Khaled	Mon.	p.m.	3:25 p.m.	Ballroom F	Theme 8: Carbon Management (DEG/EMD)
Alnahwi, Ahmed	Wed.	a.m.	11:30 a.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems II (EMD/SEPM)
Alpheus, Safiya	Tue.	all-day	P2	Exhibit Hall	SEPM Student Research Poster Session II
Alrowaie, Mohammad	Wed.	all-day	P171	Exhibit Hall	Theme 4: Understanding Source Rocks From Generation to Production (AAPG)
Al-Sinawi, Nawwar	Wed.	all-day	P30	Exhibit Hall	AAPG Student Research Poster Session IV
Alsuwaidi, Mohammad	Wed.	all-day	P107	Exhibit Hall	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Alvarenga, Renata	Mon.	all-day	P164	Exhibit Hall	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)
Alvarez, Tricia	Tue.	a.m.	10:30 a.m.	Ballroom F	Theme 5: Structure and Evolution of Oceanic Basins, Margins, and Transforms (AAPG/PSGD)
Ambrose, William	Wed.	a.m.	8:05 a.m.	Ballroom D	Theme 9: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (EMD/AAPG)
Ambrose, William	Wed.	all-day	P73	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)
Ammon, Jens	Tue.	all-day	P5	Exhibit Hall	SEPM Student Research Poster Session II
Amthor, Joachim	Tue.	a.m.	11:30 a.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region I (SEPM)
Amy, Lawrence	Tue.	all-day	P16	Exhibit Hall	Theme 1: Deepwater Depositional Environments I (SEPM)
Anderson, Hugh	Tue.	p.m.	4:45 p.m.	Ballroom F	Theme 5: Salt-Involved Systems: Processes, Architecture, and Evolution (AAPG/PSGD)
Andsbjerg, Jan	Wed.	all-day	P79	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)
Ani, Alexander	Tue.	all-day	P165	Exhibit Hall	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Ansari, Esmail	Mon.	a.m.	8:25 a.m.	Ballroom D	Theme 6: Induced Seismicity (DEG)
Ardakani, Ellie	Mon.	a.m.	10:50 a.m.	Ballroom D	Theme 6: Induced Seismicity (DEG)

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Arienti, Luci	Tue.	a.m.	10:10 a.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region I (SEPM)
Armstrong, William A.	Mon.	p.m.	5:10 p.m.	151 A/B/C/G	Halbouty Lecture
Arthur, Michael	Tue.	all-day	P18	Exhibit Hall	Theme 1: Deepwater Depositional Environments I (SEPM)
Ashley, Alexandra	Wed.	all-day	P67	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs I (SEPM)
Atkins, Carmen	Mon.	all-day	P185	Exhibit Hall	Theme 7: Microbialites and Associated Features in Hydrocarbon Systems of Lakes and Oceans (SEPM)
Auchter, Neal	Tue.	a.m.	10:10 a.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans I
Avanzini, Alessandro	Mon.	all-day	P96	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
B Badejo, Sijibomioluwa	Tue.	all-day	P125	Exhibit Hall	Theme 4: Tools and Techniques for Modeling Petroleum Systems (AAPG)
Bahavu, Bora Uzima	Wed.	all-day	P191	Exhibit Hall	Theme 8: Carbon Management (DEG/EMD)
Ball, Richard	Wed.	a.m.	8:05 a.m.	151 A/B/C/D	DPA Special Forum: The Future Energy Geoscientist
Barbieri, Chiara	Tue.	all-day	P42	Exhibit Hall	Theme 1: Deepwater Depositional Environments IV (SEPM)
Barnett, Andrew	Mon.	all-day	P163	Exhibit Hall	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)
Barredo, Silvia	Mon.	all-day	P173	Exhibit Hall	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)
Barredo, Silvia	Wed.	p.m.	4 p.m.	151 A/B/C/G	Theme 6: Hydrocarbons and Geothermal Exploration Techniques: Opportunities for Technical Exchange and Advances (AAPG)
Barrett, Mary	Sun.	p.m.	12:20 p.m.	Ballroom A	History of Petroleum Geology
Barrett, Mary	Wed.	p.m.	3:20 p.m.	Ballroom D	Theme 8: Energy and Environment (DEG)
Barrie, Craig	Wed.	all-day	P164	Exhibit Hall	Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG)



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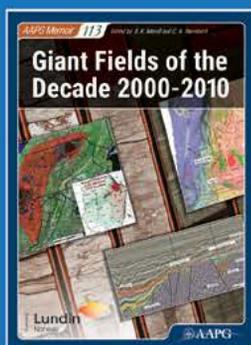
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Bashah, Sara	Tue.	all-day	P49	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern I (SEPM)
Baskin, Robert	Mon.	all-day	P180	Exhibit Hall	Theme 7: Microbialites and Associated Features in Hydrocarbon Systems of Lakes and Oceans (SEPM)
Baur, Friedemann	Mon.	p.m.	4:05 p.m.	Ballroom E	Theme 4: New Applications and Workflows in Basin and Petroleum Systems Modeling (AAPG)
Becerra, Daniela	Mon.	all-day	P12	Exhibit Hall	AAPG Student Research Poster Session I
Beck, William	Mon.	p.m.	2:20 p.m.	Ballroom A	Theme 6: Seismic Imaging Applications (AAPG)
Beckingham, Lauren	Wed.	all-day	P195	Exhibit Hall	Theme 8: Kemper, Mississippi CO ₂ Sequestration Site (DEG)
Behl, Richard	Mon.	all-day	P81	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Behringer, Daniel	Mon.	a.m.	8:25 a.m.	Ballroom A	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
Bell, Daniel	Mon.	all-day	P23	Exhibit Hall	SEPM Student Research Poster Session I
Benoit, Denise	Tue.	p.m.	4:25 p.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Berent, Louis	Mon.	all-day	P129	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Bereskin, S. Robert	Wed.	all-day	P65	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs I (SEPM)
Bernardo, Luis	Wed.	all-day	P162	Exhibit Hall	Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG)
Bernau, Jeremiah	Mon.	all-day	P179	Exhibit Hall	Theme 7: Microbialites and Associated Features in Hydrocarbon Systems of Lakes and Oceans (SEPM)
Bertoch, Austin	Mon.	all-day	P67	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture IV (SEPM)
Betzler, Christian	Wed.	a.m.	9:05 a.m.	Ballroom B	Theme 2: Carbonate Slope-to-Basin Deposits (SEPM)
Bhattacharya, Janok	Tue.	a.m.	10:30 a.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans I
Bi, He	Tue.	all-day	P158	Exhibit Hall	Theme 7: Lake Basins and Their Deposits: From Rifts to Forelands (SEPM)
Bidgoli, Tandis	Mon.	all-day	P65	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture IV (SEPM)
Billington, Tyler	Tue.	all-day	P31	Exhibit Hall	Theme 1: Deepwater Depositional Environments III (SEPM)
Birdwell, Justin	Wed.	a.m.	11:10 a.m.	Ballroom E	Theme 4: Source Rocks – Geochemical Characterization and New Methods (AAPG)
Birdwell, Justin	Wed.	all-day	P159	Exhibit Hall	Theme 4: Assessing Source Rock Properties (AAPG)
Bishop, James	Wed.	all-day	P62	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Blake, Anthony	Wed.	p.m.	2 p.m.	Ballroom D	Theme 8: Energy and Environment (DEG)
Blood, David	Tue.	a.m.	8:25 a.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Blum, Mike	Tue.	a.m.	8:25 a.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans I
Boak, Jeremy	Mon.	a.m.	8:05 a.m.	Ballroom D	Theme 6: Induced Seismicity (DEG)
Bode-Omoleye, Ibukunoluwa	Tue.	all-day	P101	Exhibit Hall	Theme 3: Petrophysics of Unconventional Systems (EMD)
Boersma, Quinten	Tue.	all-day	P145	Exhibit Hall	Theme 5: Fault and Fracture Characterization II (AAPG)
Bohacs, Kevin	Tue.	a.m.	8:25 a.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region I (SEPM)
Boling, Kenneth	Mon.	all-day	P148	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies I (AAPG/PSGD)
Bomberger, Cody	Tue.	all-day	P194	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
Boruah, Annapurna	Wed.	all-day	P145	Exhibit Hall	Theme 3: Global Shale Systems III (EMD/SEPM)
Bost, Richard	Mon.	all-day	P189	Exhibit Hall	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)
Bost, Richard	Wed.	p.m.	1:20 p.m.	Ballroom D	Theme 8: Energy and Environment (DEG)
Bost, Richard	Wed.	p.m.	2:20 p.m.	Ballroom D	Theme 8: Energy and Environment (DEG)
Bowden, Shelby	Wed.	all-day	P24	Exhibit Hall	AAPG Student Research Poster Session III
Brinkerhoff, Riley	Mon.	a.m.	8:45 a.m.	Ballroom B	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)

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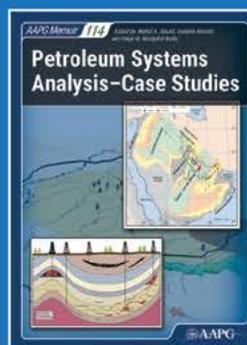
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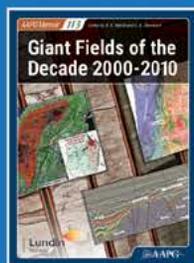
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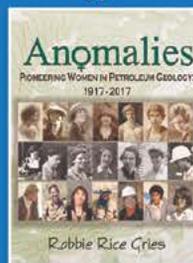


Days and Times:

Sunday
5:30 p.m. – 7:30 p.m.
 Tuesday
9:00 a.m. – 12:00 p.m.

Location: Exhibit Hall, AAPG Center
Authors: Charles Sternbach and
Robert Merrill

Anomalies: Pioneering Women in Petroleum Geology 1917-2017

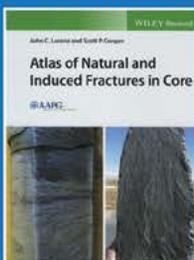


Days and Times:

Monday
2:00 p.m. – 4:00 p.m.
 Tuesday
9:00 a.m. – 12:00 p.m.

Location: Exhibit Hall, AAPG Center
Author: Robbie Gries

Atlas of Natural and Induced Fractures in Core



Days and Times:

Tuesday
2:00 p.m. – 4:00 p.m.

Location: Exhibit Hall, AAPG Center
Author: John Lorenz

A World of Culture, Oil and Golf



Days and Times:

Wednesday
9:00 a.m. – 12:00 p.m.

Location: Exhibit Hall, AAPG Center
Author: David Allard

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Brito, Richard	Mon.	p.m.	2:20 p.m.	Ballroom B	Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)
Broadhead, Ronald	Tue.	all-day	P79	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
Broadhead, Ronald	Wed.	p.m.	2 p.m.	Ballroom E	Theme 4: Advances in Understanding Hydrocarbon and Non-Hydrocarbon Gases (AAPG)
Brown, Elizabeth	Wed.	all-day	P6	Exhibit Hall	AAPG Student Research Poster Session II
Bugge, Aina	Tue.	all-day	P197	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
Burdick, Donald	Tue.	p.m.	2 p.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success II
Burke, Brandon	Wed.	all-day	P61	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Burke, Lauri	Tue.	all-day	P107	Exhibit Hall	Theme 3: Petrophysics of Unconventional Systems (EMD)
Burke, Lauri	Tue.	all-day	P108	Exhibit Hall	Theme 6: Integrating Petrophysics, Lab Analyses, and Geology (AAPG)
Burton, Zachary	Wed.	all-day	P163	Exhibit Hall	Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG)
Busetti, Seth	Wed.	p.m.	2 p.m.	Ballroom F	Theme 5: Faults, Fractures, and Fluid Flow (AAPG)
Busson, Jean	Wed.	a.m.	11:10 a.m.	Ballroom B	Theme 2: Carbonate Slope-to-Basin Deposits (SEPM)
Bynum, Jamar	Tue.	all-day	P8	Exhibit Hall	SEPM Student Research Poster Session II
Callies, Marie	Tue.	all-day	P126	Exhibit Hall	Theme 4: Tools and Techniques for Modeling Petroleum Systems (AAPG)
Callies, Marie	Wed.	a.m.	10:50 a.m.	Ballroom E	Theme 4: Source Rocks – Geochemical Characterization and New Methods (AAPG)
Camp, Wayne	Tue.	p.m.	2:20 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems I (EMD/SEPM)
Campbell, Rachel	Wed.	p.m.	1:20 p.m.	Ballroom C	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs (SEPM)
Canada, Andrew	Mon.	a.m.	11:10 a.m.	Ballroom B	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Canada, Taylor	Tue.	all-day	P50	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern I (SEPM)
Cao, Binfeng	Mon.	all-day	P77	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Carlotto, Marco	Tue.	a.m.	10:30 a.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region I (SEPM)
Carlson, Douglas	Mon.	all-day	P197	Exhibit Hall	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)
Carroll, Alan	Mon.	a.m.	8:05 a.m.	Ballroom B	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Casciano, Claudio	Mon.	p.m.	1:20 p.m.	Ballroom C	Theme 1: Deep-Water System Interactions With Static and Dynamic Seafloor Topography, Relative Roles of Autocyclic and Allocyclic Modulation (SEPM)
Cercone, David	Mon.	a.m.	11:30 a.m.	Ballroom E	Theme 4: Geochemistry – From Exploration to Production (AAPG)
Cerqueira, Renato	Tue.	all-day	P182	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Chaboureau, Anne-Claire	Wed.	a.m.	11:30 a.m.	Ballroom E	Theme 4: Source Rocks – Geochemical Characterization and New Methods (AAPG)
Chan, Marjorie	Mon.	all-day	P66	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture IV (SEPM)
Chang, Jian	Tue.	all-day	P127	Exhibit Hall	Theme 4: Tools and Techniques for Modeling Petroleum Systems (AAPG)
Chang, Sehoon	Tue.	all-day	P186	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Chauvin, Benjamin	Wed.	a.m.	8:25 a.m.	Ballroom F	Theme 5: Structural Geometry, Evolution, and Strain Modeling – Integrated Geomechanical, Geometrical, and Analogue-Based Approaches (AAPG)
Chen, Guohui	Mon.	all-day	P113	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Chen, Hehe	Wed.	all-day	P47	Exhibit Hall	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans
Chen, Lei	Mon.	a.m.	11:30 a.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems I (EMD/SEPM)
Chen, Lei	Wed.	all-day	P120	Exhibit Hall	Theme 3: Global Shale Systems I (EMD/SEPM)

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Chen, Lei	Wed.	all-day	P124	Exhibit Hall	Theme 3: Global Shale Systems I (EMD/SEPM)
Chen, Peng	Wed.	all-day	P25	Exhibit Hall	AAPG Student Research Poster Session III
Chen, Ruiqian	Wed.	all-day	P158	Exhibit Hall	Theme 4: Assessing Source Rock Properties (AAPG)
Chen, WeiTao	Wed.	all-day	P81	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)
Chen, Zhelong	Wed.	all-day	P161	Exhibit Hall	Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG)
Chevitarese, Daniel	Tue.	all-day	P192	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
Chevitarese, Daniel	Wed.	a.m.	10:10 a.m.	Ballroom D	Theme 9: Machine Learning for Seismic Interpretation (AAPG)
Chidsey, Thomas	Wed.	p.m.	3:40 p.m.	Ballroom B	Theme 2: Carbonates of Western North America (SEPM)
Chiniwala, Barzin	Tue.	p.m.	1:40 p.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Choi, Kyungsik	Wed.	all-day	P87	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Chopra, Satinder	Mon.	a.m.	10:10 a.m.	Ballroom A	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
Chopra, Satinder	Tue.	a.m.	11:10 a.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Clark, Karl	Tue.	all-day	P138	Exhibit Hall	Theme 5: Fault and Fracture Characterization I (AAPG)
Clarke, Robert	Wed.	p.m.	4:20 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems III (EMD/SEPM)
Clarke, Stuart	Tue.	p.m.	3:45 p.m.	Ballroom F	Theme 5: Salt-Involved Systems: Processes, Architecture, and Evolution (AAPG/PSGD)
Clarke, Stuart	Wed.	all-day	P181	Exhibit Hall	Theme 5: Salt-Involved Structural Styles (AAPG)
Close, David	Wed.	all-day	P123	Exhibit Hall	Theme 3: Global Shale Systems I (EMD/SEPM)
Coalson, Edward	Tue.	all-day	P55	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern I (SEPM)
Coe, Jordan	Mon.	all-day	P70	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture IV (SEPM)
Cohen, Alan	Tue.	p.m.	3:45 p.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success II
Cohen, Hanna	Wed.	all-day	P97	Exhibit Hall	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Cole, Grant	Wed.	p.m.	4 p.m.	Ballroom C	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs (SEPM)
Colombera, Luca	Mon.	a.m.	10:30 a.m.	Ballroom C	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Colombera, Luca	Wed.	all-day	P56	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Conte, Roy	Tue.	all-day	P88	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)
Cook, Doug	Wed.	a.m.	8:25 a.m.	Ballroom D	Theme 9: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (EMD/AAPG)
Corbett, Patrick	Tue.	p.m.	1:40 p.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region II (SEPM)
Core, Elson	Tue.	all-day	P52	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern I (SEPM)
Correa, Luciano	Mon.	all-day	P190	Exhibit Hall	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)
Cousins, David	Mon.	all-day	P45	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture II (SEPM)
Covault, Jacob	Mon.	p.m.	1:40 p.m.	Ballroom C	Theme 1: Deep-Water System Interactions With Static and Dynamic Seafloor Topography, Relative Roles of Autocyclic and Allocyclic Modulation (SEPM)
Covault, Jacob	Mon.	all-day	P55	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture III (SEPM)
Cramer, Bradley	Tue.	all-day	P71	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
Crowe, Richard	Mon.	all-day	P199	Exhibit Hall	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)
Csutak, Sebastian	Wed.	p.m.	4:20 p.m.	Ballroom E	Theme 4: Advances in Understanding Hydrocarbon and Non-Hydrocarbon Gases (AAPG)
Cullen, Patrick	Wed.	all-day	P27	Exhibit Hall	AAPG Student Research Poster Session IV
Cullen, Tim	Wed.	all-day	P8	Exhibit Hall	AAPG Student Research Poster Session II
Cullis, Sophie	Tue.	all-day	P30	Exhibit Hall	Theme 1: Deepwater Depositional Environments III (SEPM)
Cumberpatch, Zoe	Mon.	all-day	P9	Exhibit Hall	AAPG Student Research Poster Session I

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Cunningham, Celeste Cupertino, Daniel	Wed. Mon.	all-day a.m.	P7 10:10 a.m.	Exhibit Hall Ballroom B	AAPG Student Research Poster Session II Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Cupertino, Daniel	Tue.	all-day	P162	Exhibit Hall	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Curtis, John	Mon.	a.m.	9:05 a.m.	Ballroom E	Theme 4: Geochemistry – From Exploration to Production (AAPG)
Dahl, Jeremy	Mon.	all-day	P101	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Damuth, John Daniels, Benjamin	Tue. Tue.	all-day a.m.	P37 9:05 a.m.	Exhibit Hall Ballroom A	Theme 1: Deepwater Depositional Environments III (SEPM) SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans I
Daniels, Benjamin Das, Kumar Satyam	Tue. Wed.	all-day a.m.	P11 11:30 a.m.	Exhibit Hall Ballroom F	Theme 1: Deepwater Depositional Environments I (SEPM) Theme 5: Structural Geometry, Evolution, and Strain Modeling – Integrated Geomechanical, Geometrical, and Analogue-Based Approaches (AAPG)
Dashti, Qasem Daudt, Jose	Mon. Mon.	p.m. all-day	1:20 p.m. P175	150 D/E/F/G Exhibit Hall	Theme 3: Global Unconventional Systems II (EMD/SEPM) Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)
Davis, Joe	Tue.	a.m.	8:05 a.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Davis, Thomas Davis, Thomas de Cala, Isabel de Moraes, Marcos de Siqueira, Milena Deacon, Marshall Decker, Paul Demchuk, Thomas	Mon. Wed. Wed. Mon. Wed. Wed. Mon. Tue.	a.m. p.m. all-day p.m. all-day p.m. p.m. p.m.	10:10 a.m. 4:20 p.m. P32 2 p.m. P178 4:20 p.m. 3:25 p.m. 3:45 p.m.	Ballroom F Ballroom D Exhibit Hall 151 A/B/C/G Exhibit Hall Ballroom B 151 A/B/C/G Ballroom A	Theme 5: E&P in Compressional Belts (AAPG/PSGD) Theme 8: Energy and Environment (DEG) AAPG Student Research Poster Session IV Discovery Thinking Forum – Awakening Sleeping Giants Theme 5: Salt-Involved Structural Styles (AAPG) Theme 2: Carbonates of Western North America (SEPM) Discovery Thinking Forum – Awakening Sleeping Giants SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans II
Demircan, Barbaros	Wed.	all-day	P50	Exhibit Hall	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans
DeMott, Laura	Mon.	all-day	P177	Exhibit Hall	Theme 7: Microbialites and Associated Features in Hydrocarbon Systems of Lakes and Oceans (SEPM)
Deng, Hang	Tue.	all-day	P189	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
DeReuil, Aubry	Wed.	a.m.	10:30 a.m.	Ballroom F	Theme 5: Structural Geometry, Evolution, and Strain Modeling – Integrated Geomechanical, Geometrical, and Analogue-Based Approaches (AAPG)
Deschamps, Remy	Mon.	a.m.	10:30 a.m.	Ballroom B	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Deschamps, Remy	Tue.	all-day	P114	Exhibit Hall	Theme 6: Integrating Petrophysics, Lab Analyses, and Geology (AAPG)
Di Stefano, Pietro Di, Haibin Dickinson, Jordan	Wed. Wed. Tue.	a.m. a.m. p.m.	10:50 a.m. 11:10 a.m. 2 p.m.	Ballroom B Ballroom D Ballroom F	Theme 2: Carbonate Slope-to-Basin Deposits (SEPM) Theme 9: Machine Learning for Seismic Interpretation (AAPG) Theme 5: Salt-Involved Systems: Processes, Architecture, and Evolution (AAPG/PSGD)
Dietl, Carlo Dighans, Murray	Wed. Mon.	p.m. p.m.	4 p.m. 3:25 p.m.	Ballroom D Ballroom E	Theme 8: Energy and Environment (DEG) Theme 4: New Applications and Workflows in Basin and Petroleum Systems Modeling (AAPG)
Ding, Jianghui Dobbs, James Dodd, Thomas	Wed. Wed. Mon.	all-day all-day all-day	P132 P39 P169	Exhibit Hall Exhibit Hall Exhibit Hall	Theme 3: Global Shale Systems II (EMD/SEPM) AAPG Student Research Poster Session IV Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)
Doebbert, Amalia	Wed.	p.m.	1:20 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems III (EMD/SEPM)
Domeracki, Daniel Dommissie, Robin	Wed. Wed.	a.m. p.m.	8:05 a.m. 1:40 p.m.	151 A/B/C/D 150 D/E/F/G	DPA Special Forum: The Future Energy Geoscientist Theme 3: North American Unconventional Systems III (EMD/SEPM)
Don, Jessica	Wed.	a.m.	8:45 a.m.	Ballroom F	Theme 5: Structural Geometry, Evolution, and Strain Modeling – Integrated Geomechanical, Geometrical, and Analogue-Based Approaches (AAPG)

A night view of a river in San Antonio, Texas, likely the San Antonio River Walk. The scene is illuminated by warm streetlights and colorful umbrellas (red, yellow, green, blue) along the riverbank. The water reflects the lights, and there are trees and buildings in the background. The overall atmosphere is festive and scenic.

AAPG

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PRESENTER CROSS REFERENCE

Doner, Zeynep	Wed.	all-day	P176	Exhibit Hall	Theme 4: Understanding Source Rocks From Generation to Production (AAPG)
Douds, Ashley	Tue.	all-day	P174	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Doughty, P. Ted	Tue.	all-day	P68	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
Drake, William	Wed.	p.m.	2 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems III (EMD/SEPM)
Droege, Lauren	Mon.	all-day	P111	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Drozd, Richard	Wed.	a.m.	10:10 a.m.	Ballroom E	Theme 4: Source Rocks – Geochemical Characterization and New Methods (AAPG)
Duff, Patrick	Mon.	all-day	P49	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture II (SEPM)
Dufournet, Amelie	Mon.	a.m.	11:30 a.m.	Ballroom C	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Dumesnil, Joe	Tue.	a.m.	10:50 a.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success I
Dundas, Colin	Wed.	a.m.	8:45 a.m.	Ballroom D	Theme 9: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (EMD/AAPG)
Dunlap, Dallas	Mon.	p.m.	2 p.m.	Ballroom C	Theme 1: Deep-Water System Interactions With Static and Dynamic Seafloor Topography, Relative Roles of Autocyclic and Allocyclic Modulation (SEPM)
Dunseith, Regina	Wed.	all-day	P100	Exhibit Hall	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Durkin, Paul	Wed.	p.m.	2 p.m.	Ballroom A	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture (SEPM)
Eberli, Gregor	Tue.	p.m.	4:05 p.m.	Ballroom B	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Egenhoff, Sven	Tue.	all-day	P78	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
Egenhoff, Sven	Wed.	p.m.	3:40 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems III (EMD/SEPM)
Ehni, William	Tue.	all-day	P169	Exhibit Hall	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Eichelberger, Nathan	Wed.	a.m.	8:05 a.m.	Ballroom F	Theme 5: Structural Geometry, Evolution, and Strain Modeling – Integrated Geomechanical, Geometrical, and Analogue-Based Approaches (AAPG)
Eichhubl, Peter	Wed.	p.m.	1:40 p.m.	Ballroom F	Theme 5: Faults, Fractures, and Fluid Flow (AAPG)
Ejembi, John	Mon.	all-day	P20	Exhibit Hall	SEPM Student Research Poster Session I
Eliassen, Gauti	Mon.	all-day	P11	Exhibit Hall	AAPG Student Research Poster Session I
Eljalafi, Abdulah	Mon.	all-day	P181	Exhibit Hall	Theme 7: Microbialites and Associated Features in Hydrocarbon Systems of Lakes and Oceans (SEPM)
Ellis, Geoffrey	Wed.	p.m.	1:40 p.m.	Ballroom E	Theme 4: Advances in Understanding Hydrocarbon and Non-Hydrocarbon Gases (AAPG)
ElSayed, Neveen	Mon.	all-day	P86	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Elsisi, Zarif	Mon.	a.m.	10:10 a.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems I (EMD/SEPM)
Elson, Amy	Tue.	all-day	P164	Exhibit Hall	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Eltom, Hassan	Wed.	all-day	P104	Exhibit Hall	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Endo, Masashi	Mon.	all-day	P128	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Endo, Masashi	Mon.	all-day	P134	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Englert, Rebecca	Wed.	p.m.	4 p.m.	Ballroom A	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture (SEPM)
Euzen, Tristan	Tue.	a.m.	9:05 a.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Evans, Frank	Mon.	a.m.	11:10 a.m.	Ballroom C	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Ewing, Thomas	Mon.	a.m.	10:10 a.m.	151 A/B/C/G	Super Basins Forum

E

PRESENTER CROSS REFERENCE

F

Fang, Huijing	Tue.	all-day	P124	Exhibit Hall	Theme 4: Tools and Techniques for Modeling Petroleum Systems (AAPG)
Fang, Qifei	Mon.	a.m.	10:50 a.m.	Ballroom E	Theme 4: Geochemistry – From Exploration to Production (AAPG)
Faria, Desiree	Tue.	p.m.	1:20 p.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region II (SEPM)
Felletti, Fabrizio	Tue.	all-day	P14	Exhibit Hall	Theme 1: Deepwater Depositional Environments I (SEPM)
Felletti, Fabrizio	Tue.	all-day	P15	Exhibit Hall	Theme 1: Deepwater Depositional Environments I (SEPM)
Fender, Thomas	Tue.	p.m.	2:20 p.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Ferguson, Ross	Tue.	all-day	P38	Exhibit Hall	Theme 1: Deepwater Depositional Environments IV (SEPM)
Ferreira, Rodrigo	Wed.	a.m.	11:30 a.m.	Ballroom D	Theme 9: Machine Learning for Seismic Interpretation (AAPG)
Ferrill, David	Tue.	all-day	P141	Exhibit Hall	Theme 5: Fault and Fracture Characterization I (AAPG)
Ferron, Curtis	Mon.	all-day	P43	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture I (SEPM)
Fetter, Marcos	Tue.	a.m.	8:45 a.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region I (SEPM)
Fielding, Christopher	Wed.	a.m.	9:05 a.m.	Ballroom A	Theme 1: Understanding Continental Reservoirs (SEPM)
Fifariz, Reynaldy	Tue.	all-day	P51	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern I (SEPM)
Filina, Irina	Mon.	all-day	P131	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Finch, Emma	Wed.	all-day	P3	Exhibit Hall	AAPG Student Research Poster Session II
Findlay, Clyde	Wed.	all-day	P43	Exhibit Hall	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans
Flaig, Peter	Mon.	all-day	P60	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture III (SEPM)
Flaig, Peter	Mon.	all-day	P61	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture III (SEPM)
Flotron, Alyssa	Tue.	all-day	P75	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
Foey, James	Wed.	all-day	P76	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)
Forkner, Rob	Mon.	p.m.	4:45 p.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)
Frantz, Carie	Mon.	all-day	P178	Exhibit Hall	Theme 7: Microbialites and Associated Features in Hydrocarbon Systems of Lakes and Oceans (SEPM)
Fritz, Rick	Wed.	a.m.	8:05 a.m.	151 A/B/C/D	DPA Special Forum: The Future Energy Geoscientist
Frost, Brian	Tue.	all-day	P151	Exhibit Hall	Theme 7: Lake Basins and Their Deposits: From Rifts to Forelands (SEPM)
Fryer, Rosemarie	Wed.	p.m.	4:20 p.m.	Ballroom A	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture (SEPM)
Fuhrmann, Arne	Tue.	all-day	P12	Exhibit Hall	Theme 1: Deepwater Depositional Environments I (SEPM)
Furlong, Carolyn	Mon.	all-day	P17	Exhibit Hall	SEPM Student Research Poster Session I
Gall, Ryan	Mon.	a.m.	9:05 a.m.	Ballroom B	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Galvis Portilla, Henry	Mon.	all-day	P19	Exhibit Hall	SEPM Student Research Poster Session I
Gao, Shengmei	Wed.	all-day	P19	Exhibit Hall	AAPG Student Research Poster Session III
Garcia, Hugo	Mon.	all-day	P54	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture III (SEPM)
Gerbaudo Laronga, Stefania	Tue.	a.m.	8:05 a.m.	150 D/E/F/G	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Ghalayini, Ramadan	Mon.	all-day	P149	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies I (AAPG/PSGD)
Ghon, George	Tue.	all-day	P111	Exhibit Hall	Theme 6: Integrating Petrophysics, Lab Analyses, and Geology (AAPG)
Gilhooly, Murray	Wed.	p.m.	3:20 p.m.	Ballroom B	Theme 2: Carbonates of Western North America (SEPM)
Gilmer, Allen	Tue.	p.m.	3:20 p.m.	151 A/B/C/G	Special Executive Forum: Great Innovation Leaders
Girard, Jean-Pierre	Tue.	a.m.	9:05 a.m.	Ballroom B	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Gizatov, Ayrat	Tue.	a.m.	11:10 a.m.	150 D/E/F/G	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Glaccum, Kate	Mon.	p.m.	4:45 p.m.	Ballroom A	Theme 6: Seismic Imaging Applications (AAPG)

G

PRESENTER CROSS REFERENCE

Gladzenko, Tad	Mon.	a.m.	10:50 a.m.	Ballroom C	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Godino, Georgina	Mon.	a.m.	9:05 a.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems I (EMD/SEPM)
Gold, David	Mon.	p.m.	4:05 p.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)
Goldberg, Karin	Wed.	all-day	P108	Exhibit Hall	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Goldstein, Robert	Tue.	all-day	P70	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
Gomes, Sonnet	Mon.	a.m.	10:30 a.m.	Ballroom E	Theme 4: Geochemistry – From Exploration to Production (AAPG)
Gomez, Ernest	Mon.	all-day	P140	Exhibit Hall	Theme 6: Searching for and Discovering Stratigraphic Traps (AAPG)
Gong, Lei	Tue.	all-day	P180	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Goral, Jan	Tue.	a.m.	10:30 a.m.	150 D/E/F/G	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Goswami, Antara	Tue.	all-day	P25	Exhibit Hall	Theme 1: Deepwater Depositional Environments II (SEPM)
Grace, John	Tue.	a.m.	8:25 a.m.	150 D/E/F/G	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Grader, George	Wed.	p.m.	2:20 p.m.	Ballroom B	Theme 2: Carbonates of Western North America (SEPM)
Granath, James	Mon.	all-day	P144	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies I (AAPG/PSGD)
Granjeon, Didier	Wed.	p.m.	2:20 p.m.	Ballroom A	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture (SEPM)
Grant, Timothy	Mon.	p.m.	1:40 p.m.	Ballroom F	Theme 8: Carbon Management (DEG/EMD)
Grechishnikova, Alena	Tue.	p.m.	3:25 p.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Green, Sidney	Tue.	p.m.	3:20 p.m.	151 A/B/C/G	Special Executive Forum: Great Innovation Leaders
Gribenko, Alexander	Mon.	all-day	P135	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Griffin, Andrée	Wed.	a.m.	8:05 a.m.	151 A/B/C/D	DPA Special Forum: The Future Energy Geoscientist
Grisi, Kate	Wed.	all-day	P180	Exhibit Hall	Theme 5: Salt-Involved Structural Styles (AAPG)
Grotzinger, John	Mon.	p.m.	2 p.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)
Grow, Timothy	Tue.	a.m.	11:10 a.m.	Ballroom F	Theme 5: Structure and Evolution of Oceanic Basins, Margins, and Transforms (AAPG/PSGD)
Guglielmetti, Luca	Wed.	p.m.	3:20 p.m.	151 A/B/C/G	Theme 6: Hydrocarbons and Geothermal Exploration Techniques: Opportunities for Technical Exchange and Advances (AAPG)
Guo, Jingxiang	Mon.	all-day	P87	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Guo, Kai	Wed.	all-day	P116	Exhibit Hall	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Gutierrez, Evelin	Mon.	a.m.	9:05 a.m.	Ballroom F	Theme 5: E&P in Compressional Belts (AAPG/PSGD)
Gutierrez, Mario	Wed.	all-day	P17	Exhibit Hall	AAPG Student Research Poster Session III
Guzman, Daniel	Tue.	p.m.	1:40 p.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success II
Gwynn, Mark	Wed.	p.m.	2:20 p.m.	151 A/B/C/G	Theme 6: Hydrocarbons and Geothermal Exploration Techniques: Opportunities for Technical Exchange and Advances (AAPG)
Haar, Kimberley	Wed.	all-day	P188	Exhibit Hall	Theme 8: Carbon Management (DEG/EMD)
Haddad, Elia	Tue.	all-day	P72	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
Hafiz, Ibraheem	Mon.	a.m.	11:10 a.m.	Ballroom F	Theme 5: E&P in Compressional Belts (AAPG/PSGD)
Haggar, Kathleen	Mon.	all-day	P133	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Hagood, William	Tue.	all-day	P109	Exhibit Hall	Theme 6: Integrating Petrophysics, Lab Analyses, and Geology (AAPG)
Haller, Christian	Wed.	all-day	P44	Exhibit Hall	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans
Hansen, Larissa	Wed.	a.m.	9:05 a.m.	Ballroom C	Theme 1: New Insights Into Deep-Water Depositional Processes and Products: Effects on Reservoir Quality, Distribution and Architecture (SEPM)



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Hardwick, Christian	Wed.	p.m.	3:40 p.m.	151 A/B/C/G	Theme 6: Hydrocarbons and Geothermal Exploration Techniques: Opportunities for Technical Exchange and Advances (AAPG)
Harishidayat, Dicky	Tue.	all-day	P21	Exhibit Hall	Theme 1: Deepwater Depositional Environments II (SEPM)
Harris, Brette	Mon.	all-day	P10	Exhibit Hall	AAPG Student Research Poster Session I
Harris, Nicholas	Tue.	a.m.	9:05 a.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Harris, Paul	Mon.	p.m.	1:20 p.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)
Harris, Peter	Tue.	p.m.	4:25 p.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans II
Hartford, Lucas	Mon.	all-day	P123	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Hashim, Mohammed	Wed.	all-day	P101	Exhibit Hall	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Hasiotis, Stephen	Mon.	p.m.	4:05 p.m.	Ballroom B	Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)
Hasiuk, Franciszek	Wed.	all-day	P106	Exhibit Hall	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Haskett, Bill	Tue.	a.m.	10:30 a.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success I
Hatfield, Marques	Wed.	all-day	P2	Exhibit Hall	AAPG Student Research Poster Session II
Havens, Jesse	Tue.	a.m.	8:05 a.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Hawie, Nicolas	Wed.	p.m.	3:20 p.m.	Ballroom A	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture (SEPM)
Hayes, Derek	Wed.	all-day	P15	Exhibit Hall	AAPG Student Research Poster Session III
Hearst, Robert	Mon.	all-day	P127	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Hearst, Robert	Tue.	all-day	P120	Exhibit Hall	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
Hector, Scott	Tue.	p.m.	4:45 p.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success II
Heine, Christian	Tue.	a.m.	8:05 a.m.	Ballroom F	Theme 5: Structure and Evolution of Oceanic Basins, Margins, and Transforms (AAPG/PSGD)
Hemenway, Matthew	Tue.	all-day	P47	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern I (SEPM)
Henglai, Puntira	Wed.	all-day	P21	Exhibit Hall	AAPG Student Research Poster Session III
Hennings, Peter	Mon.	a.m.	10:10 a.m.	Ballroom D	Theme 6: Induced Seismicity (DEG)
Hennissen, Jan	Mon.	a.m.	8:25 a.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems I (EMD/SEPM)
Henry, Christopher	Tue.	all-day	P170	Exhibit Hall	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Henstra, Gijs	Mon.	all-day	P39	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture I (SEPM)
Herdocia, Carlos	Wed.	all-day	P153	Exhibit Hall	Theme 4: Assessing Source Rock Properties (AAPG)
Hern, Caroline	Mon.	all-day	P42	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture I (SEPM)
Hernandez, Jonathan	Mon.	p.m.	2 p.m.	Ballroom A	Theme 6: Seismic Imaging Applications (AAPG)
Heron, Stephen	Tue.	all-day	P43	Exhibit Hall	Theme 1: Deepwater Depositional Environments IV (SEPM)
Hess, Aaron	Mon.	all-day	P38	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture I (SEPM)
Heydari, Ezat	Mon.	p.m.	4:45 p.m.	Ballroom B	Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)
Heydari, Ezat	Tue.	a.m.	10:50 a.m.	Ballroom B	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Heydari, Ezat	Tue.	p.m.	4:45 p.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans II
Hickey, Mark	Mon.	all-day	P132	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Hickman, Garrett	Tue.	all-day	P83	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)
Hildick, Alice	Mon.	all-day	P105	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Hill, Richard	Wed.	p.m.	1:20 p.m.	Ballroom B	Theme 2: Carbonates of Western North America (SEPM)

PRESENTER CROSS REFERENCE

Hills, Denise	Wed.	all-day	P197	Exhibit Hall	Theme 8: Kemper, Mississippi CO ₂ Sequestration Site (DEG)	
Hnottavange-Telleen, Ken	Wed.	all-day	P199	Exhibit Hall	Theme 8: Kemper, Mississippi CO ₂ Sequestration Site (DEG)	
Hodgetts, Dave	Mon.	all-day	P53	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture III (SEPM)	
Hodgetts, Dave	Wed.	all-day	P14	Exhibit Hall	AAPG Student Research Poster Session III	
Hogancamp, Nicholas	Tue.	all-day	P95	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)	
Holbrook, John	Mon.	p.m.	3:25 p.m.	Ballroom B	Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)	
Hollenbach, Andrew	Mon.	a.m.	8:45 a.m.	Ballroom D	Theme 6: Induced Seismicity (DEG)	
Hollingworth, Spencer	Mon.	all-day	P80	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)	
Holubnyak, Yevhen	Mon.	p.m.	1:20 p.m.	Ballroom F	Theme 8: Carbon Management (DEG/EMD)	
Holubnyak, Yevhen	Wed.	all-day	P189	Exhibit Hall	Theme 8: Carbon Management (DEG/EMD)	
Homewood, Peter	Mon.	all-day	P168	Exhibit Hall	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)	
Hongping, Wang	Mon.	all-day	P174	Exhibit Hall	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)	
Hooghan, Bobby	Tue.	all-day	P91	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)	
Hoppes, Kara	Tue.	p.m.	3:25 p.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans II	
Horne, Sean	Wed.	all-day	P92	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)	
Horner, Robert	Mon.	all-day	P51	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture II (SEPM)	
Horner, Sean	Mon.	all-day	P1	Exhibit Hall	AAPG Student Research Poster Session I	
Howell, John	Wed.	a.m.	8:25 a.m.	Ballroom A	Theme 1: Understanding Continental Reservoirs (SEPM)	
Howell, John	Wed.	p.m.	3 p.m.	Ballroom C	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs (SEPM)	
Howlett, Danielle	Mon.	all-day	P27	Exhibit Hall	SEPM Student Research Poster Session I	
Hu, Ningjie	Tue.	all-day	P92	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)	
Hu, Zongquan	Mon.	all-day	P98	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)	
Huang, Liang	Wed.	all-day	P152	Exhibit Hall	Theme 4: Assessing Source Rock Properties (AAPG)	
Huang, Xiu	Mon.	all-day	P184	Exhibit Hall	Theme 7: Microbialites and Associated Features in Hydrocarbon Systems of Lakes and Oceans (SEPM)	
Hubbard, Stephen	Tue.	all-day	P13	Exhibit Hall	Theme 1: Deepwater Depositional Environments I (SEPM)	
Humphreville, Deborah	Tue.	p.m.	1:20 p.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success II	
Humphreville, Deborah	Wed.	p.m.	1:40 p.m.	Ballroom D	Theme 8: Energy and Environment (DEG)	
Huo, Zhipeng	Tue.	a.m.	10:30 a.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)	
Hurst, Peter	Tue.	all-day	P7	Exhibit Hall	SEPM Student Research Poster Session II	
Husinec, Antun	Tue.	all-day	P48	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern I (SEPM)	
Hutter, Alex	Mon.	all-day	P151	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies II (AAPG/PSGD)	
Hybza, Jack	Tue.	all-day	P123	Exhibit Hall	Theme 4: Tools and Techniques for Modeling Petroleum Systems (AAPG)	
I	Ilkay, Steven	Tue.	a.m.	10:10 a.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success I
	Inden, Richard	Tue.	all-day	P56	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern I (SEPM)
Inden, Richard	Wed.	p.m.	1:40 p.m.	Ballroom B	Theme 2: Carbonates of Western North America (SEPM)	
	Wed.	a.m.	9:05 a.m.	Ballroom D	Theme 9: New Discoveries in the Solar System: Implications for Energy and Mineral Resources (EMD/AAPG)	
Iturraran-Viveros, Ursula	Tue.	all-day	P199	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)	
J	Jackson, Christopher	Wed.	all-day	P80	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)
	Jacquemyn, Carl	Mon.	a.m.	8:25 a.m.	Ballroom C	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Jaikla, Chayawan	Tue.	all-day	P35	Exhibit Hall	Theme 1: Deepwater Depositional Environments III (SEPM)	

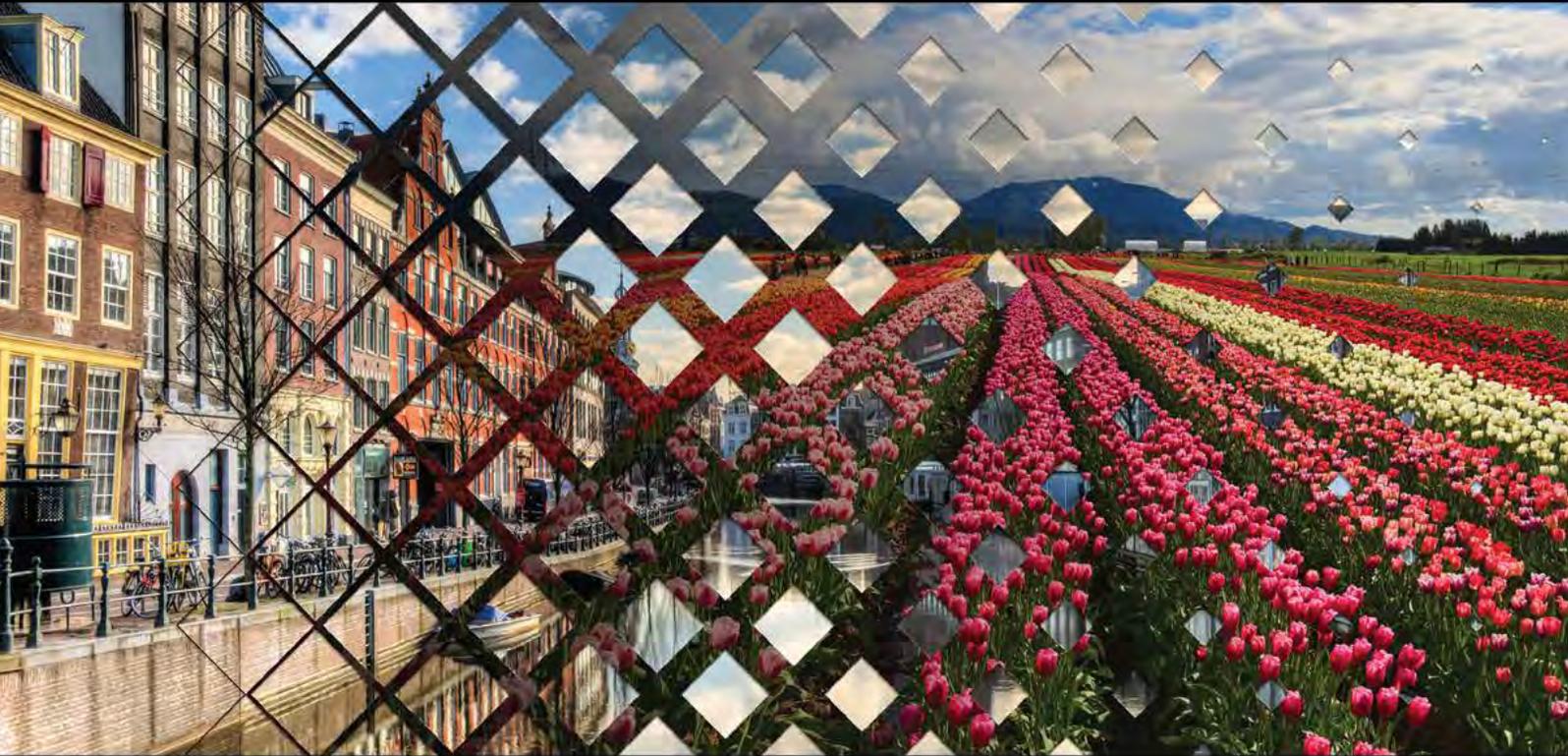
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James, Noel	Tue.	p.m.	1:40 p.m.	Ballroom B	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Janson, Xavier	Wed.	a.m.	8:45 a.m.	Ballroom B	Theme 2: Carbonate Slope-to-Basin Deposits (SEPM)
Jarboe, Palma	Mon.	a.m.	8:25 a.m.	Ballroom E	Theme 4: Geochemistry – From Exploration to Production (AAPG)
Javadpour, Farzam	Tue.	p.m.	4:45 p.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Jensen, Gavin	Mon.	all-day	P198	Exhibit Hall	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)
Jensen, Gavin	Wed.	p.m.	4 p.m.	Ballroom E	Theme 4: Advances in Understanding Hydrocarbon and Non-Hydrocarbon Gases (AAPG)
Jia, Jingkun	Tue.	all-day	P131	Exhibit Hall	Theme 4: Tools and Techniques for Modeling Petroleum Systems (AAPG)
Jia, Wei	Mon.	p.m.	2 p.m.	Ballroom F	Theme 8: Carbon Management (DEG/EMD)
Jiang, Jiajun	Tue.	all-day	P175	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Jiang, Lei	Tue.	a.m.	10:10 a.m.	Ballroom B	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Jiang, Lei	Wed.	all-day	P117	Exhibit Hall	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Jiang, Qicai	Tue.	all-day	P160	Exhibit Hall	Theme 7: Lake Basins and Their Deposits: From Rifts to Forelands (SEPM)
Jobe, Zane	Wed.	all-day	P41	Exhibit Hall	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans
John, Cédric	Wed.	all-day	P52	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Johnson, Benjmain	Mon.	all-day	P143	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies I (AAPG/PSGD)
Johnson, Ronald	Tue.	all-day	P166	Exhibit Hall	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Johnston, Brad	Mon.	all-day	P107	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Jones, Adam	Mon.	all-day	P147	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies I (AAPG/PSGD)
Jones, Evan	Mon.	all-day	P64	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture IV (SEPM)
Jones, Evan	Tue.	p.m.	1:40 p.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans II
Jones, Evan	Wed.	a.m.	10:30 a.m.	Ballroom A	Theme 1: Understanding Continental Reservoirs (SEPM)
Joupperi, Clay	Wed.	all-day	P109	Exhibit Hall	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Jubb, Aaron	Wed.	all-day	P150	Exhibit Hall	Theme 4: Assessing Source Rock Properties (AAPG)
Jung, Eunsil	Mon.	all-day	P71	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture IV (SEPM)
Kaempfe, Sebastian	Mon.	all-day	P21	Exhibit Hall	SEPM Student Research Poster Session I
Kaiser, Jonas	Mon.	p.m.	4:25 p.m.	Ballroom E	Theme 4: New Applications and Workflows in Basin and Petroleum Systems Modeling (AAPG)
Kallir, Stephen	Tue.	p.m.	2 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems I (EMD/SEPM)
Kane, Ian	Mon.	p.m.	3:25 p.m.	Ballroom C	Theme 1: Deep-Water System Interactions With Static and Dynamic Seafloor Topography, Relative Roles of Autocyclic and Allocyclic Modulation (SEPM)
Kang, Jingqian	Tue.	p.m.	4:05 p.m.	Ballroom F	Theme 5: Salt-Involved Systems: Processes, Architecture, and Evolution (AAPG/PSGD)
Karam, Pierre	Tue.	all-day	P137	Exhibit Hall	Theme 5: Fault and Fracture Characterization I (AAPG)
Karsten, Jim	Wed.	all-day	P12	Exhibit Hall	AAPG Student Research Poster Session II
Keighley, Dave	Mon.	a.m.	11:30 a.m.	Ballroom B	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Kenning, Jack	Mon.	all-day	P5	Exhibit Hall	AAPG Student Research Poster Session I
Kerans, Charles	Wed.	all-day	P53	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)

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Kernen, Rachelle	Wed.	all-day	P111	Exhibit Hall	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Khadeeva, Anna	Tue.	all-day	P121	Exhibit Hall	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
Khamaturova, Tatyana	Tue.	a.m.	11:30 a.m.	150 D/E/F/G	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Khesran, Sawsan	Wed.	all-day	P127	Exhibit Hall	Theme 3: Global Shale Systems I (EMD/SEPM)
Khosravi, Mansour	Wed.	all-day	P151	Exhibit Hall	Theme 4: Assessing Source Rock Properties (AAPG)
Kibria, Md	Wed.	all-day	P4	Exhibit Hall	AAPG Student Research Poster Session II
Kiersnowski, Hubert	Tue.	all-day	P19	Exhibit Hall	Theme 1: Deepwater Depositional Environments I (SEPM)
Kilcoyne, David	Tue.	all-day	P77	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
Kirksey, Jim	Wed.	all-day	P198	Exhibit Hall	Theme 8: Kemper, Mississippi CO ₂ Sequestration Site (DEG)
Kirschner, David	Mon.	p.m.	3:25 p.m.	Ballroom A	Theme 6: Seismic Imaging Applications (AAPG)
Kjærefjord, Jostein	Wed.	all-day	P72	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)
Knapp, Levi	Tue.	all-day	P113	Exhibit Hall	Theme 6: Integrating Petrophysics, Lab Analyses, and Geology (AAPG)
Kohlruss, Dan	Wed.	all-day	P114	Exhibit Hall	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Kolos, Danylo	Mon.	a.m.	10:30 a.m.	Ballroom D	Theme 6: Induced Seismicity (DEG)
Komaromi, Bram	Tue.	all-day	P147	Exhibit Hall	Theme 5: Fault and Fracture Characterization II (AAPG)
Kong, Xiangye	Mon.	all-day	P158	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies II (AAPG/PSGD)
Koo, Woong Mo	Mon.	all-day	P63	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture IV (SEPM)
Kornacki, Alan	Mon.	all-day	P95	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Kornacki, Alan	Wed.	all-day	P167	Exhibit Hall	Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG)
Kortyna, Cullen	Wed.	all-day	P83	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Kosanke, Tobi	Tue.	all-day	P96	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)
Kosmitis, David	Tue.	p.m.	4:45 p.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Kotarba, Maciej	Wed.	p.m.	2:20 p.m.	Ballroom E	Theme 4: Advances in Understanding Hydrocarbon and Non-Hydrocarbon Gases (AAPG)
Kremer, Yannick	Tue.	all-day	P134	Exhibit Hall	Theme 5: Fault and Fracture Characterization I (AAPG)
Kreuzer, Rebecca	Mon.	a.m.	8:45 a.m.	Ballroom E	Theme 4: Geochemistry – From Exploration to Production (AAPG)
Krueger, Ana	Tue.	a.m.	8:25 a.m.	Ballroom F	Theme 5: Structure and Evolution of Oceanic Basins, Margins, and Transforms (AAPG/PSGD)
Krumm, Robert	Tue.	all-day	P100	Exhibit Hall	Theme 3: Petrophysics of Unconventional Systems (EMD)
Kukla, Peter	Tue.	a.m.	11:10 a.m.	Ballroom B	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
KunleDare, Mojisola	Mon.	p.m.	2:20 p.m.	Ballroom F	Theme 8: Carbon Management (DEG/EMD)
Kyler, Christopher	Wed.	all-day	P200	Exhibit Hall	Theme 8: Kemper, Mississippi CO ₂ Sequestration Site (DEG)
Kynaston, David	Mon.	all-day	P32	Exhibit Hall	SEPM Student Research Poster Session I
La Fontaine, Nathan	Wed.	all-day	P5	Exhibit Hall	AAPG Student Research Poster Session II
Lai, Jin	Tue.	p.m.	1:20 p.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Langford, Richard	Tue.	p.m.	3:25 p.m.	Ballroom F	Theme 5: Salt-Involved Systems: Processes, Architecture, and Evolution (AAPG/PSGD)
Larmier, Salomé	Tue.	all-day	P144	Exhibit Hall	Theme 5: Fault and Fracture Characterization II (AAPG)
Larson, Toti	Wed.	all-day	P155	Exhibit Hall	Theme 4: Assessing Source Rock Properties (AAPG)
Laugier, Fabien	Tue.	all-day	P46	Exhibit Hall	Theme 1: Deepwater Depositional Environments IV (SEPM)
Laugier, Fabien	Wed.	a.m.	11:30 a.m.	Ballroom C	Theme 1: New Insights Into Deep-Water Depositional Processes and Products: Effects on Reservoir Quality, Distribution and Architecture (SEPM)
Lazerson, Jared	Mon.	all-day	P192	Exhibit Hall	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)
Le Calvez, Joel	Wed.	all-day	P133	Exhibit Hall	Theme 3: Global Shale Systems II (EMD/SEPM)
Le Calvez, Joel	Mon.	p.m.	4:45 p.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems II (EMD/SEPM)
Le, Tuan	Wed.	all-day	P13	Exhibit Hall	AAPG Student Research Poster Session II

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Lebit, Hermann	Tue.	p.m.	2:20 p.m.	Ballroom F	Theme 5: Salt-Involved Systems: Processes, Architecture, and Evolution (AAPG/PSGD)
Lebit, Hermann	Tue.	all-day	P116	Exhibit Hall	Theme 6: Integrating Petrophysics, Lab Analyses, and Geology (AAPG)
Lee, Michael	Mon.	all-day	P136	Exhibit Hall	Theme 6: Searching for and Discovering Stratigraphic Traps (AAPG)
Lejay, Alain	Wed.	all-day	P138	Exhibit Hall	Theme 3: Global Shale Systems II (EMD/SEPM)
León-Francisco, Juan	Tue.	p.m.	3:25 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems I (EMD/SEPM)
Leung, Matthew	Wed.	all-day	P77	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)
Lewis, Kelsey	Wed.	all-day	P60	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Li, Chenxi	Wed.	all-day	P169	Exhibit Hall	Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG)
Li, Huiyong	Tue.	all-day	P66	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Li, Jianjun	Tue.	all-day	P148	Exhibit Hall	Theme 5: Fault and Fracture Characterization II (AAPG)
Li, Jianjun	Tue.	all-day	P149	Exhibit Hall	Theme 5: Fault and Fracture Characterization II (AAPG)
Li, Jinbu	Mon.	all-day	P6	Exhibit Hall	AAPG Student Research Poster Session I
Li, Junqian	Mon.	all-day	P104	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Li, Meng	Mon.	a.m.	10:30 a.m.	Ballroom A	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
Li, Qi	Mon.	all-day	P97	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Li, Qianwen	Wed.	all-day	P139	Exhibit Hall	Theme 3: Global Shale Systems III (EMD/SEPM)
Li, Qianwen	Wed.	all-day	P140	Exhibit Hall	Theme 3: Global Shale Systems III (EMD/SEPM)
Li, Wei	Wed.	all-day	P90	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Li, Xiaowei	Mon.	all-day	P18	Exhibit Hall	SEPM Student Research Poster Session I
Li, Xiaowei	Wed.	all-day	P31	Exhibit Hall	AAPG Student Research Poster Session IV
Li, Yang	Tue.	all-day	P115	Exhibit Hall	Theme 6: Integrating Petrophysics, Lab Analyses, and Geology (AAPG)
Li, Zhixin	Tue.	all-day	P155	Exhibit Hall	Theme 7: Lake Basins and Their Deposits: From Rifts to Forelands (SEPM)
Li, Zhiyang	Mon.	all-day	P25	Exhibit Hall	SEPM Student Research Poster Session I
Li, Zhiyang	Wed.	p.m.	2:20 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems III (EMD/SEPM)
Liborius Parada, Andreina	Mon.	p.m.	3:25 p.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems II (EMD/SEPM)
Lieber, Robert	Tue.	a.m.	11:30 a.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Lin, Fan-Chi	Mon.	p.m.	3:45 p.m.	Ballroom A	Theme 6: Seismic Imaging Applications (AAPG)
Lin, Pin	Mon.	all-day	P2	Exhibit Hall	AAPG Student Research Poster Session I
Lin, Wen	Wed.	p.m.	3:40 p.m.	Ballroom C	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs (SEPM)
Lin, Wen	Wed.	all-day	P42	Exhibit Hall	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans
Lindsay, Robert	Tue.	p.m.	4:45 p.m.	Ballroom B	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Lingappa, Usha	Mon.	all-day	P182	Exhibit Hall	Theme 7: Microbialites and Associated Features in Hydrocarbon Systems of Lakes and Oceans (SEPM)
Linsel, Adrian	Tue.	all-day	P198	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
Little, William	Wed.	all-day	P95	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Liu, Bei	Mon.	all-day	P82	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Liu, Bei	Tue.	a.m.	8:45 a.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Liu, Guoping	Tue.	all-day	P135	Exhibit Hall	Theme 5: Fault and Fracture Characterization I (AAPG)
Liu, Hangyu	Wed.	all-day	P113	Exhibit Hall	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Liu, Mei	Mon.	all-day	P125	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Liu, Mingliang	Tue.	all-day	P195	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
Liu, Mu	Sun.	p.m.	2:20 p.m.	Ballroom A	History of Petroleum Geology
Liu, Nian	Tue.	all-day	P130	Exhibit Hall	Theme 4: Tools and Techniques for Modeling Petroleum Systems (AAPG)

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Liu, Qianghu	Tue.	all-day	P36	Exhibit Hall	Theme 1: Deepwater Depositional Environments III (SEPM)
Liu, Rui	Tue.	a.m.	10:10 a.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Liu, Yuchen	Mon.	all-day	P106	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Lode, Stefanie	Mon.	all-day	P75	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Lodhia, Bhavik	Wed.	all-day	P49	Exhibit Hall	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans
Loma, Rubén	Mon.	all-day	P166	Exhibit Hall	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)
Lomas, Simon	Wed.	all-day	P64	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Long, Andrew	Tue.	a.m.	9:05 a.m.	Ballroom F	Theme 5: Structure and Evolution of Oceanic Basins, Margins, and Transforms (AAPG/PSGD)
Longman, Mark	Wed.	p.m.	2 p.m.	Ballroom B	Theme 2: Carbonates of Western North America (SEPM)
Lopez-Gamundi, Oscar	Wed.	all-day	P68	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs I (SEPM)
Loucks, Robert	Tue.	a.m.	8:25 a.m.	Ballroom B	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Loucks, Robert	Tue.	p.m.	2:20 p.m.	Ballroom B	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Lu, Cong	Wed.	all-day	P122	Exhibit Hall	Theme 3: Global Shale Systems I (EMD/SEPM)
Lu, Peng	Tue.	a.m.	10:30 a.m.	Ballroom B	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Lu, Peng	Tue.	all-day	P28	Exhibit Hall	Theme 1: Deepwater Depositional Environments II (SEPM)
Lu, Yongchao	Wed.	all-day	P91	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Lukoczki, Georgina	Wed.	all-day	P103	Exhibit Hall	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Luna Gonzalez, Joao	Tue.	all-day	P9	Exhibit Hall	SEPM Student Research Poster Session II
Luneburg, Catalina	Mon.	all-day	P145	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies I (AAPG/PSGD)
Lunkun, Wan	Mon.	all-day	P171	Exhibit Hall	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)
Lunn, Rebecca	Tue.	all-day	P142	Exhibit Hall	Theme 5: Fault and Fracture Characterization II (AAPG)
Lv, Chaohui	Tue.	all-day	P112	Exhibit Hall	Theme 6: Integrating Petrophysics, Lab Analyses, and Geology (AAPG)
Lynds, Ranie	Tue.	p.m.	1:40 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems I (EMD/SEPM)
Ma, Benben	Tue.	a.m.	10:50 a.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Ma, Jian	Mon.	all-day	P90	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Ma, Jian	Mon.	all-day	P91	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Ma, Xugang	Tue.	all-day	P122	Exhibit Hall	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
MacKay, Paul	Wed.	p.m.	1:20 p.m.	Ballroom F	Theme 5: Faults, Fractures, and Fluid Flow (AAPG)
Magoon, Leslie	Wed.	a.m.	8:05 a.m.	Ballroom E	Theme 4: Source Rocks – Geochemical Characterization and New Methods (AAPG)
Mahoney, J Brian	Mon.	a.m.	8:45 a.m.	Ballroom F	Theme 5: E&P in Compressional Belts (AAPG/PSGD)
Mai, Hung	Tue.	all-day	P136	Exhibit Hall	Theme 5: Fault and Fracture Characterization I (AAPG)
Mañas, Marta	Mon.	all-day	P172	Exhibit Hall	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)
Manche, Cameron	Tue.	p.m.	2 p.m.	Ballroom B	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Maneeintr, Kreangkrai	Wed.	all-day	P146	Exhibit Hall	Theme 3: Global Shale Systems III (EMD/SEPM)
Manifold, Lucy	Mon.	all-day	P3	Exhibit Hall	AAPG Student Research Poster Session I
Manos, Telemachos	Mon.	p.m.	3:45 p.m.	Ballroom E	Theme 4: New Applications and Workflows in Basin and Petroleum Systems Modeling (AAPG)
Mao, Youli	Tue.	all-day	P196	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
Marini, Mattia	Mon.	all-day	P72	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture IV (SEPM)

PRESENTER CROSS REFERENCE

Marini, Mattia	Mon.	all-day	P73	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Markert, Kaleb	Mon.	all-day	P124	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Marshall, Courtney	Mon.	a.m.	10:30 a.m.	Ballroom F	Theme 5: E&P in Compressional Belts (AAPG/PSGD)
Martinsen, Ole	Tue.	a.m.	10:50 a.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans I
Mason, Cody	Tue.	a.m.	8:45 a.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans I
Matava, Tim	Mon.	p.m.	2:20 p.m.	Ballroom E	Theme 4: New Applications and Workflows in Basin and Petroleum Systems Modeling (AAPG)
Matos, Renato	Tue.	a.m.	8:45 a.m.	Ballroom F	Theme 5: Structure and Evolution of Oceanic Basins, Margins, and Transforms (AAPG/PSGD)
Matson, Shane	Tue.	a.m.	11:10 a.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success I
Matthews, William	Tue.	p.m.	2:20 p.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans II
McArthur, Adam	Mon.	p.m.	3:45 p.m.	Ballroom C	Theme 1: Deep-Water System Interactions With Static and Dynamic Seafloor Topography, Relative Roles of Autocyclic and Allocyclic Modulation (SEPM)
McBride, John	Mon.	p.m.	4:05 p.m.	Ballroom F	Theme 8: Carbon Management (DEG/EMD)
McCarthy, Andrew	Wed.	all-day	P58	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
McCarthy, Dave	Mon.	all-day	P160	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies II (AAPG/PSGD)
McCarthy, Dave	Mon.	all-day	P161	Exhibit Hall	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)

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McGhee, Claire	Mon.	all-day	P76	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
McGilvery, Thomas	Wed.	a.m.	11:10 a.m.	Ballroom C	Theme 1: New Insights Into Deep-Water Depositional Processes and Products: Effects on Reservoir Quality, Distribution and Architecture (SEPM)
McGinnis, Ronald	Mon.	all-day	P142	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies I (AAPG/PSGD)
McGlue, Michael	Mon.	p.m.	1:40 p.m.	Ballroom B	Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)
McLaughlin, Jonathan	Wed.	all-day	P194	Exhibit Hall	Theme 8: Kemper, Mississippi CO ₂ Sequestration Site (DEG)
McNeill, Donald	Tue.	all-day	P60	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Meddaugh, William	Sun.	p.m.	1:40 p.m.	Ballroom A	History of Petroleum Geology
Meddaugh, William	Mon.	a.m.	8:05 a.m.	Ballroom C	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Medellin, Felipe	Mon.	p.m.	1:40 p.m.	Ballroom E	Theme 4: New Applications and Workflows in Basin and Petroleum Systems Modeling (AAPG)
Mehay, Sabine	Mon.	a.m.	11:10 a.m.	Ballroom E	Theme 4: Geochemistry – From Exploration to Production (AAPG)
Mehay, Sabine	Wed.	all-day	P166	Exhibit Hall	Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG)
Mehrlian, Kaveh	Mon.	all-day	P83	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Meirovitz, Casey	Mon.	all-day	P40	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture I (SEPM)
Meirovitz, Casey	Tue.	all-day	P29	Exhibit Hall	Theme 1: Deepwater Depositional Environments III (SEPM)
Meng, Jingyao	Wed.	all-day	P182	Exhibit Hall	Theme 5: Salt-Involved Structural Styles (AAPG)
Meng, Mianmo	Tue.	all-day	P106	Exhibit Hall	Theme 3: Petrophysics of Unconventional Systems (EMD)
Meyer, Aurelien	Tue.	a.m.	8:45 a.m.	Ballroom B	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Meyer, Aurelien	Tue.	all-day	P110	Exhibit Hall	Theme 6: Integrating Petrophysics, Lab Analyses, and Geology (AAPG)
Milad, Benmadi	Wed.	all-day	P55	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Milkov, Alexei	Wed.	a.m.	8:05 a.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems II (EMD/SEPM)
Milkov, Alexei	Wed.	p.m.	1:20 p.m.	Ballroom E	Theme 4: Advances in Understanding Hydrocarbon and Non-Hydrocarbon Gases (AAPG)
Miller, Joshua	Wed.	all-day	P29	Exhibit Hall	AAPG Student Research Poster Session IV
Miraj, Muhammad	Wed.	a.m.	10:10 a.m.	Ballroom F	Theme 5: Structural Geometry, Evolution, and Strain Modeling – Integrated Geomechanical, Geometrical, and Analogue-Based Approaches (AAPG)
Mitten, Andrew	Mon.	all-day	P57	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture III (SEPM)
Mngadi, Siyanda	Mon.	a.m.	11:30 a.m.	Ballroom D	Theme 6: Induced Seismicity (DEG)
Moldowan, John	Mon.	a.m.	8:05 a.m.	Ballroom E	Theme 4: Geochemistry – From Exploration to Production (AAPG)
Mondino, Fiammetta	Tue.	a.m.	10:50 a.m.	Ballroom F	Theme 5: Structure and Evolution of Oceanic Basins, Margins, and Transforms (AAPG/PSGD)
Montero, Jose	Mon.	all-day	P4	Exhibit Hall	AAPG Student Research Poster Session I
Moore, Joseph	Wed.	p.m.	1:20 p.m.	151 A/B/C/G	Theme 6: Hydrocarbons and Geothermal Exploration Techniques: Opportunities for Technical Exchange and Advances (AAPG)
Moore, Rachael	Tue.	all-day	P23	Exhibit Hall	Theme 1: Deepwater Depositional Environments II (SEPM)
Mora, Andres	Mon.	all-day	P141	Exhibit Hall	Theme 6: Searching for and Discovering Stratigraphic Traps (AAPG)
Morgan, Richard	Mon.	all-day	P126	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Morris, Paul	Wed.	a.m.	8:25 a.m.	Ballroom C	Theme 1: New Insights Into Deep-Water Depositional Processes and Products: Effects on Reservoir Quality, Distribution and Architecture (SEPM)
Moscariello, Andrea	Wed.	a.m.	10:30 a.m.	Ballroom B	Theme 2: Carbonate Slope-to-Basin Deposits (SEPM)
Moscariello, Andrea	Wed.	p.m.	1:40 p.m.	151 A/B/C/G	Theme 6: Hydrocarbons and Geothermal Exploration Techniques: Opportunities for Technical Exchange and Advances (AAPG)

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Mulder, Thierry	Wed.	a.m.	8:05 a.m.	Ballroom B	Theme 2: Carbonate Slope-to-Basin Deposits (SEPM)
Mullins, James	Wed.	a.m.	8:05 a.m.	Ballroom A	Theme 1: Understanding Continental Reservoirs (SEPM)
Munawar, Muhammad J.	Tue.	all-day	P156	Exhibit Hall	Theme 7: Lake Basins and Their Deposits: From Rifts to Forelands (SEPM)
Muravchik, Martin	Mon.	p.m.	4:05 p.m.	Ballroom C	Theme 1: Deep-Water System Interactions With Static and Dynamic Seafloor Topography, Relative Roles of Autocyclic and Allocyclic Modulation (SEPM)
Murillo-Muñeton, Gustavo	Mon.	p.m.	1:20 p.m.	Ballroom E	Theme 4: New Applications and Workflows in Basin and Petroleum Systems Modeling (AAPG)
Murray, Titus	Wed.	p.m.	3 p.m.	Ballroom F	Theme 5: Faults, Fractures, and Fluid Flow (AAPG)
Mustacato, Ryan	Wed.	all-day	P9	Exhibit Hall	AAPG Student Research Poster Session II
Myers, Cody	Wed.	all-day	P45	Exhibit Hall	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans
Myers, Grant	Tue.	p.m.	1:20 p.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Myers, Grant	Wed.	p.m.	3 p.m.	Ballroom D	Theme 8: Energy and Environment (DEG)
Nachtmann, Wolfgang	Mon.	a.m.	10:30 a.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems I (EMD/SEPM)
Nader, Fadi	Tue.	all-day	P22	Exhibit Hall	Theme 1: Deepwater Depositional Environments II (SEPM)
Naruk, Steve	Wed.	p.m.	3:20 p.m.	Ballroom F	Theme 5: Faults, Fractures, and Fluid Flow (AAPG)
Nash, Susan	Wed.	p.m.	3:40 p.m.	Ballroom D	Theme 8: Energy and Environment (DEG)
Navarro, Lilian	Wed.	all-day	P48	Exhibit Hall	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans
Neal, Thomas	Tue.	all-day	P53	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern I (SEPM)
Nguyen, Anh	Wed.	all-day	P196	Exhibit Hall	Theme 8: Kemper, Mississippi CO ₂ Sequestration Site (DEG)
Nguyen, Minh	Mon.	p.m.	3:45 p.m.	Ballroom F	Theme 8: Carbon Management (DEG/EMD)
Nichols, Gary	Wed.	a.m.	11:30 a.m.	Ballroom A	Theme 1: Understanding Continental Reservoirs (SEPM)
Nicoll, Graeme	Tue.	a.m.	8:05 a.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans I
Ning, Fei	Tue.	all-day	P200	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
Ningthoujam, Jagabir	Tue.	all-day	P32	Exhibit Hall	Theme 1: Deepwater Depositional Environments III (SEPM)
Nordeng, Stephan	Wed.	a.m.	10:30 a.m.	Ballroom E	Theme 4: Source Rocks – Geochemical Characterization and New Methods (AAPG)
Novak, Aleksandra	Wed.	p.m.	3:20 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems III (EMD/SEPM)
Noyahr, Christopher	Wed.	p.m.	2 p.m.	151 A/B/C/G	Theme 6: Hydrocarbons and Geothermal Exploration Techniques: Opportunities for Technical Exchange and Advances (AAPG)
Nwachukwu, Francis	Mon.	all-day	P7	Exhibit Hall	AAPG Student Research Poster Session I
Nwoko, Jefferson	Wed.	all-day	P18	Exhibit Hall	AAPG Student Research Poster Session III
Odezulu, Christopher	Mon.	all-day	P30	Exhibit Hall	SEPM Student Research Poster Session I
Odezulu, Christopher	Wed.	all-day	P46	Exhibit Hall	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans
Oikonomou, Dimitrios	Tue.	all-day	P176	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Olanipekun, Babatunde	Tue.	a.m.	11:10 a.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Olariu, Cornel	Tue.	all-day	P40	Exhibit Hall	Theme 1: Deepwater Depositional Environments IV (SEPM)
Olariu, Cornel	Tue.	all-day	P153	Exhibit Hall	Theme 7: Lake Basins and Their Deposits: From Rifts to Forelands (SEPM)
Olariu, Mariana	Wed.	all-day	P70	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs I (SEPM)
Olariu, Mariana	Wed.	all-day	P71	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs I (SEPM)
Olobayo, Oluwatobi	Tue.	all-day	P20	Exhibit Hall	Theme 1: Deepwater Depositional Environments II (SEPM)
Omoniyi, Bayonle	Mon.	all-day	P52	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture II (SEPM)
Ono, Kenya	Tue.	all-day	P39	Exhibit Hall	Theme 1: Deepwater Depositional Environments IV (SEPM)
Onyenanu, Godspower	Wed.	all-day	P54	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)

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Ooi, Sher	Tue.	all-day	P59	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Ortega-Lucach, Sandra	Mon.	all-day	P115	Exhibit Hall	Theme 4: Source Rocks: Composition, Kinetics, and New Methods (AAPG)
Ortiz-Karppf, Andrea	Mon.	p.m.	2:20 p.m.	Ballroom C	Theme 1: Deep-Water System Interactions With Static and Dynamic Seafloor Topography, Relative Roles of Autocyclic and Allocyclic Modulation (SEPM)
Owen, Amanda	Wed.	a.m.	8:45 a.m.	Ballroom A	Theme 1: Understanding Continental Reservoirs (SEPM)
Owolabi, Olawumi	Mon.	p.m.	4:05 p.m.	Ballroom A	Theme 6: Seismic Imaging Applications (AAPG)
Padgett, Abbey	Mon.	all-day	P22	Exhibit Hall	SEPM Student Research Poster Session I
Palci, Francesco	Mon.	a.m.	8:05 a.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems I (EMD/SEPM)
Pan, Shouxu	Wed.	all-day	P141	Exhibit Hall	Theme 3: Global Shale Systems III (EMD/SEPM)
Pankaj, Piyush	Mon.	all-day	P108	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Pankaj, Piyush	Tue.	all-day	P86	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)
Pankaj, Piyush	Tue.	all-day	P188	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
Park, Kye-Hun	Mon.	all-day	P156	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies II (AAPG/PSGD)
Parker, John	Mon.	p.m.	1:20 p.m.	151 A/B/C/G	Discovery Thinking Forum – Awakening Sleeping Giants
Parker, John	Mon.	p.m.	4:25 p.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)
Pascariello, Maria	Wed.	p.m.	3:20 p.m.	Ballroom C	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs (SEPM)
Pashin, Jack	Wed.	all-day	P193	Exhibit Hall	Theme 8: Kemper, Mississippi CO ₂ Sequestration Site (DEG)
Patacci, Marco	Tue.	all-day	P34	Exhibit Hall	Theme 1: Deepwater Depositional Environments III (SEPM)
Paton, Douglas	Mon.	all-day	P154	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies II (AAPG/PSGD)
Paul, Debapriya	Tue.	a.m.	10:10 a.m.	Ballroom F	Theme 5: Structure and Evolution of Oceanic Basins, Margins, and Transforms (AAPG/PSGD)
Paumard, Victorien	Wed.	p.m.	4:20 p.m.	Ballroom C	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs (SEPM)
Paxton, Stanley	Tue.	all-day	P97	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)
Peacock, Julia	Mon.	a.m.	8:25 a.m.	Ballroom B	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Pedersen, Per	Tue.	all-day	P85	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)
Pedersen, Per	Wed.	a.m.	8:45 a.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems II (EMD/SEPM)
Pedrinha, Saulo	Wed.	all-day	P51	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Pei, Yangwen	Mon.	a.m.	11:30 a.m.	Ballroom F	Theme 5: E&P in Compressional Belts (AAPG/PSGD)
Pemberton, Erin	Wed.	p.m.	2 p.m.	Ballroom C	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs (SEPM)
Peng, Sheng	Tue.	all-day	P99	Exhibit Hall	Theme 3: Petrophysics of Unconventional Systems (EMD)
Peng, Yang	Tue.	all-day	P3	Exhibit Hall	SEPM Student Research Poster Session II
Pepper, Andrew	Tue.	a.m.	8:45 a.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Percy, Emma	Tue.	all-day	P93	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)
Pérez-Drago, Guillermo	Mon.	all-day	P99	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Perfili, Christopher	Mon.	all-day	P186	Exhibit Hall	Theme 7: Microbialites and Associated Features in Hydrocarbon Systems of Lakes and Oceans (SEPM)
Peryam, Thomas	Tue.	p.m.	4:25 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems I (EMD/SEPM)
Peters, Kenneth	Wed.	all-day	P170	Exhibit Hall	Theme 4: Understanding Source Rocks From Generation to Production (AAPG)
Petrie, Elizabeth	Wed.	p.m.	2:20 p.m.	Ballroom F	Theme 5: Faults, Fractures, and Fluid Flow (AAPG)
Pettigrew, Ross	Wed.	all-day	P85	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Pettinga, Luke	Wed.	a.m.	8:45 a.m.	Ballroom C	Theme 1: New Insights Into Deep-Water Depositional Processes and Products: Effects on Reservoir Quality, Distribution and Architecture (SEPM)
Peyerl, Drielli	Sun.	p.m.	12 p.m.	Ballroom A	History of Petroleum Geology
Peyerl, Drielli	Mon.	all-day	P194	Exhibit Hall	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)
Phillips, Stephen	Tue.	all-day	P1	Exhibit Hall	SEPM Student Research Poster Session II
Philp, Richard	Wed.	a.m.	10:50 a.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems II (EMD/SEPM)

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Pietras, Jeffrey	Mon.	a.m.	10:50 a.m.	Ballroom B	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Pinckston, Rob Podhalanska, Teresa	Mon.	p.m.	4:05 p.m.	151 A/B/C/G	Discovery Thinking Forum – Awakening Sleeping Giants
	Mon.	all-day	P103	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Poe, Piper	Tue.	all-day	P62	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Pohl, Florian	Wed.	a.m.	10:10 a.m.	Ballroom C	Theme 1: New Insights Into Deep-Water Depositional Processes and Products: Effects on Reservoir Quality, Distribution and Architecture (SEPM)
Pommer, Maxwell Popova, Olga	Wed.	p.m.	4 p.m.	Ballroom B	Theme 2: Carbonates of Western North America (SEPM)
	Tue.	p.m.	4:45 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems I (EMD/SEPM)
Prabhakaran, Rahul Present, Theodore	Tue.	all-day	P143	Exhibit Hall	Theme 5: Fault and Fracture Characterization II (AAPG)
	Tue.	a.m.	9:05 a.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Price, Buddy	Wed.	all-day	P110	Exhibit Hall	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Priddy, Charlotte	Wed.	all-day	P86	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Prince, Kieron	Wed.	all-day	P105	Exhibit Hall	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Prochnow, Shane Prokocki, Eric	Wed.	a.m.	10:10 a.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems II (EMD/SEPM)
	Mon.	all-day	P35	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture I (SEPM)
Purkis, Sam	Mon.	p.m.	1:40 p.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)
Purkis, Sam	Tue.	a.m.	8:45 a.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Purves, Steve Pyrzcz, Michael	Wed.	a.m.	10:50 a.m.	Ballroom D	Theme 9: Machine Learning for Seismic Interpretation (AAPG)
	Mon.	a.m.	9:05 a.m.	Ballroom C	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)

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Q	Qamar, Javeria	Wed.	all-day	P33	Exhibit Hall	AAPG Student Research Poster Session IV
	Qi, Jie	Tue.	all-day	P193	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
	Quillinan, Scott	Wed.	all-day	P186	Exhibit Hall	Theme 8: Carbon Management (DEG/EMD)
R	Rahman, Md.	Mon.	all-day	P46	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture II (SEPM)
	Ramsay, Travis	Tue.	a.m.	9:05 a.m.	150 D/E/F/G	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Rankey, Eugene	Tue.	a.m.	8:25 a.m.	Ballroom D		Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Rao, Jonna	Mon.	a.m.	10:50 a.m.	150 D/E/F/G		Theme 3: Global Unconventional Systems I (EMD/SEPM)
Rasmussen, Lindsey	Mon.	all-day	P88	Exhibit Hall		Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Reed, Robert	Tue.	all-day	P84	Exhibit Hall		Theme 3: North American Unconventional Systems (EMD/SEPM)
Reilly, Cathal	Tue.	all-day	P173	Exhibit Hall		Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Reimchen, Aaron	Wed.	p.m.	3 p.m.	150 D/E/F/G		Theme 3: North American Unconventional Systems III (EMD/SEPM)
Reinhardt, Timothy	Tue.	p.m.	4:25 p.m.	Ballroom D		The Business of Oil and Gas: The Many Pathways to Success II
Renaud, Evan	Wed.	p.m.	3 p.m.	151 A/B/C/G		Theme 6: Hydrocarbons and Geothermal Exploration Techniques: Opportunities for Technical Exchange and Advances (AAPG)
Ressel, Michael	Tue.	all-day	P168	Exhibit Hall		Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Reynolds, Andrea	Wed.	a.m.	8:05 a.m.	151 A/B/C/D		DPA Special Forum: The Future Energy Geoscientist
Reynolds, Todd	Mon.	a.m.	9:05 a.m.	Ballroom D		Theme 6: Induced Seismicity (DEG)
Rice, Beverly	Wed.	all-day	P38	Exhibit Hall		AAPG Student Research Poster Session IV
Rice, Savannah	Wed.	all-day	P16	Exhibit Hall		AAPG Student Research Poster Session III
Richards, Bryony	Mon.	p.m.	4:25 p.m.	150 D/E/F/G		Theme 3: Global Unconventional Systems II (EMD/SEPM)
Richards, David	Mon.	a.m.	8:05 a.m.	Ballroom F		Theme 5: E&P in Compressional Belts (AAPG/PSGD)
Riesterberg, David	Mon.	p.m.	4:45 p.m.	Ballroom F		Theme 8: Carbon Management (DEG/EMD)
Ritzer, Samantha	Tue.	p.m.	1:20 p.m.	150 D/E/F/G		Theme 3: North American Unconventional Systems I (EMD/SEPM)
Rivers, John	Tue.	p.m.	3:45 p.m.	Ballroom B		Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Roark, Andy	Wed.	a.m.	10:30 a.m.	150 D/E/F/G		Theme 3: North American Unconventional Systems II (EMD/SEPM)
Rochelle-Bates, Nathan	Tue.	a.m.	9:05 a.m.	151 A/B/C/G		Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region I (SEPM)
Rodriguez Blanco, Leticia	Mon.	a.m.	8:45 a.m.	150 D/E/F/G		Theme 3: Global Unconventional Systems I (EMD/SEPM)
Romero-Sarmiento, Maria	Wed.	all-day	P135	Exhibit Hall		Theme 3: Global Shale Systems II (EMD/SEPM)
Rood, Margaret	Mon.	a.m.	8:45 a.m.	Ballroom C		Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Root, Jonathan	Wed.	all-day	P102	Exhibit Hall		Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Ross, Christopher	Tue.	p.m.	2 p.m.	Ballroom E		Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Roszkowska-Remin, Joanna	Wed.	all-day	P57	Exhibit Hall		Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Roth, Murray	Tue.	a.m.	10:50 a.m.	Ballroom E		Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Rowan, Mark	Tue.	p.m.	1:20 p.m.	Ballroom F		Theme 5: Salt-Involved Systems: Processes, Architecture, and Evolution (AAPG/PSGD)
Rubi, Romain	Tue.	all-day	P26	Exhibit Hall		Theme 1: Deepwater Depositional Environments II (SEPM)
Ruble, Tim	Mon.	p.m.	4:05 p.m.	150 D/E/F/G		Theme 3: Global Unconventional Systems II (EMD/SEPM)
Rudolph, Kurt	Mon.	a.m.	10:50 a.m.	Ballroom F		Theme 5: E&P in Compressional Belts (AAPG/PSGD)
Rudolph, Kurt	Wed.	p.m.	1:40 p.m.	Ballroom C		Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs (SEPM)
Ruiz Lozano, Andres H.	Mon.	all-day	P152	Exhibit Hall		Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies II (AAPG/PSGD)
Ruppel, Stephen	Wed.	p.m.	4 p.m.	150 D/E/F/G		Theme 3: North American Unconventional Systems III (EMD/SEPM)
Ryan, Brooks	Mon.	all-day	P8	Exhibit Hall		AAPG Student Research Poster Session I
Ryan, Brooks	Tue.	a.m.	8:05 a.m.	Ballroom B		Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
S	Sabbagh, Reinaldo	Wed.	all-day	P185	Exhibit Hall	Theme 8: Carbon Management (DEG/EMD)
	Saeid, Essam	Mon.	all-day	P138	Exhibit Hall	Theme 6: Searching for and Discovering Stratigraphic Traps (AAPG)
	Salem, Anthony	Tue.	all-day	P146	Exhibit Hall	Theme 5: Fault and Fracture Characterization II (AAPG)

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Saller, Arthur	Tue.	p.m.	4:25 p.m.	Ballroom B	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Sannikova, Irina	Wed.	all-day	P34	Exhibit Hall	AAPG Student Research Poster Session IV
Sansom, Pamela	Mon.	all-day	P41	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture I (SEPM)
Sansom, Pamela	Wed.	a.m.	10:30 a.m.	Ballroom C	Theme 1: New Insights Into Deep-Water Depositional Processes and Products: Effects on Reservoir Quality, Distribution and Architecture (SEPM)
Santana, Teresa	Mon.	all-day	P137	Exhibit Hall	Theme 6: Searching for and Discovering Stratigraphic Traps (AAPG)
Santiago Torres, Alejandra	Wed.	all-day	P11	Exhibit Hall	AAPG Student Research Poster Session II
Santra, Ashok	Tue.	p.m.	2:20 p.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success II
Sarkar, Arka Dyuti	Wed.	all-day	P1	Exhibit Hall	AAPG Student Research Poster Session II
Saroni, Justina	Wed.	all-day	P82	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Sassi, William	Mon.	all-day	P157	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies II (AAPG/PSGD)
Sassi, William	Wed.	a.m.	11:10 a.m.	Ballroom F	Theme 5: Structural Geometry, Evolution, and Strain Modeling – Integrated Geomechanical, Geometrical, and Analogue-Based Approaches (AAPG)
Schelling, Daniel	Mon.	a.m.	8:25 a.m.	Ballroom F	Theme 5: E&P in Compressional Belts (AAPG/PSGD)
Schemper, Peter	Wed.	all-day	P10	Exhibit Hall	AAPG Student Research Poster Session II
Schieber, Juergen	Mon.	p.m.	1:40 p.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems II (EMD/SEPM)
Schieber, Juergen	Mon.	p.m.	4:25 p.m.	Ballroom B	Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)
Schieber, Juergen	Tue.	p.m.	4:05 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems I (EMD/SEPM)
Schieber, Juergen	Wed.	p.m.	1:20 p.m.	Ballroom A	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture (SEPM)
Schmelz, William	Wed.	all-day	P74	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)
Schnyder, Jara	Wed.	a.m.	8:25 a.m.	Ballroom B	Theme 2: Carbonate Slope-to-Basin Deposits (SEPM)
Scholz, Christopher	Mon.	p.m.	1:20 p.m.	Ballroom B	Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)
Schrynemeeckers, Rick	Mon.	p.m.	4:25 p.m.	Ballroom F	Theme 8: Carbon Management (DEG/EMD)
Schrynemeeckers, Rick	Mon.	all-day	P191	Exhibit Hall	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)
Schuster, Mathieu	Mon.	p.m.	3:45 p.m.	Ballroom B	Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)
Schwangler, Martin	Mon.	p.m.	2 p.m.	Ballroom E	Theme 4: New Applications and Workflows in Basin and Petroleum Systems Modeling (AAPG)
Schwarz, Ernesto	Wed.	all-day	P75	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)
Scott, Jennifer	Tue.	all-day	P154	Exhibit Hall	Theme 7: Lake Basins and Their Deposits: From Rifts to Forelands (SEPM)
Sech, Richard	Mon.	all-day	P48	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture II (SEPM)
Seneshen, David	Wed.	p.m.	3:40 p.m.	Ballroom E	Theme 4: Advances in Understanding Hydrocarbon and Non-Hydrocarbon Gases (AAPG)
Serrano-Suarez, Beatriz	Wed.	all-day	P35	Exhibit Hall	AAPG Student Research Poster Session IV
Setoyama, Eiichi	Tue.	all-day	P45	Exhibit Hall	Theme 1: Deepwater Depositional Environments IV (SEPM)
Shafiq, Muhammad Amir	Wed.	a.m.	10:30 a.m.	Ballroom D	Theme 9: Machine Learning for Seismic Interpretation (AAPG)
Shamsul Anuar, Adreina	Mon.	all-day	P33	Exhibit Hall	SEPM Student Research Poster Session I
Shao, Dali	Mon.	p.m.	4:45 p.m.	Ballroom C	Theme 1: Deep-Water System Interactions With Static and Dynamic Seafloor Topography, Relative Roles of Autocyclic and Allocyclic Modulation (SEPM)
Shao, Xinhe	Wed.	p.m.	3 p.m.	Ballroom E	Theme 4: Advances in Understanding Hydrocarbon and Non-Hydrocarbon Gases (AAPG)
Sharma, Sandeep	Mon.	all-day	P29	Exhibit Hall	SEPM Student Research Poster Session I
Shaw, Ashok	Mon.	all-day	P59	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture III (SEPM)
Sheban, Mara	Tue.	all-day	P4	Exhibit Hall	SEPM Student Research Poster Session II
Sheya, Cameron	Mon.	a.m.	8:05 a.m.	Ballroom A	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
Shi, Hui	Tue.	p.m.	2:20 p.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Shipton, Zoe	Wed.	p.m.	4 p.m.	Ballroom F	Theme 5: Faults, Fractures, and Fluid Flow (AAPG)

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Shoemaker, Michael	Tue.	all-day	P181	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Shorten, Chilisa	Tue.	all-day	P87	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)
Shoup, Robert	Mon.	p.m.	2 p.m.	Ballroom B	Theme 7: Lake Basins and Their Deposits, From Rifts, to Forelands, to Mars (SEPM)
Shumaker, Lauren	Tue.	all-day	P10	Exhibit Hall	Theme 1: Deepwater Depositional Environments I (SEPM)
Sihombing, Enry	Tue.	all-day	P150	Exhibit Hall	Theme 7: Lake Basins and Their Deposits: From Rifts to Forelands (SEPM)
Silverman, Matthew	Sun.	p.m.	1 p.m.	Ballroom A	History of Petroleum Geology
Simmons, Mike	Sun.	p.m.	2 p.m.	Ballroom A	History of Petroleum Geology
Simon, Rebekah	Wed.	a.m.	8:25 a.m.	Ballroom E	Theme 4: Source Rocks – Geochemical Characterization and New Methods (AAPG)
Slack, Maria	Tue.	all-day	P81	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
Slotnick, Benjamin	Tue.	all-day	P132	Exhibit Hall	Theme 4: Tools and Techniques for Modeling Petroleum Systems (AAPG)
Smart, Kevin	Wed.	a.m.	10:50 a.m.	Ballroom F	Theme 5: Structural Geometry, Evolution, and Strain Modeling – Integrated Geomechanical, Geometrical, and Analogue-Based Approaches (AAPG)
Smirnov, Andrey	Mon.	a.m.	10:50 a.m.	Ballroom A	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
Smith, Benjamin	Mon.	p.m.	2:20 p.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)
Smith, Joyce	Mon.	all-day	P85	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Smith, Langhorne	Mon.	p.m.	3:45 p.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems II (EMD/SEPM)
Smith, Tom	Tue.	p.m.	3:20 p.m.	151 A/B/C/G	Special Executive Forum: Great Innovation Leaders
Snedden, John	Tue.	all-day	P58	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Sneddon, Andrew	Mon.	all-day	P112	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Snyder, Fred	Mon.	p.m.	1:40 p.m.	Ballroom A	Theme 6: Seismic Imaging Applications (AAPG)
Socorro, Jander	Mon.	all-day	P116	Exhibit Hall	Theme 4: Source Rocks: Composition, Kinetics, and New Methods (AAPG)
Solum, John	Wed.	p.m.	3:40 p.m.	Ballroom F	Theme 5: Faults, Fractures, and Fluid Flow (AAPG)
Somerville, David	Mon.	all-day	P47	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture II (SEPM)
Song, Suihong	Wed.	all-day	P184	Exhibit Hall	Theme 5: Salt-Involved Structural Styles (AAPG)
Sonnenfeld, Mark	Wed.	p.m.	3 p.m.	Ballroom B	Theme 2: Carbonates of Western North America (SEPM)
Sorkhabi, Rasoul	Sun.	p.m.	1:20 p.m.	Ballroom A	History of Petroleum Geology
Soto-Kerans, Graham	Wed.	a.m.	8:25 a.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems II (EMD/SEPM)
Soutter, Euan	Tue.	all-day	P44	Exhibit Hall	Theme 1: Deepwater Depositional Environments IV (SEPM)
Soutter, Euan	Wed.	a.m.	10:50 a.m.	Ballroom C	Theme 1: New Insights Into Deep-Water Depositional Processes and Products: Effects on Reservoir Quality, Distribution and Architecture (SEPM)
Souza, Rogerio	Tue.	a.m.	11:10 a.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region I (SEPM)
Spencer, Jeff	Sun.	p.m.	12:40 p.m.	Ballroom A	History of Petroleum Geology
Sperling, Erik	Tue.	all-day	P98	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)
Spychala, Yvonne	Wed.	p.m.	3 p.m.	Ballroom A	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture (SEPM)
Stacey, Jack	Wed.	all-day	P98	Exhibit Hall	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Stancliffe, Richard	Tue.	a.m.	10:50 a.m.	150 D/E/F/G	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Stark, Pete	Mon.	a.m.	8:05 a.m.	151 A/B/C/G	Super Basins Forum
Steele, Peter	Wed.	all-day	P190	Exhibit Hall	Theme 8: Carbon Management (DEG/EMD)
Steier, Andrew	Mon.	all-day	P15	Exhibit Hall	AAPG Student Research Poster Session I
Stein, Nathan	Tue.	all-day	P61	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Stevanovic, Vanja	Mon.	all-day	P120	Exhibit Hall	Theme 4: Source Rocks: Composition, Kinetics, and New Methods (AAPG)
Stine, Jonathan	Wed.	all-day	P37	Exhibit Hall	AAPG Student Research Poster Session IV

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Straub, Kyle	Tue.	a.m.	11:10 a.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans I
Street, Eric	Wed.	all-day	P69	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs I (SEPM)
Stright, Lisa	Wed.	p.m.	3:40 p.m.	Ballroom A	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture (SEPM)
Sturmer, Daniel	Mon.	all-day	P146	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies I (AAPG/PSGD)
Su, Ao	Wed.	all-day	P172	Exhibit Hall	Theme 4: Understanding Source Rocks From Generation to Production (AAPG)
Su, Ao	Wed.	all-day	P173	Exhibit Hall	Theme 4: Understanding Source Rocks From Generation to Production (AAPG)
Su, Yang	Wed.	a.m.	8:45 a.m.	Ballroom E	Theme 4: Source Rocks – Geochemical Characterization and New Methods (AAPG)
Su, Yang	Wed.	all-day	P144	Exhibit Hall	Theme 3: Global Shale Systems III (EMD/SEPM)
Sun, Desheng	Mon.	a.m.	11:10 a.m.	Ballroom A	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
Sun, Xun	Wed.	a.m.	9:05 a.m.	Ballroom E	Theme 4: Source Rocks – Geochemical Characterization and New Methods (AAPG)
Sylvester, Zoltan	Mon.	all-day	P50	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture II (SEPM)
Sylvester, Zoltan	Wed.	p.m.	1:40 p.m.	Ballroom A	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture (SEPM)
Szabo, Attila	Tue.	p.m.	3:25 p.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success II
Szymanski, Eugene	Tue.	all-day	P190	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
Taberner, Conxita	Tue.	p.m.	3:25 p.m.	Ballroom B	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Talinga, Draga	Mon.	a.m.	8:45 a.m.	Ballroom A	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
Tang, Ling	Wed.	all-day	P142	Exhibit Hall	Theme 3: Global Shale Systems III (EMD/SEPM)
Tang, Xuan	Mon.	all-day	P117	Exhibit Hall	Theme 4: Source Rocks: Composition, Kinetics, and New Methods (AAPG)
Tang, Yongchun	Tue.	all-day	P129	Exhibit Hall	Theme 4: Tools and Techniques for Modeling Petroleum Systems (AAPG)
Tang, Yongchun	Wed.	all-day	P156	Exhibit Hall	Theme 4: Assessing Source Rock Properties (AAPG)
Tao, Lei	Wed.	all-day	P136	Exhibit Hall	Theme 3: Global Shale Systems II (EMD/SEPM)
Taylor, David	Mon.	all-day	P44	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture II (SEPM)
Tedesco, Steven	Tue.	p.m.	4:05 p.m.	Ballroom D	The Business of Oil and Gas: The Many Pathways to Success II
Tellez, Jerson	Wed.	all-day	P59	Exhibit Hall	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Tenaglia, Maximillian	Wed.	all-day	P118	Exhibit Hall	Theme 3: Global Shale Systems I (EMD/SEPM)
Teoh, Chia Pei	Wed.	all-day	P99	Exhibit Hall	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Teran, Orlando	Wed.	p.m.	4:20 p.m.	Ballroom F	Theme 5: Faults, Fractures, and Fluid Flow (AAPG)
Tesch, Philipp	Mon.	p.m.	3:25 p.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, and Modern I (SEPM)
Tesch, Philipp	Wed.	a.m.	10:10 a.m.	Ballroom B	Theme 2: Carbonate Slope-to-Basin Deposits (SEPM)
Thapalia, Anita	Mon.	all-day	P119	Exhibit Hall	Theme 4: Source Rocks: Composition, Kinetics, and New Methods (AAPG)
Thompson, Jessica	Tue.	p.m.	4:25 p.m.	Ballroom F	Theme 5: Salt-Involved Systems: Processes, Architecture, and Evolution (AAPG/PSGD)
Thompson, Jessica	Wed.	all-day	P179	Exhibit Hall	Theme 5: Salt-Involved Structural Styles (AAPG)
Thompson-Butler, William	Tue.	all-day	P128	Exhibit Hall	Theme 4: Tools and Techniques for Modeling Petroleum Systems (AAPG)
Tiago, Miranda	Tue.	all-day	P139	Exhibit Hall	Theme 5: Fault and Fracture Characterization I (AAPG)
Tian, Fei	Tue.	all-day	P183	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Tian, Fei	Tue.	all-day	P184	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Tian, Lixin	Wed.	all-day	P174	Exhibit Hall	Theme 4: Understanding Source Rocks From Generation to Production (AAPG)
Tillmans, Fabian	Mon.	all-day	P14	Exhibit Hall	AAPG Student Research Poster Session I

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Tilston, Mike	Mon.	p.m.	4:25 p.m.	Ballroom C	Theme 1: Deep-Water System Interactions With Static and Dynamic Seafloor Topography, Relative Roles of Autocyclic and Alloccyclic Modulation (SEPM)
Tinker, Scott W.	Mon.	a.m.	8:45 a.m.	151 A/B/C/G	Super Basins Forum
Tonner, David	Tue.	all-day	P179	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Torres, Ricardo	Tue.	p.m.	4:05 p.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans II
Torres-Parada, Emilio	Tue.	p.m.	1:40 p.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Tosca, Nicholas	Tue.	p.m.	2 p.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region II (SEPM)
Treviño, April	Wed.	all-day	P93	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Tritlla, Jordi	Mon.	all-day	P165	Exhibit Hall	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region (SEPM)
Tritlla, Jordi	Tue.	a.m.	10:50 a.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region I (SEPM)
Trower, Elizabeth	Tue.	a.m.	8:05 a.m.	Ballroom D	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Umbarger, Keelan	Wed.	a.m.	10:10 a.m.	Ballroom A	Theme 1: Understanding Continental Reservoirs (SEPM)
U V Vaisblat, Noga	Tue.	a.m.	8:25 a.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Vakarelov, Boyan	Wed.	a.m.	11:10 a.m.	Ballroom A	Theme 1: Understanding Continental Reservoirs (SEPM)
Vakarelov, Boyan	Wed.	p.m.	2:20 p.m.	Ballroom C	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs (SEPM)
Vallega, Valentina	Tue.	all-day	P82	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
van Unen, Marianne	Mon.	all-day	P150	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies I (AAPG/PSGD)
Varady, Carlos	Tue.	p.m.	3:45 p.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Vendettuoli, Daniela	Wed.	a.m.	8:05 a.m.	Ballroom C	Theme 1: New Insights Into Deep-Water Depositional Processes and Products: Effects on Reservoir Quality, Distribution and Architecture (SEPM)
Ventra, Dario	Wed.	a.m.	10:50 a.m.	Ballroom A	Theme 1: Understanding Continental Reservoirs (SEPM)
Villamizar, Carlos	Mon.	all-day	P139	Exhibit Hall	Theme 6: Searching for and Discovering Stratigraphic Traps (AAPG)
Vital Brazil, Emilio	Tue.	all-day	P191	Exhibit Hall	Theme 9: Computational Geoscience for Energy Innovation (AAPG)
Vocaturu, Griselda	Wed.	all-day	P78	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs II (SEPM)
Wahbi, Abdullah	Wed.	all-day	P88	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Wakefield, Oliver	Tue.	all-day	P140	Exhibit Hall	Theme 5: Fault and Fracture Characterization I (AAPG)
Wahbi, Abdullah	Tue.	a.m.	10:10 a.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Walker, Wylie	Tue.	all-day	P17	Exhibit Hall	Theme 1: Deepwater Depositional Environments I (SEPM)
Walls, Joel	Tue.	p.m.	4:05 p.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Wan, Lin	Mon.	all-day	P74	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Wan, Yujin	Mon.	all-day	P109	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Wang, Chen	Mon.	all-day	P200	Exhibit Hall	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)
Wang, Guangwei	Wed.	all-day	P115	Exhibit Hall	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Wang, Guochang	Mon.	all-day	P110	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems II (EMD)
Wang, Guochang	Wed.	a.m.	11:10 a.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems II (EMD/SEPM)
Wang, Jianqiao	Mon.	all-day	P56	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture III (SEPM)
Wang, Ke	Tue.	p.m.	3:25 p.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Wang, Qi	Wed.	all-day	P177	Exhibit Hall	Theme 4: Understanding Source Rocks From Generation to Production (AAPG)

PRESENTER CROSS REFERENCE

Wang, Ru	Wed.	all-day	P66	Exhibit Hall	Theme 1: Shallow-Marine Depositional Systems, Plays, and Reservoirs I (SEPM)
Wang, Wei	Tue.	all-day	P178	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Wang, Ye	Wed.	all-day	P131	Exhibit Hall	Theme 3: Global Shale Systems II (EMD/SEPM)
Wang, Ying	Mon.	p.m.	2 p.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems II (EMD/SEPM)
Wang, Yulun	Tue.	all-day	P89	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)
Warwick, Blake	Wed.	all-day	P84	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Washburn, Alex	Wed.	all-day	P157	Exhibit Hall	Theme 4: Assessing Source Rock Properties (AAPG)
Wavrek, David	Mon.	all-day	P94	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Webb, Peter	Mon.	all-day	P153	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies II (AAPG/PSGD)
Weger, Ralf	Mon.	all-day	P100	Exhibit Hall	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Wei, Sile	Wed.	all-day	P137	Exhibit Hall	Theme 3: Global Shale Systems II (EMD/SEPM)
Weibel, Rikke	Tue.	p.m.	3:45 p.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
West, Logan	Mon.	all-day	P34	Exhibit Hall	SEPM Student Research Poster Session I
Weyer, Klaus	Mon.	all-day	P187	Exhibit Hall	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)
Wheatley, David	Wed.	all-day	P96	Exhibit Hall	Theme 1: Understanding Continental Reservoirs (SEPM)
Whidden, Katherine	Tue.	all-day	P90	Exhibit Hall	Theme 3: North American Unconventional Systems (EMD/SEPM)
Wigginton, Sarah	Tue.	all-day	P133	Exhibit Hall	Theme 5: Fault and Fracture Characterization I (AAPG)
Wilkins, Scott	Tue.	p.m.	1:40 p.m.	Ballroom F	Theme 5: Salt-Involved Systems: Processes, Architecture, and Evolution (AAPG/PSGD)
Willis, Brian	Mon.	a.m.	10:10 a.m.	Ballroom C	Theme 1: Capturing and Evaluating the Impact of Sedimentologic Heterogeneity in Reservoir Models (SEPM)
Wilson, Nicole	Tue.	p.m.	1:20 p.m.	Ballroom A	SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans II

WHAT YOU SAY MATTERS

ONLY IF PEOPLE ARE LISTENING

So are they? Is your marketing strategy performing at its best? Could it be better? Your business demands it. Your brand deserves it. Our experts can equip your business to not just compete - but dominate.

SEE WHAT YOUR BUSINESS CAN BECOME.
VISIT TRADEQUIP.COM/DOMINATE

Find Exactly What You Need:

The leading digital and print source for buy-and-sell O&G equipment

Win on Google:

Search Engine optimization and marketing

Own the Conversation:

Social media - Facebook, LinkedIn and more

Dominate Digital:

Websites to connect, compel and convert customers.

And more

Tradequip
International

THE ENERGY EQUIPMENT MARKETPLACE SINCE 1978

THE ENERGY INDUSTRY POWERS THE WORLD. WE EQUIP IT TO THRIVE.

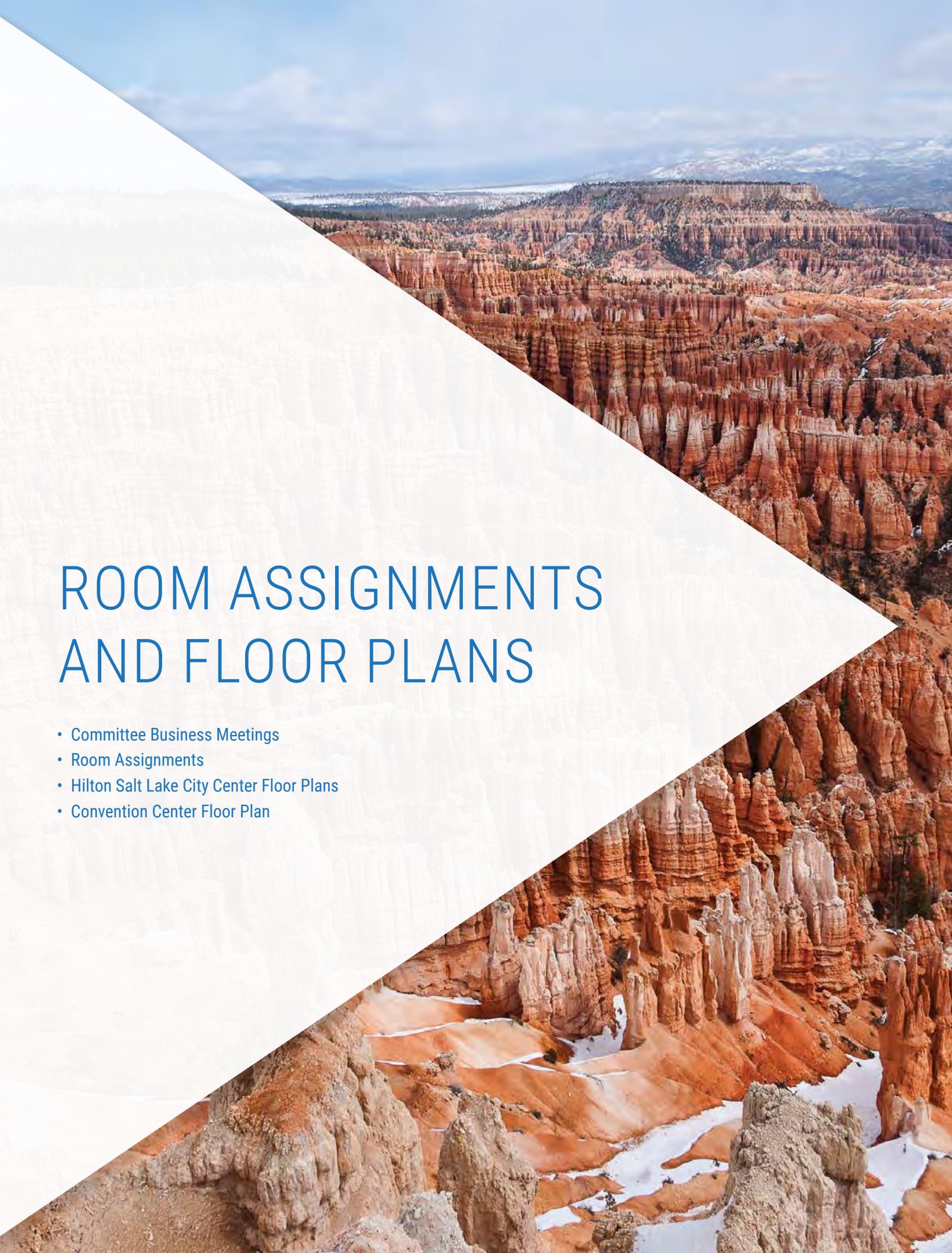
PRESENTER CROSS REFERENCE

Wilson, Ryan	Tue.	p.m.	3:45 p.m.	150 D/E/F/G	Theme 3: North American Unconventional Systems I (EMD/SEPM)
Wilson, Ryan	Tue.	all-day	P76	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
Wood, Lesli	Wed.	a.m.	8:05 a.m.	151 A/B/C/D	DPA Special Forum: The Future Energy Geoscientist
Wood, Rachel	Tue.	p.m.	2:20 p.m.	151 A/B/C/G	Theme 7: Lacustrine Hydrocarbon Systems of the South Atlantic Region II (SEPM)
Wood, Spencer	Tue.	all-day	P171	Exhibit Hall	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Worms, Katherine	Tue.	all-day	P163	Exhibit Hall	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Wright, Kenneth	Tue.	all-day	P167	Exhibit Hall	Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM)
Wu, Fangfang	Tue.	all-day	P161	Exhibit Hall	Theme 7: Lake Basins and Their Deposits: From Rifts to Forelands (SEPM)
Wu, Jianan	Tue.	all-day	P27	Exhibit Hall	Theme 1: Deepwater Depositional Environments II (SEPM)
Wu, Lanyu	Wed.	all-day	P143	Exhibit Hall	Theme 3: Global Shale Systems III (EMD/SEPM)
Wu, Tengfei	Mon.	all-day	P31	Exhibit Hall	SEPM Student Research Poster Session I
Wu, Yuqi	Tue.	all-day	P177	Exhibit Hall	Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Wu, Zhidi	Wed.	all-day	P187	Exhibit Hall	Theme 8: Carbon Management (DEG/EMD)
Wulf, Tracy	Tue.	all-day	P74	Exhibit Hall	Theme 3: Unconventional Systems of the Western United States (EMD/SEPM)
Wust, Raphael	Tue.	p.m.	1:20 p.m.	Ballroom B	Theme 2: New Insights on the Complexity of Carbonate Diagenesis (SEPM)
Xiao, Bo	Wed.	all-day	P130	Exhibit Hall	Theme 3: Global Shale Systems II (EMD/SEPM)
Xiao, Dianshi	Tue.	all-day	P104	Exhibit Hall	Theme 3: Petrophysics of Unconventional Systems (EMD)
Xiao, Meng	Tue.	p.m.	2 p.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Xiao, Ting	Mon.	all-day	P195	Exhibit Hall	Theme 8: Environmental Impacts in the Oil and Gas Industry (DEG)
Xie, Bing	Wed.	all-day	P112	Exhibit Hall	Theme 2: Fundamental Controls on Carbonate Reservoir Quality: In Honor of Clyde Moore (SEPM)
Xiong, Fengyang	Mon.	p.m.	2:20 p.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems II (EMD/SEPM)
Xiong, Ran	Tue.	all-day	P67	Exhibit Hall	Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM)
Xu, Jingqi	Wed.	all-day	P22	Exhibit Hall	AAPG Student Research Poster Session III
Xu, Weixin	Tue.	all-day	P41	Exhibit Hall	Theme 1: Deepwater Depositional Environments IV (SEPM)
Xu, Xiaoyong	Tue.	all-day	P24	Exhibit Hall	Theme 1: Deepwater Depositional Environments II (SEPM)
Xu, Yuan	Tue.	all-day	P157	Exhibit Hall	Theme 7: Lake Basins and Their Deposits: From Rifts to Forelands (SEPM)
Xue, Fangjian	Mon.	a.m.	9:05 a.m.	Ballroom A	Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG)
Yan, Na	Mon.	all-day	P36	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture I (SEPM)
Yan, Na	Mon.	all-day	P37	Exhibit Hall	Theme 1: Using Experiments and Models to Understand Depositional Patterns and Reservoir Architecture I (SEPM)
Yang, Jinxiu	Wed.	all-day	P148	Exhibit Hall	Theme 3: Global Shale Systems III (EMD/SEPM)
Yang, Mingyu	Tue.	p.m.	4:25 p.m.	Ballroom C	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM)
Yang, Tian	Mon.	all-day	P78	Exhibit Hall	Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs I (SEPM)
Yang, Wei	Wed.	all-day	P126	Exhibit Hall	Theme 3: Global Shale Systems I (EMD/SEPM)
Yanqi, Wang	Wed.	all-day	P36	Exhibit Hall	AAPG Student Research Poster Session IV
Yawar, Zalmal	Tue.	all-day	P6	Exhibit Hall	SEPM Student Research Poster Session II
Yee, Denise	Tue.	a.m.	10:30 a.m.	Ballroom E	Theme 3: Finding the Sweet Spot: New Tools and New Ideas to Get the Most Out of Unconventional Systems I (EMD)
Yildirim, Elif	Mon.	all-day	P155	Exhibit Hall	Theme 5: New Structural Insights: Onshore North America and Integrated Structure and Basin Analysis: Regional Studies II (AAPG/PSGD)
Yin, Jie	Wed.	all-day	P154	Exhibit Hall	Theme 4: Assessing Source Rock Properties (AAPG)
Yin, Yanshu	Mon.	all-day	P130	Exhibit Hall	Theme 6: Integration of Non-Seismic Geophysical Techniques (AAPG)
Young, Michael	Mon.	a.m.	11:10 a.m.	Ballroom D	Theme 6: Induced Seismicity (DEG)
Yousif, Ibrahim	Wed.	all-day	P20	Exhibit Hall	AAPG Student Research Poster Session III
Yu, Lingjie	Mon.	a.m.	11:10 a.m.	150 D/E/F/G	Theme 3: Global Unconventional Systems I (EMD/SEPM)
Yuan, XiaoQing	Wed.	all-day	P121	Exhibit Hall	Theme 3: Global Shale Systems I (EMD/SEPM)

PRESENTER CROSS REFERENCE

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Yurchenko, Inessa	Mon.	a.m.	10:10 a.m.	Ballroom E	Theme 4: Geochemistry – From Exploration to Production (AAPG) Theme 1: Diagenesis and Reservoir Quality in Conventional and Unconventional Clastic Reservoirs II (SEPM) Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM) Theme 6: Seismic Imaging Applications (AAPG) Theme 3: Global Shale Systems II (EMD/SEPM) Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG) Theme 2: Carbonate Slope-to-Basin Deposits (SEPM) SEPM Student Research Poster Session I Theme 3: Petrophysics of Unconventional Systems (EMD) Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG) AAPG Student Research Poster Session III SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans I SEPM Research Symposium: Dynamics of Sediment Transfer Between Linked Depositional Systems: From Rivers to Lakes and Oceans II Theme 4: Understanding Source Rocks From Generation to Production (AAPG) Theme 3: Global Shale Systems III (EMD/SEPM) AAPG Student Research Poster Session I Theme 4: Advances in Understanding Hydrocarbon and Non-Hydrocarbon Gases (AAPG) Theme 6: Getting the Most Out of Discoveries: Geophysical Techniques and Advances (AAPG) Theme 3: Petrophysics of Unconventional Systems (EMD) Theme 7: Green River Formation and Other Ancient Lacustrine Analogues (SEPM) Theme 3: Global Shale Systems I (EMD/SEPM) Theme 3: North American Unconventional Systems II (EMD/SEPM) Theme 3: Global Shale Systems III (EMD/SEPM) Theme 3: Petrophysics of Unconventional Systems (EMD) Theme 4: Source Rocks: Composition, Kinetics, and New Methods (AAPG) Theme 5: Salt-Involved Structural Styles (AAPG) SEPM Student Research Poster Session I Theme 2: Carbonate and Evaporite Depositional Systems: Subsurface, Outcrop, & Modern II (SEPM) Theme 4: New Methods and Approaches in Source Rock Analysis (AAPG) Theme 3: Global Shale Systems II (EMD/SEPM) Theme 3: Global Shale Systems II (EMD/SEPM) Theme 3: Global Shale Systems I (EMD/SEPM) Theme 6: Seismic Imaging Applications (AAPG) Theme 4: New Applications and Workflows in Basin and Petroleum Systems Modeling (AAPG) Theme 9: Computational, Sensing, and Experimental Methods for Energy Innovation (AAPG)
Zanoni, Giovanni	Mon.	all-day	P89	Exhibit Hall	
Zened, Olfa	Tue.	all-day	P63	Exhibit Hall	
Zeng, Hongliu	Mon.	p.m.	1:20 p.m.	Ballroom A	
Zeng, Quanshu	Wed.	all-day	P134	Exhibit Hall	
Zhai, Rui	Tue.	all-day	P118	Exhibit Hall	
Zhai, Rui	Wed.	a.m.	11:30 a.m.	Ballroom B	
Zhan, Xin	Mon.	all-day	P24	Exhibit Hall	
Zhang, Chen	Tue.	all-day	P103	Exhibit Hall	
Zhang, Guoyin	Tue.	a.m.	10:10 a.m.	150 D/E/F/G	
Zhang, Hong	Wed.	all-day	P23	Exhibit Hall	
Zhang, Jinyu	Tue.	a.m.	11:30 a.m.	Ballroom A	
Zhang, Jinyu	Tue.	p.m.	2 p.m.	Ballroom A	
Zhang, Kaiqiang	Wed.	all-day	P175	Exhibit Hall	
Zhang, Kun	Wed.	all-day	P149	Exhibit Hall	
Zhang, Pengwei	Mon.	all-day	P13	Exhibit Hall	
Zhang, Pengwei	Wed.	p.m.	3:20 p.m.	Ballroom E	
Zhang, Pengzhi	Tue.	all-day	P119	Exhibit Hall	
Zhang, Shawn	Tue.	all-day	P102	Exhibit Hall	
Zhang, Tongwei	Tue.	all-day	P172	Exhibit Hall	
Zhang, Xinshun	Wed.	all-day	P119	Exhibit Hall	
Zhang, Yuxiang	Wed.	a.m.	9:05 a.m.	150 D/E/F/G	
Zhang, Yuying	Wed.	all-day	P147	Exhibit Hall	
Zhang, Zhao	Tue.	all-day	P105	Exhibit Hall	
Zhang, Zhiyao	Mon.	all-day	P121	Exhibit Hall	
Zhao, Bo	Wed.	all-day	P183	Exhibit Hall	
Zhou, Jiawei	Mon.	all-day	P26	Exhibit Hall	
Zhou, Xiaoxiao	Tue.	all-day	P65	Exhibit Hall	
Zhu, Guangyou	Wed.	all-day	P160	Exhibit Hall	
Zhu, Haiyan	Wed.	all-day	P128	Exhibit Hall	
Zhu, Haiyan	Wed.	all-day	P129	Exhibit Hall	
Zhu, Hanqing	Wed.	all-day	P125	Exhibit Hall	
Zhu, Jinming	Mon.	p.m.	4:25 p.m.	Ballroom A	
Zieba, Krzysztof	Mon.	p.m.	4:45 p.m.	Ballroom E	
Zorn, Erich	Tue.	a.m.	8:45 a.m.	150 D/E/F/G	



ROOM ASSIGNMENTS AND FLOOR PLANS

- Committee Business Meetings
- Room Assignments
- Hilton Salt Lake City Center Floor Plans
- Convention Center Floor Plan

COMMITTEE BUSINESS MEETINGS

AAPG – Meetings will be held at the Hilton Salt Lake City Center unless otherwise noted.			
Committee	Day	Time	Room
Friday			
AAPG Advisory Council	Friday	8:00 a.m. – 5:00 p.m.	Salon II
Saturday			
AAPG Executive Committee	Saturday	8:00 a.m. – 5:00 p.m.	Granite Boardroom
DPA Council and Executive Committee	Saturday	8:00 a.m. – 2:00 p.m.	Canyon Room B/C
Short Course 4: Fracture Characterization (PROWESS)	Saturday	8:00 a.m. – 5:00 p.m.	Seminar Theater
House of Delegates Leadership	Saturday	2:00 p.m. – 5:00 p.m.	Salon II
DEG Executive Committee and Advisory Board	Saturday	3:00 p.m. – 5:00 p.m.	Topaz Room
EMD Executive Committee and Leadership	Saturday	3:00 p.m. – 5:00 p.m.	Granite Conference Center
AAPG PROWESS/DEG/SEG Networking Reception: Diversify Your Geoscience Network!	Saturday	6:30 p.m. – 9:00 p.m.	Canyon Room B/C
Sunday			
House of Delegates Meeting	Sunday	8:00 a.m.	Grand Ballroom
Corporate Advisory Board	Sunday	10:00 a.m. – 2:00 p.m.	Alpine Ballroom East
Charles Taylor Fellows	Sunday	12:00 p.m. – 4:00 p.m.	Salon II
Distinguished Lecture Committee	Sunday	1:00 p.m. – 3:30 p.m.	Granite Conference Center
Interpretation Editorial Board	Sunday	1:00 p.m. – 3:00 p.m.	Topaz Room
Rocky Mountain Section – AAPG Foundation	Sunday	2:00 p.m. – 3:30 p.m.	Granite Boardroom
Monday			
Eastern Section of AAPG Council Meeting	Monday	7:00 a.m. – 8:30 a.m.	Alpine Ballroom West
Imperial Barrel Award Committee	Monday	9:00 a.m. – 11:00 a.m.	Salon II
Foundation Members of the Corporation and Trustees	Monday	1:30 p.m. – 5:00 p.m.	Salt Palace Convention Center, Room 251 F
Student Career Seminar	Monday	4:00 p.m. – 6:00 p.m.	Alpine Ballroom
All-Alumni Reception	Monday	5:30 p.m. – 7:30 p.m.	Canyon Room B
AAPG/SEPM Student Reception	Monday	6:00 p.m. – 8:00 p.m.	Grand Ballroom
Tuesday			
AAPG Rocky Mountain Section Meeting Planners Breakfast	Tuesday	6:30 a.m. – 7:30 a.m.	Hotel Restaurant
AAPG Mid-Continent Section Council Meeting	Tuesday	7:00 a.m. – 9:00 a.m.	Canyon Room C
AAPG Preservation of Geoscience Data Committee	Tuesday	7:00 a.m. – 9:00 a.m.	Topaz Room
History of Petroleum Geology	Tuesday	7:30 a.m. – 8:30 a.m.	Granite Boardroom
Visiting Geoscientist SIG	Tuesday	7:30 a.m. – 9:00 a.m.	Alpine Ballroom East
Africa Region - Leadership Meeting	Tuesday	8:00 a.m. – 8:30 a.m.	Salon II
Africa Region - All Members Meeting	Tuesday	8:30 a.m. – 9:30 a.m.	Alpine Ballroom West
2018 ACE Wrap-Up Meeting	Tuesday	3:00 p.m. – 4:00 p.m.	Salt Palace Convention Center, Room 251 F
AAPG Rocky Mountain Section Executive Council Meeting	Tuesday	3:30 p.m. – 4:30 p.m.	Granite Boardroom
Latin America and Caribbean Region Meeting and Reception	Tuesday	5:30 p.m. – 7:30 p.m.	Canyon Room A
Petroleum Structure and Geomechanics Division (PSGD)	Tuesday	5:30 p.m. – 9:30 p.m.	Alpine Ballroom
Unconventional Research Group	Tuesday	7:00 p.m. – 9:30 p.m.	Canyon Room B/C
Wednesday			
AAPG Astrogeology Committee	Wednesday	1:00 a.m. – 2:30 p.m.	Salon III

COMMITTEE BUSINESS MEETINGS

SEPM Committee Meetings - Meetings will be held at the Salt Lake Marriott Downtown at City Creek unless otherwise noted.			
SEPM Council Meeting	Saturday	8:00 a.m. – 5:00 p.m.	Solitude
NAMS Council Meeting	Sunday	3:00 p.m. – 4:00 p.m.	Cottonwood
SEPM Research Groups - Meetings will be held at the Salt Lake Marriott Downtown at City Creek unless otherwise noted.			
Carbonate Research Group	Monday	7:00 p.m. – 10:00 p.m.	Salon F
Deepwater Research Group	Monday	7:00 p.m. – 10:00 p.m.	Salon D
NAMS Marine Micro Research Group	Monday	7:00 p.m. – 10:00 p.m.	Salon B
Sequence Strat Research Group	Monday	7:00 p.m. – 10:00 p.m.	Salon G
Siliciclastic Diagenesis Research Group	Monday	7:00 p.m. – 10:00 p.m.	Salon E
Other Meetings - Meetings will be held at the Hilton Salt Lake City Center unless otherwise noted.			
AGI Member Society Council Meeting	Monday	8:00 a.m. – 11:30 a.m.	Alpine Ballroom East
AGI/AGIF Leadership Reception	Monday	5:00 p.m. – 7:00 p.m.	Canyon Room C
AGI Foundation Trustees Meeting	Tuesday	8:00 a.m. – 2:00 p.m.	Canyon Room A

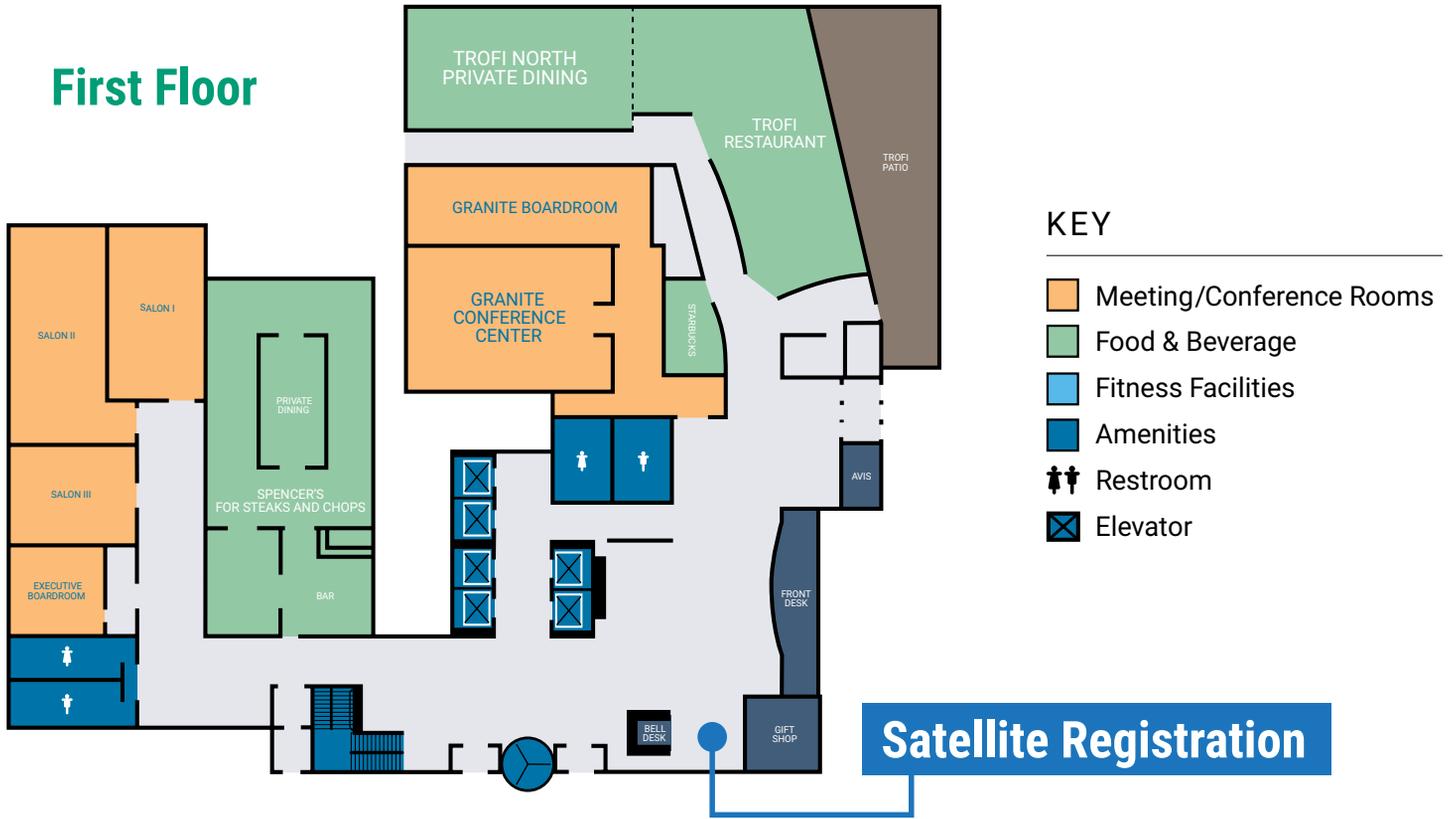
ROOM ASSIGNMENTS

All events will be held at the Salt Palace Convention Center unless otherwise noted.

AAPG Center	Exhibit Hall C, Booth 1819
AAPG Information	Registration Area, South Foyer
AAPG/SEPM Student Reception	Hilton Salt Lake City Center, Grand Ballroom
All-Alumni Reception	Hilton Salt Lake City Center, Canyon Room B
All-Convention Luncheon	Ballroom G/H/I/J
Business Center	Level 2, North End, Upper Concourse
Career Center	Room 251 A
DPA Luncheon	Ballroom J
EMD/DEG Luncheon	Ballroom J
End-of-Day Receptions	Exhibit Halls C/D/E
Exhibition	Exhibit Halls C/D/E
Exhibition Food Court	Exhibit Hall E
Exhibition Sales Office	Exhibit Hall C
First Aid	Behind Escalators in North Foyer
Guest Hospitality Suite	Hilton Salt Lake City Center, Granite Conference Center
Icebreaker Reception	Exhibit Halls C/D/E
Imperial Barrel Award (IBA) Ceremony	Ballroom G/H/I/J
Imperial Barrel Award (IBA) Competition	Room 151 A/B/C/G
International Pavilion	Exhibit Hall E
Judges' Room (ACE Service Center)	Room 150 A/B/C
Luggage Check	South Foyer
Machine Learning "Unsession"	Room 251 B/C
Mother's Room	Room 252 A
Opening Session and Awards Ceremony	Ballroom G/H/I/J
Oral Sessions	Ballroom A, B, C, D, E, F, Room 150 D/E/F/G, Room 151 A/B/C/G
Poster Sessions	Exhibit Halls C/D/E
Refreshment Breaks	Exhibit Halls C/D/E
Registration	South Foyer
SEPM Business Meeting/Luncheon	Ballroom I
SEPM President's Reception and Awards Ceremony	Marriott Downtown at City Creek, Salon D
SEPM Research Groups	Marriott Downtown at City Creek, various rooms
Speaker Service Center (ACE Service Center)	Room 150 A/B/C
Student Career Seminar	Hilton Salt Lake City Center, Alpine Ballroom
Student and Faculty Lounge	Exhibit Hall C, Booth 1719
Student Volunteer Check-In (except AAPG Center volunteers)	Room 150 A/B/C
Unconscious Bias Luncheon	Ballroom I
Young Professionals Meet & Greet	East Registration, Near East Entrance
Wi-Fi Hot Spot	Exhibit Hall, Booth 401

HILTON SALT LAKE CITY CENTER FLOOR PLANS

First Floor



Second Floor



CONVENTION CENTER FLOOR PLAN

Exhibition (see detailed plan pages 32–33)

- AAPG Center (Booth #1819)
- Core Display (Booth #1501)
- Exhibition Food Court
- Exhibition Sales Office & Rebooking (Booth #1815)
- Wi-Fi Hot Spot (Booth #401)
- Icebreaker Reception
- International Pavilion
- Poster Sessions
- Refreshment Breaks
- Student & Faculty Lounge (Booth #1719)
- AAPG Foundation (Booth #1831)
- AAPG Datapages (Booth #1819)
- End-of-Day Receptions

- All-Convention Luncheon
- Imperial Barrel Award Ceremony
- Opening Session/Awards Ceremony

- SEPM Luncheon
- Unconscious Bias Luncheon

ACE Service Center
(Presenters, Judges, and Student Volunteers)

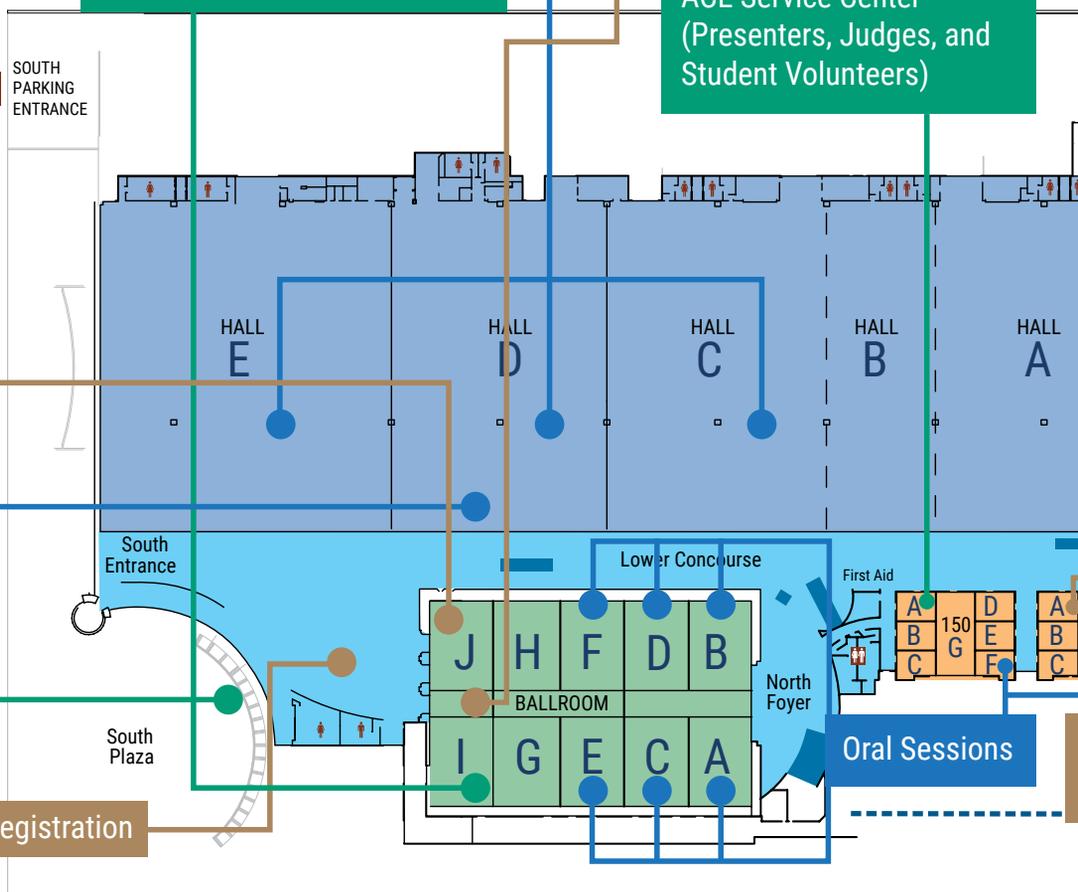
- DPA Luncheon
- EMD/DEG Luncheon

Main Exhibition Entrance

To Hilton Salt Lake City Center

Main Registration

P SOUTH PARKING ENTRANCE







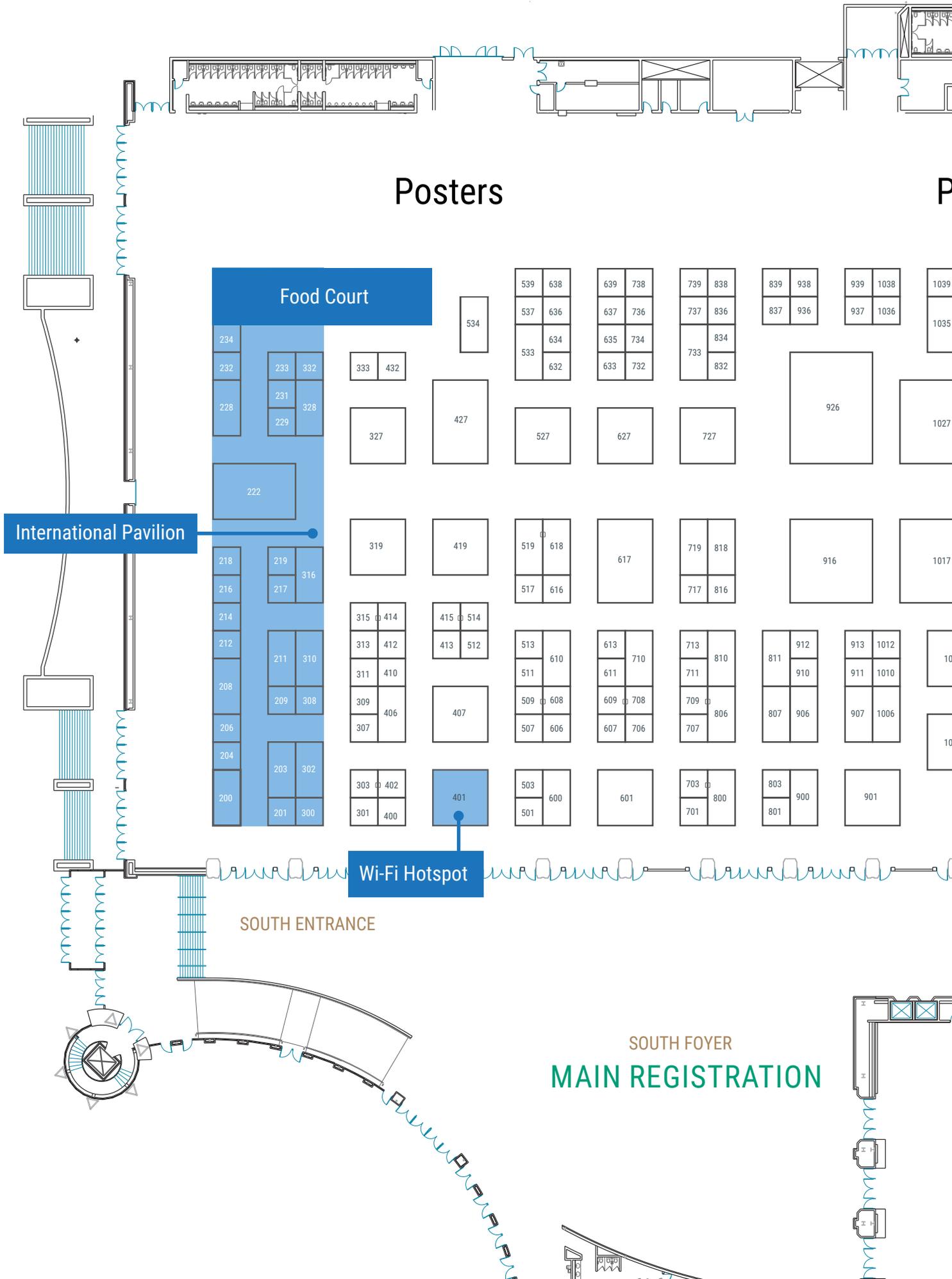
EXHIBITOR INFORMATION

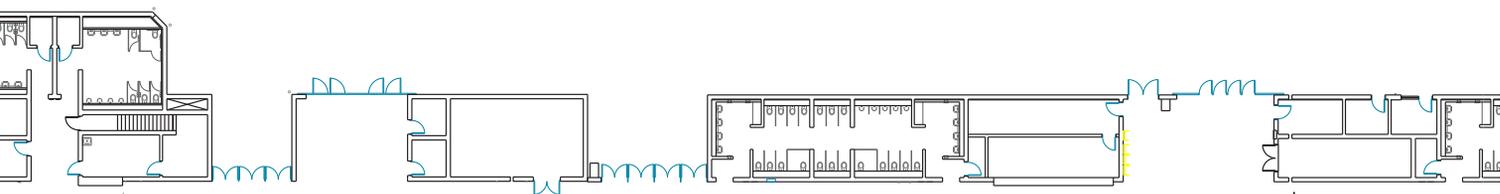
- [Exhibitors](#)
- [Exhibition Floor Plan](#)
- [Exhibitor Directory](#)
- [Exhibitor Products and Services](#)

EXHIBITORS

Abreu Consulting and Training.....	1727	Geotek Ltd	1633	Science Is Never Settled	1606
Advanced Logic Technology SA (ALT)	1433	GeoTeric	1137	SeisWare Inc.	733
AGC (Agence de Gestion et de Coopération entre le Sénégal et la Guinée-Bissau).....	212	Getech, Inc.	1012	Seitel	1211
Alaska Division of Oil and Gas.....	736	GPT International	1511	Selman & Associates	913
Alaska DNR, Division of Geological & Geophysical Surveys.....	738	Green River Stone Co.	1730	SEPM Society for Sedimentary Geology	1619
ALS.....	1502	GridWorld.....	1435	SGS Canada	936
Amplified Geochemical Imaging LLC.....	519	Halliburton.....	926	SITLA Utah Trust Lands Administration.....	1636
ANCAP.....	229	Houston Geological Society	1632	SMART4D Software and Services	732
Asia Edge Pte Ltd	616	HSI Geosciences	1634	Society of Exploration Geophysicists (SEG).....	910
Association for Women Geoscientists	1830	iBall Instruments	701	South East Asia Petroleum Exploration Society (SEAPEX)	315
Baker Hughes - a GE Company	608	iCore Group inc.....	1608	Southern Utah University Geosciences.....	1205
Beicip Inc.....	1413	IFP Energies Nouvelles (IFPEN)	607	Southwest Research Institute.....	1407
Bell Geospace Inc.....	1335	IHS Markit.....	818	SPECTRO Analytical Instruments.....	513
BGP Inc.....	617	IKON Mining & Exploration	327	Spectrum Geo Inc.	1417
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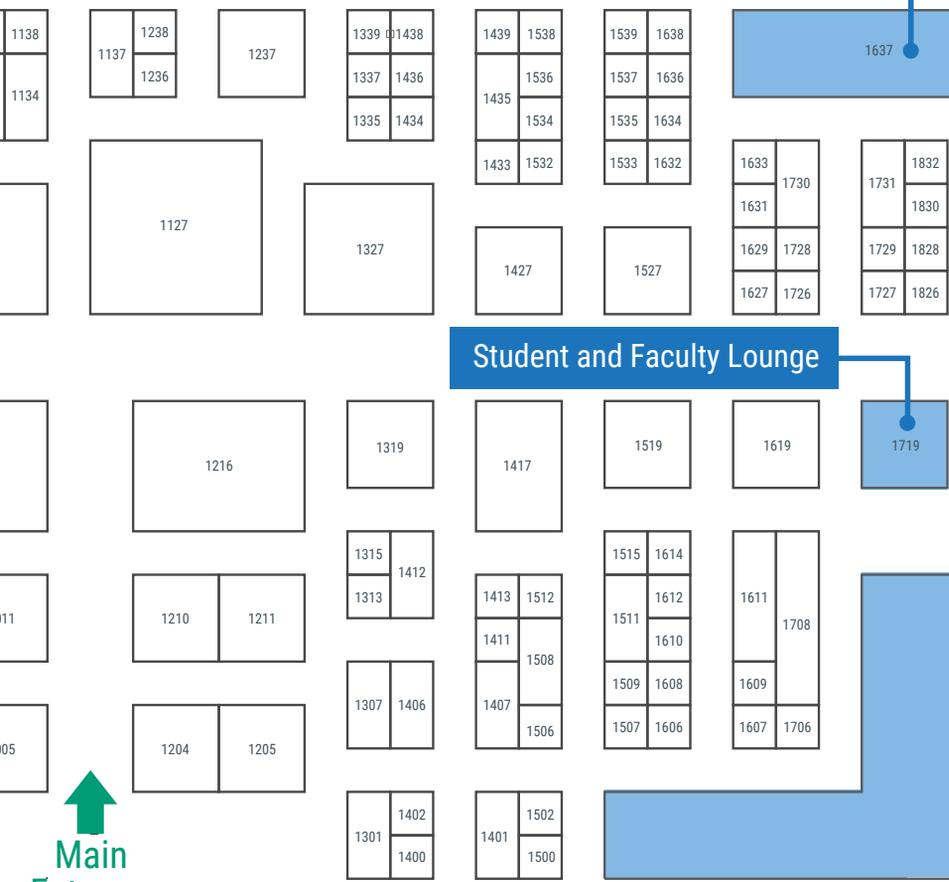
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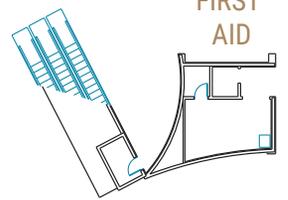


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PRINTREX BY TRANSACT 708

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Virtual Reality for Oil & Gas 501

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Core Analysis/Storage/Coring

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Geotek Ltd 1633

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Weatherford 916

Custom Stone Geologic Art

Stone Quilt Design 1533

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Corescan 807

DeWitt Systems Incorporated 1609

DigitCore Library Inc. 1411

Emerson 1427

Frogtech Geoscience 600

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NRGX Technologies Ltd. 413

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ROGII 319

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Frogtech Geoscience 600

iCore Group inc. 1608

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Digitizing/Digital Products and Services

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Drilling Contracting

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Drone

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E&P Project Economics and Evaluation

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Schlumberger 1327

Wood Mackenzie 1210

Educational Institution

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China University of Petroleum - Beijing . 406

China University of Petroleum

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Colorado School of Mines - Dept. of

Geology and Geological Eng. 839

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Mackay School of Earth Sciences Eng.,

University of Nevada, Reno 816

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School of Geology 938

Petroleum Abstracts/

The University of Tulsa 613

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Texas A&M University,

College of Geosciences 906

Tongji University, School of Ocean

& Earth Science 412

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University of Kansas 1238

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University of Miami,

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Utah State University

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Engineering Consulting Services

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Math2Market GmbH 1532

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Field Appraisal

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British Geological Survey 333

Elsevier 533

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RPS Group 900

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Geophysical Interpretation

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Wildcat Technologies, LLC 633

Land Leasing

SITLA | Utah Trust
Lands Administration 1636

Log Digitizing

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Magnetic Service and Consulting

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Mapping Software

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United Oil & Gas Consulting Ltd. 732

Mapping/Cartographic Services/Data

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Measurement While Drilling (MWD)

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SPECTRO Analytical Instruments 513

Mentoring

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Micropaleontological Services or Studies

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EAS Department..... 1627

Microseismic Monitoring

MicroSeismic, Inc. 618

Mineral/Fossil/Gem Specimens

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Petroleum & Minerals 537

Non-Exclusive Seismic Data

CGG 1027
Geoex Ltd 419
MultiClient Geophysical (MCG)..... 419
TGS 1017

Non-Seismic Geophysical Equipment/ Services

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Non-Seismic Methods of Data Acquisition

Amplified Geochemical Imaging LLC..... 519

Personnel and Employment Services

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Subsurface Consultants
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Publishing/Bookseller

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Petroleum Abstracts/
The University of Tulsa 613
Society of Exploration Geophysicists 910

Research

Imperial College London 1506

Reserves Appraisal/Resource Management/ and Risk Analysis

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Reservoir Evaluation

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SGS Canada 936
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United Oil & Gas Consulting Ltd. 732
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Satellite Image Processing/ Digitizing and Interpretation

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University of Houston,
EAS Department..... 1627

Scientific or Professional Association

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National Research Institute 209
Society of Exploration Geophysicists 910

Secondary Recovery Technology

Transworld Technologies Inc. 1454

Seismic Computer Processing

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dGB Earth Sciences 1509
Geoex Ltd 419
MultiClient Geophysical (MCG)..... 419
Nautilus 900
RPS Group 900

Seismic Data Acquisition

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Geoex Ltd 419
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Nautilus 900
PGS 1216
RPS Group 900
Seitel 1211
Society of Exploration
Geophysicists (SEG) 910
TGS 1017

Seismic Data Broker

Getech, Inc. 1012

Seismic Interpretation and Consulting

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Site Survey Investigations

Amplified Geochemical Imaging LLC..... 519

Subsurface Data Acquisition (Radar and Others)

Amplified Geochemical Imaging LLC..... 519

Thin Sectioning

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National Research Institute 209
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SGS Canada 936

Training Courses and Services

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University of Leeds 836
University of Miami, CSL-Center for
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W.W. Little Geological Consulting, LLC... 711

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Instituto Nacional de Petroleo 203
Math2Market GmbH 1532
SGS Canada 936
Subsurface Consultants
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Virtual Reality

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Well Chemical Services

Amplified Geochemical Imaging LLC..... 519
Transworld Technologies Inc. 1454

Well Log Analysis

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Edge Systems 1512
Future Geoscience Limited 509
Geoex Ltd 419
Geotek Ltd 1633
IHS Markit 818
Instituto Nacional de Petroleo 203
King Canyon Buffalo, Inc. 811
MultiClient Geophysical (MCG)..... 419
NRGX Technologies Ltd. 413
Paradigm 1427
PDS Group 1237
Polish Geological Institute -
National Research Institute 209
Premier Oilfield Group 601
ROGII 319
Selman & Associates 913
TGS 1017
TRICON Geophysics 1631
Weatherford 916

Well Logging

Columbine Logging 1629
DeWitt Systems Incorporated 1609
Edge Systems 1512
ROGII 319
Selman & Associates 913
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Weatherford 916

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