



# AAPG

# Annual Convention & Exhibition 2016

with SEPM (Society for Sedimentary Geology) and  
Canadian Society of Petroleum Geologists (CSPG)

19–22 June 2016  
(plus pre- and post-events)

• Calgary, Alberta, Canada  
BMO Centre at Stampede Park

# Official Program

## REDEFINING RESERVOIR

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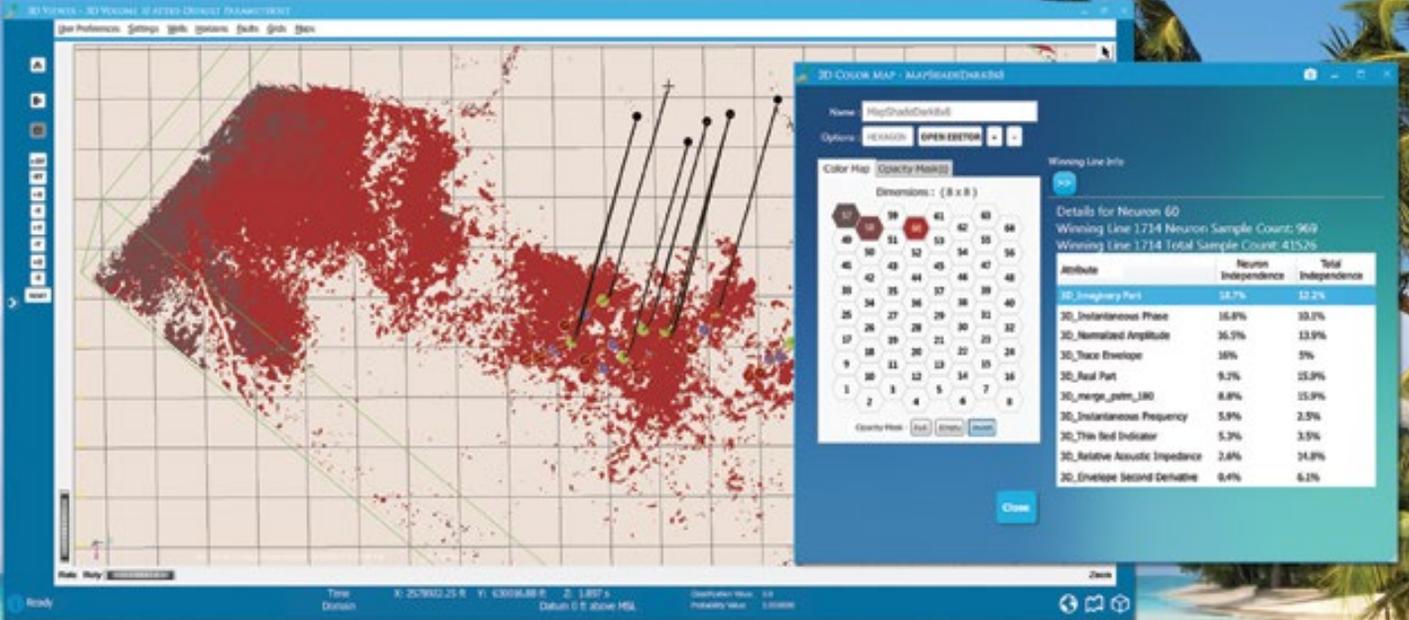


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## WELCOME LETTER FROM THE CHAIR

On behalf of the American Association of Petroleum Geologists (AAPG), the Canadian Society of Petroleum Geologist (CSPG), the Society of Sedimentary Geologists (SEPM), and the Organizing Committee of ACE 2016, I am happy to welcome you to Calgary, Alberta, Canada and the Annual Convention and Exhibition of the American Association of Petroleum Geologists – Redefining Reservoir.

You will find the city and the conference a welcoming place. Calgary is a young, dynamic city of 1.2 million people. Although large by Canadian standards the downtown is compact and is easily investigated on foot. During your trip you should take some time to wander along the river pathway system, visit the trendy restaurants along Stephen Avenue and Eau Claire, rent a bike and discover the bike pathway system (one of the largest in North America). But don't spend too much time away from the Convention. This year's technical program is unrivalled for both quality and quantity. There will be intriguing new ideas, intellectually stimulating discussion, and revolutionary new techniques for you to discover in the technical program. The challenge will be on how you choose to spend your time.

This year's convention occurs in one of the most difficult times faced by the petroleum industry in recent memory. Many of the business talks will focus on how to move forward against such adversity. The lessons learned in these sessions will prove invaluable in the coming years as all of us learn how to maintain creativity and innovation in times of restraint. Other sessions will focus on the advances in our science and how we can apply those advances to improve our technical and economic success. It is in times of constraint that we learn how to innovate. This convention will fill you with new ideas on how to do more with limited resources.

One of the highlights of the convention is seeing old friends, re-engaging with colleagues and meeting new contacts that often continue for several years. The exhibition floor is an excellent place for you to network and at the same time see new technology or how old technology is applied in new ways. The exhibitors are here for you, take time to visit their booths and discuss with them the latest technology and techniques.

Many volunteers have given their time to make this week a success for you. They do this because they see the value is contributing to the science and engaging with their colleagues. Their hope is that you look back on this week as a time of enlightenment and education. They hope you are able to meet old friends and make new friendships. My hope is that you are able to take full advantage of the conference and the city. Thank you again for joining us in Calgary, I am delighted that you are able to join us for a fun and fascinating week.



Paul MacKay  
General Chair  
AAPG 2016 Annual Convention & Exhibition

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## 2016 ORGANIZING COMMITTEE

General Chair, Paul MacKay, Shale Petroleum Ltd.

General Vice Chair, Jen Russel-Houston, Osum Oil Sands Corp.

Technical Program Co-Chair, Ryan Mohr, Nexen

Technical Program Co-Chair, Laurie Bellman, Canadian Discovery

Sponsorship Co-Chair, Ron Larson, RPS Group

Sponsorship Co-Chair, Hutch Jobe, Consultant

Field Trips Chair, Jon Noad, Husky Energy

Short Courses Chair, Alexis Anastis, Nexen

SEPM Tech Vice Co-Chair, Murray Gingras, University of Alberta

SEPM Tech Vice Co-Chair, Howard Harper, SEPM

DEG Vice Chair, Jeff Aldrich, MHA

DPA Vice Co-Chair, Mike Canich, Trimont Energy

DPA Vice Co-Chair, Bill Haskett, Decision Strategies

EMD Vice Chair, Sharleen Overland, AER

PSGD Vice Chair, Peter Henning, ConocoPhillips

CSPG Core Conference Co-Chair, Ray Geuder, ConocoPhillips

CSPG Core Conference Co-Chair, Jim Barclay, Telus

Student Volunteer Co-Chair, Alison Essery, Tangle Creek Energy

Student Volunteer Co-Chair, Garret Quinn, Osum Oil Sand Corp.

Judging Chair, Astrid Arts, Cenovus

Teachers Program Chair, Mona Enachescu, Cavalier Energy

Guest Program Chair, Michelle Clements, City of Calgary

## TECHNICAL PROGRAM THEME CHAIRS

### THEME 1: SILICICLASTICS

Shahin Dashtgard, Simon Fraser University

Joe MacQuaker, ExxonMobil

Carmen Fraticelli, Noble Energy

### THEME 2: CARBONATES AND EVAPORITES

Alex MacNeil, Osum Oil Sands Corp.

Gareth Jones, ExxonMobil

### THEME 3: ENERGY AND THE ENVIRONMENT

Bill Haskett, Decision Strategies

Francois Marechal, Quicksilver

### THEME 4: GEOCHEMISTRY, BASIN MODELING AND PETROLEUM SYSTEMS

Ken Peters, Schlumberger

Cindy Robinson, Nexen, Calgary

Barry Bennett, Schlumberger

### THEME 5: STRUCTURE, TECTONICS AND GEOMECHANICS

Amy Fox, Canadian Discovery

Bob Krantz, ConocoPhillips

Peter Hennings, ConocoPhillips

### THEME 6: UNCONVENTIONAL RESOURCES – CONTINUOUSLY EVOLVING AND EXPANDING WHAT WE KNOW AND EXPLORING WHAT WE DON'T

Sharleen Overland, AER

Dean Rokosh, AGS

John Suter, Independent

Kevin Mageau, Repsol

Raphael Wust, Trican

William Ambrose, BEG

Bruce Cutright, BEG

### THEME 7: OIL SANDS – RESPONSIBLY EXPLORING AND DEVELOPING VAST BITUMEN RESOURCES

Sharleen Overland, AER

Mark Caplan, Independent

Chris Seibel, Nexen

Steven Schamel, GeoX Consulting Inc.

### THEME 8: RESOURCES TO RESERVES – EXTRACTING VALUE THROUGH TECHNICAL INNOVATION AND BUSINESS EFFICIENCY

Gary Citron, Rose and Associates

Jean-Yves Chatellier, Tecto Sedi Integrated

### THEME 9: GEOPHYSICS - INTEGRATION OF GEOSCIENCES AND ENGINEERING FOR EXPLORATION AND PRODUCTION SUCCESS

Huyen Bui, Shell International E & P

Satinder Chopra, Arcis Seismic Solutions

### THEME 10: REDEFINING RESERVOIR – CORE VALUES

Jim Barclay, ConocoPhillips

Ray Geuder, ConocoPhillips

Brent Kuntz, ConocoPhillips

Kelty Latos, ConocoPhillips

Dale Leckie, University of Calgary

Kelsea Pedersen, ConocoPhillips

### AAPG AND SEPM STUDENT POSTER SESSIONS

Susan Waters, Shell

Alex Janevski, Shell

Rick Sarg, Colorado School of Mines

Howard Harper, SEPM

Murray Gingras, University of Alberta

### SEPM RESEARCH SYMPOSIUM: Revisiting Foreland Basin Tectonics, Stratigraphy, Sedimentology and Drainage Systems

Dale Leckie, University of Calgary

Andrew Miall, University of Toronto

### THE HISTORY OF PETROLEUM GEOLOGY: Remembering the Lessons of the Past: Key People, Key Concepts and Key Events From a Canadian Perspective

Clinton Tippet, Shell Canada – retired

George Pemberton, University of Alberta (Edmonton)

David Finch, Industry Historian

# 2016 SPONSORS

DIAMOND



Registration, Student & Faculty Lounge,  
PROWESS/AWG Student SC & FT Assistance



SEPM Student Support, Student Reception



Technical Program & Registration Announcement



Program Book, Aisle Signage



TITANIUM



Poster Sessions, Technical Presentations



Wi-Fi Hot Spots, Student Volunteers,  
Student Participation in Field Trips and Short Courses,  
PROWESS/AWG Student SC & FT Assistance



Young Professionals Reception,  
Young Professionals Meet & Greet



PROWESS AWG-SEG Networking Reception,  
General Fund, Student Awards



SEPM Student Support, Student Awards,  
Student Participation in Field Trips and Short Courses,  
Student Attendance Assistance

PLATINUM



Audio Visual



Technical Program Abstracts



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Technical Program Speaker Support

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Technical Program Notebooks



Live Conference Radio and Lanyard  
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YouTube Competition



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# 2016 LEADERSHIP

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



**John R. Hogg**  
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**Paul W. Britt**  
President-Elect (2015-16)



**Steve Brachman**  
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Sections (2014-16)



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



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



**Jim Tucker**  
Treasurer (2014-16)



**Michael L. Sweet**  
Editor (2013-16)



**Robert Shoup**  
House of Delegates  
Chair (2015-16)

## SEPM (Society for Sedimentary Geology)



**Janok Bhattacharya**  
President

**Vitor Abreu**, President-Elect  
**Steve Hubbard**, Secretary/Treasurer  
**Santanu Banerjee**, International Councilor  
**David Bottjer**, Councilor for Paleontology  
**Michael Blum**, Councilor for Sedimentology  
**Andrea Fildani**, Councilor for Research Activities  
**James MacEachern**, Co-Editor, Journal of Sedimentary Research  
**Leslie Melim**, Co-Editor, Journal of Sedimentary Research

**Tom Olszewski**, Co-Editor, PALAIOS  
**Gabiela Mangano**, Co-Editor, PALAIOS  
**Brian Ricketts**, Editor, Special Publications  
**Rick Sarg**, President, SEPM Foundation  
**Jason Mintz**, Web & Technology Councilor  
**Hannah Hilbert-Wolf**, Student Councilor  
**Kyle Straub**, Early Career Councilor  
**Howard E. Harper, Jr.**, SEPM Executive Director

## Canadian Society for Petroleum Geologists (CSPG)



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President

**Mark Cooper**, President-Elect  
**Tony Cadrin**, Past President  
**Scott Leroux**, Finance Director  
**Shelley Leggitt**, Finance Director Elect  
**John Cody**, Director

**Mark Caplan**, Director  
**Ryan Lemiski**, Director  
**Jen Russel-Houston**, Director  
**Eric Street**, Geologist I.T., Director

## Division of Environmental Geosciences (DEG)



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## Division of Professional Affairs (DPA)



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**Anne C. Draucker**, President-Elect  
**Bruce T. Mitchell**, Secretary  
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## Petroleum Structure and Geomechanics Division (PSGD)



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Chair, Steering Committee

**Greg Schoenborn** – Vice-Chair, Steering Committee  
**Peter Hennings** – Past Chair, Steering Committee  
**Yiduo “Andy” Liu** – Communications and On-Line Footprint  
**Ibrahim Çemen** – Publications Lead  
**Robert Hatcher, Dr. Bob Krantz, and Dr. Gary Couples** – Best Paper Awards Committee  
**Caroline Burberry and Dr. Orlando Ortega** – 2016 Tuesday Evening Technical Coordinators

# GENERAL INFORMATION

## Registration Hours

Location: Hall D  
Hours: Friday ..... 8:00 a.m. – 5:00 p.m.  
Saturday ..... 8:00 a.m. – 5:00 p.m.  
Sunday ..... 8:00 a.m. – 7:00 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. – 12:00 p.m.

## ACE Services Center

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

Location: Quarter Horse Room  
Hours: Saturday ..... 8:00 a.m. – 5:00 p.m.  
Sunday ..... 8:00 a.m. – 7:30 p.m.  
Monday ..... 7:00 a.m. – 5:30 p.m.  
Tuesday ..... 7:00 a.m. – 5:30 p.m.  
Wednesday ..... 7:00 a.m. – 5:30 p.m.

## Speakers and Judges Services

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

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

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

Judges are needed. Inquire inside the ACE Services Center.

## Business Centre

Days: Monday–Friday  
Hours: 8:00 a.m. – 4:30 p.m.

The Business Centre is located in BMO Centre main entrance and offers a wide variety of services including: color and black and white photocopying, workstations (Windows XP, Office 2007) with Internet access, printing, binding, word processing, faxing, transparencies, laminating, access to courier services and basic office supplies. Please let us know if there are special business services you may require for your event. For further information, contact the Business Centre directly at +1 403 261 0425.

## Wi-Fi Hot Spot

Location: Hall E, Booth 2145  
For your convenience a Wi-Fi Hot Spot is available in Hall E during exhibition hours. So come relax, check your email and stay connected at ACE.

## Coat Check

Location: Hall D Lobby (near escalator)  
Day: Sunday  
Hours: 2:30 p.m. – 7:30 p.m.

## Coat and Luggage Check

Location: Hall D Lobby (near escalator)  
Hall C Lobby  
Days: Monday, Tuesday and Wednesday  
Hours: 7:00 a.m. – 6:00 p.m.

A coat check only is available on Sunday at a cost per item checked.

A coat and luggage check is available Monday, Tuesday and Wednesday at a cost per item checked.  
All items (purse, coat, luggage, etc.) are CAD 3.00 each.

## Electronic Capturing

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

## Lost and Found

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

## No Smoking Policy

Smoking is prohibited at the BMO Centre at Stampede Park.

## Press Room

Location: Room 110  
The Press Room is a working area for editorial personnel covering the convention.

# GENERAL INFORMATION

## How to Get Around

### Downtown Shuttle Service

Allied Downtown Shuttle Service

Phone: +1 403 299 9555

This exciting new service provides affordable, regularly scheduled on-demand transportation, in fully automated GPS-dispatched shuttle buses between designated pick-up points within the City of Calgary and Calgary International Airport. Airport departures are every 30 minutes at Bus Bay #19. To purchase tickets, please visit the Allied Shuttle counter on the Arrivals level near Gate C between 8 a.m. and midnight. Alternatively, you can reserve and buy tickets online. Downtown pick-ups are based on a scheduled on-demand system; however, the shuttle will only stop at pre-determined locations if there is a booking.

### Taxis

Round the clock taxi service is available at Calgary International Airport. Taxi stands are located on the Arrivals level. The taxi and limousine industry is regulated through the City of Calgary's Livery Transport Services (LTS). LTS is mandated to ensure public safety, consumer protection and service quality. Fares are based on meter rates. Under normal driving conditions, the approximate fare to Downtown Calgary is between CAD \$40 and \$45. Airport taxis can accommodate four or five adult passengers. Vans are available to assist customers with excess luggage.

### C-Train

AAPG has partnered with Calgary Transit to provide rides on the C-Train to all ACE 2016 attendees. To ensure your ride is FREE, simply show your official Convention Badge to Transit authorities. Whether departing from Calgary International Airport to your hotel or heading to the opening session, hop aboard the C-Train for safe, accessible and customer-focused public transportation.

Easily explore downtown Calgary from the ACE hotels afoot or aboard the Calgary Transit C-Train, with train platforms just steps away from all ACE hotels. ACE is being held at the BMO Centre at the Stampede/Victoria Park stop.

## Safety and Security

### Badge Reminder

Badges must be worn at all times while attending the convention while inside the Telus, BMO Centre at Stampede Park or the Hyatt. Also, please do not forget to wear your badge when you ride the train to ensure your ride is FREE!

### Security and Emergencies

Report security issues or emergencies to one of the following:

- Security Personnel located at the Exhibit Hall Entrance, Hall B Technical Session area or Hall C Poster area.
- AAPG Staff Person located at Registration inside Hall D.
- Kendra McColloch, AAPG Meeting Planner at +1 918 284 5451

### First Aid

Location: Across from Hall C and B along main corridor

Hours:	Saturday.....	8:00 a.m. – 6:00 p.m.
	Monday.....	8:00 a.m. – 6:00 p.m.
	Tuesday.....	8:00 a.m. – 6:00 p.m.
	Wednesday.....	8:00 a.m. – 5:00 p.m.



## Don't Forget Your ACE Live Conference Radio

### ACE LIVE CONFERENCE RADIO

This radio earpiece is required to listen to the closed-circuit live broadcast in all Technical Session rooms. Qualified attendees can pick up their radio in two locations – inside Hall B and/or adjacent to the Quarter Horse Room. Attendee badges will be scanned upon receiving a radio - one radio per person\*. Once the convention is over, it's your personal radio to use and keep.

### HOW TO USE YOUR RADIO:

1. Rotate the dial up to turn on the radio and adjust volume settings.
2. Use up and down buttons to navigate to desired channels. (E1, E2, E3 etc.)
  - E1 would be for Event 1 indicating the technical session room assigned for that channel.
  - Signage will be placed inside and outside all technical session rooms to indicate which channel.
3. To change modes (change between Event Channels and FM Radio Stations) press both buttons for three seconds.

\* Live Conference Radios can be replaced for US \$10.



# SCHEDULE AT A GLANCE Visit [ACE.AAPG.org](http://ACE.AAPG.org) for updates.

Friday	8:00 a.m.–5:00 p.m.	Registration	Front of Hall D
Saturday	8:00 a.m.–5:00 p.m.	Registration	Front of Hall D
	8:00 a.m.–5:00 p.m.	ACE Services Center (ACE Staff)	Quarter Horse Room
	7:30 a.m.–6:00 p.m.	Imperial Barrel Award (IBA) Competition	Delta Calgary Downtown Hotel, Garden Patio
	Various	Short Courses	See page 22 for details
	Various	Field Trips	See page 23 for details
	6:30 p.m.–9:00 p.m.	AAPG PROWESS-AWG-SEG Networking Reception	Hyatt Regency – Imperial Ballroom 5/7
Sunday	8:00 a.m.–7:00 p.m.	Registration	Front of Hall D
	8:00 a.m.–7:30 p.m.	ACE Services Center (ACE Staff)	Quarter Horse Room
	8:00 a.m.	AAPG House of Delegates Meeting	Hyatt Regency – Imperial Ballroom 4/6/8
	8:00 a.m.–3:00 p.m.	EMD/SEG/DEG Oil Sands and Heavy Oil Workshop	Nexen Theatre
	10:00 a.m.–7:30 p.m.	ACE Services Center (Speakers and Judges Services)	Quarter Horse Room
	12:30 p.m.–3:00 p.m.	History of Petroleum Geology Forum	Hall B, Room 3
	2:00 p.m.–3:00 p.m.	Young Professionals Meet & Greet	Mustang Room
	2:30 p.m.–7:30 p.m.	Coat Check	Hall D Lobby (near escalator)
	3:00 p.m.–3:45 p.m.	Imperial Barrel Award (IBA) Ceremony	Palomino Room
	4:00 p.m.–5:00 p.m.	Opening Session and Awards Ceremony	Palomino Room
5:00 p.m.–7:30 p.m.	Exhibition and Icebreaker Reception	Halls D/E	
Monday	7:00 a.m.–5:30 p.m.	ACE Services Center (ACE Staff, Speakers and Judges Services)	Quarter Horse Room
	7:00 a.m.–6:00 p.m.	Coat and Luggage Check	Hall D Lobby (near escalator and Hall C Lobby)
	7:30 a.m.–5:00 p.m.	Registration	Front of Hall D
	8:00 a.m.–11:50 a.m.	Technical Sessions	Palomino Rooms and Hall B, Rooms 1, 2, 3, 4
	8:00 a.m.–3:00 p.m.	Guest Hospitality Room	Hyatt Regency – Imperial Ballroom 5/7
	8:30 a.m.–5:00 p.m.	Career Center	Arabian B Room
	9:00 a.m.–5:00 p.m.	Poster Sessions	Hall C
	9:00 a.m.–6:00 p.m.	Exhibition	Halls D/E
	9:00 a.m.–6:00 p.m.	Student and Faculty Lounge	Hall E, Booth 2239
	9:00 a.m.–5:00 p.m.	SEPM Research Symposium Poster Sessions	Hall C
	8:00 a.m.–5:00 p.m.	Guest Tour: Drumheller & Badlands Day Tour	Hyatt Regency Lobby
	9:25 a.m.–10:25 a.m.	Refreshment Break	Halls D/E
	12:00 p.m.–1:15 p.m.	All-Convention Luncheon	Hall A
	9:00 a.m.–11:00 a.m.	Guest Tour: Downtown Calgary City Walking Tour	Hyatt Regency Lobby
	1:45 p.m.–5:35 p.m.	Technical Sessions	Palomino Rooms and Hall B, Rooms 1, 2, 3, 4
	1:45 p.m.–5:15 p.m.	Discovery Thinking Forum	Hall B, Room 2
	2:00 p.m.–3:30 p.m.	Career Forum: How to Become an Independent or Consultant	Mustang Room
	3:10 p.m.–4:10 p.m.	Refreshment Break	Halls D/E
	4:00 p.m.–6:00 p.m.	Student Career Seminar	Hyatt Regency – Herald/Doll
	5:00 p.m.–6:00 p.m.	End-of-Day Reception	Halls D/E
	6:00 p.m.–8:00 p.m.	All-Alumni Reception	Hyatt Regency – Imperial Ballroom 1/2/3
5:40 p.m.–6:30 p.m.	Michel T. Halbouty Lecture	Hall B, Room 2	
6:30 p.m.–8:30 p.m.	AAPG/SEPM Student Reception	Hyatt Regency – Imperial Ballroom 4/6/8	
7:30 p.m.–10:00 p.m.	SEPM Research Group Meetings and Reception	TELUS Convention Centre – Glen Rooms	
Tuesday	7:00 a.m.–5:30 p.m.	ACE Services Center (ACE Staff, Speakers and Judges Services)	Quarter Horse Room
	7:00 a.m.–6:00 p.m.	Coat and Luggage Check	Hall D Lobby (near escalator) and Hall C Lobby
	7:30 a.m.–5:00 p.m.	Registration	Front of Hall D
	8:00 a.m.–11:50 a.m.	SEPM Research Symposium: Not All Foreland Basins Are Created Equal	Hall B, Room 2
	8:00 a.m.–11:50 a.m.	Technical Sessions	Palomino Rooms and Hall B, Rooms 1, 2, 3, 4
	8:00 a.m.–3:00 p.m.	Guest Hospitality Room	Hyatt Regency – Imperial Ballroom 5/7
	8:00 a.m.–5:00 p.m.	Guest Tour: Banff Highlights Tour	Hyatt Regency Lobby
	8:30 a.m.–5:00 p.m.	Career Center	Arabian B Room
	9:00 a.m.–5:00 p.m.	Poster Sessions	Hall C
	9:00 a.m.–6:00 p.m.	Exhibition	Halls D/E
	9:00 a.m.–6:00 p.m.	Student and Faculty Lounge	Hall E, Booth 2239
	9:25 a.m.–10:25 a.m.	Refreshment Break	Halls D/E

## SCHEDULE AT A GLANCE Continued

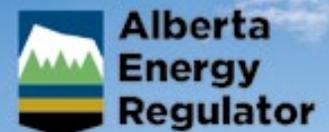
<p><b>Tuesday</b></p> <p>12:00 p.m.–1:15 p.m. 12:00 p.m.–1:15 p.m. 1:45 p.m.–5:35 p.m. 1:45 p.m.–5:35 p.m. 2:00 p.m.–3:30 p.m. 3:10 p.m.–4:10 p.m. 5:00 p.m.–6:00 p.m. 5:30 p.m.–7:00 p.m. 6:30 p.m.–9:30 p.m. 7:30 p.m.–9:30 p.m.</p>	<p>DPA Luncheon SEPM Business Meeting Luncheon SEPM Research Symposium: Not All Foreland Basins Are Created Equal Technical Sessions Young Professionals Focus: How to Build Your Own Business Refreshment Break End-of-Day Reception Career Services and DPA Forum Social Activity – Experience the Glenbow Museum SEPM President’s Reception and Awards Ceremony</p>	<p>Hyatt Regency – Imperial Ballroom 1/2/3 Hyatt Regency – Imperial Ballroom 4/6 Hall B, Room 2 Palomino Rooms and Hall B, Rooms 1, 2, 3, 4 Mustang Room Halls D/E Halls D/E Mustang Room Glenbow Museum Marriott, Acadia A/B</p>
<p><b>Wednesday</b></p> <p>7:00 a.m.–5:30 p.m. 7:00 a.m.–6:00 p.m. 7:30 a.m.–12:00 p.m. 8:00 a.m.–11:50 a.m. 8:00 a.m.–12:00 p.m. 8:30 a.m.–2:00 p.m. 9:00 a.m.–12:00 p.m. 9:00 a.m.–5:00 p.m. 9:00 a.m.–12:00 p.m. 9:25 a.m.–10:25 a.m. 12:00 p.m.–1:15 p.m. 1:45 p.m.–5:35 p.m.</p>	<p>ACE Services Center (ACE Staff, Speakers and Judges Services) Coat and Luggage Check Registration Technical Sessions Guest Hospitality Room Career Center Exhibition Poster Sessions Student and Faculty Lounge Refreshment Break EMD Luncheon Technical Sessions</p>	<p>Quarter Horse Room Hall D Lobby (near escalator) and Hall C Lobby Front of Hall D Palomino Rooms and Hall B, Rooms 1, 2, 3, 4 Hyatt Regency – Imperial Ballroom 5/7 Arabian B Room Halls D/E Hall C Hall E, Booth 2239 Halls D/E Imperial Ballroom 4/6 Palomino Rooms and Hall B, Rooms 1, 2, 3, 4</p>

The Alberta Energy Regulator, or the AER, ensures the safe, efficient, orderly, and environmentally responsible development of hydrocarbon resources over their entire life cycle. This includes allocating and conserving water resources, managing public lands, and protecting the environment while providing economic benefits for all Albertans.

The AER is the single regulator of oil, oil sands, natural gas, and coal projects in Alberta—from application and construction to production, abandonment, and reclamation.

To learn more, visit [www.aer.ca](http://www.aer.ca), call 1-855-297-8311 toll-free, or e-mail [inquiries@aer.ca](mailto:inquiries@aer.ca).

To report an oil and gas emergency, call 1-800-222-6514.



## Achieving excellence to regulate a world-class resource



## HIGHLIGHTS *All events take place at BMO Centre at Stampede Park unless otherwise noted.*

### Forums and Special Sessions

#### History of Petroleum Geology: Remembering the Lessons of the Past: Key People, Key Concepts and Key Events from a Canadian Perspective

**Day:** Sunday  
**Time:** 12:30 p.m.–3:00 p.m.  
**Location:** Hall B, Room 3  
**Fee:** Included with registration  
**Co-Chairs:** C. Tippett and G. Pemberton

The History of Petroleum Geology Committee of the AAPG will hold its annual forum in conjunction with ACE in Calgary. The session will begin with a few introductory remarks and will be followed by a slate of presentations describing various aspects of petroleum history in a roughly chronological order.

#### Discovery Thinking Forum: Innovative Success in Canada and Colombia

**Day:** Monday  
**Time:** 1:45 p.m.–5:15 p.m.  
**Location:** Hall B, Room 2  
**Fee:** Included with registration  
**Co-Chairs:** C. Sternbach, P. Weimer and J. Hogg

The “Discovery Thinking” Forum will be the 15th presentation of the AAPG 100th Anniversary Committee’s program recognizing “100 Who Made a Difference.” This Forum, co-sponsored by AAPG’s Division of Professional Affairs (DPA), will feature four invited speakers who will describe major discoveries in both global and North American exploration settings. 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 young 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.” 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 and fellow explorers. As always, the audience is fortunate to hear the speakers share abundant technical data and insights derived from costly and hard won experience.

#### Michel T. Halbouty Lecture: Bay du Nord: A Bold Chase for Oil in a Harsh Frontier Basin

**Day:** Monday  
**Time:** 5:40 p.m.–6:30 p.m.  
**Location:** Hall B, Room 2  
**Fee:** Included with registration  
**Speaker:** Tim Dodson, Executive Vice President, Statoil ASA  
**Co-Chairs:** J. Hogg and M. Hewitt

The Michel T. Halbouty lecture series – funded by the AAPG Foundation - is an ongoing special event at the AAPG Annual Convention an 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 Tom Dodson, Executive Vice President, Statoil ASA and he will discuss the Bay du Nord: A Bold Chase for Oil in a Harsh Frontier Basin.



The discovery of Bay du Nord in 2013 was an overnight success 17 years in the making. The story of Statoil offshore Newfoundland began in 1996, and in 2003 the company participated in its first well in the Flemish Pass. The well was disappointing, but through dedicated work and several wells, the oil was chased until the breakthrough came with the impact discovery ten years later.

The exploration history of the Flemish Pass is a story of belief, countercyclical thinking and gradual building of knowledge and database. The Bay du Nord discovery is an example of Statoil’s global way of exploring through execution with rigor, replenishment of the portfolio and by cultivating the exploration culture. The last years exploration successes are the primary basis for further growth of the company, and the learning will be applied in future exploration efforts both offshore eastern Canada and globally.

Tim Dodson is a UK citizen and has 35 years industry experience, whereof 30 from Statoil. He has a BSc in Geology from the University of Keele in the UK. Tim started his career in the oil and gas industry in 1980 with an oil and gas service company and worked for 5 years in South America and Middle East. Tim joined Statoil’s Exploration and Production Norway unit in 1985. He has held various management positions within exploration, production and technology and HR, Vice President Exploration Southern North Sea, Vice President Technology Arena, Exploration. From 2004 – 2008 he held the position as Senior Vice President for Exploration in Norway and in 2008 he was appointed as Senior Vice President for Global Exploration in Statoil’s business area for international operations. As of 1st January 2011 Tim leads the Exploration business area in Statoil as Executive Vice President and is a member of the Corporate Executive Committee.

# HIGHLIGHTS

All events take place at BMO Centre at Stampede Park unless otherwise noted.

## SEPM Research Symposium: Not All Foreland Basins Are Created Equal: A Revisit of Foreland Basin Tectonics, Stratigraphy, Sedimentology and Drainage Systems

**Day:** Tuesday  
**Time:** 8:00 a.m.–11:50 a.m.  
1:45 p.m.–5:35 p.m.  
**Location:** Hall B, Room 2  
**Co-Chairs:** D. Leckie and A. Miall

This SEPM Symposium on foreland basins, being held in the Western Canada foreland basin with the Canadian Rocky Mountains as a horizon backdrop, brings together leaders, including students, from around the world to discuss many aspects of foreland basins. The presentation topics are diverse, including the control of orogenic pulses with timing and sedimentation in the adjacent foreland basin, evolution of drainage patterns in deepwater and non-marine settings, climatic controls and other topics. Scheduled for Tuesday, 21 June, 18 talks from Western Canada, United States, South and Central America and Eastern Canada will be presented. The oral presentations will be accompanied by poster sessions on the theme on Monday, 20 June and Wednesday, 22 June.

## Luncheons

### All-Convention Luncheon

#### The Business of Energy Transitions: How Companies Compete Through Disruptive Change

**Day:** Monday  
**Time:** 12:00 p.m.–1:15 p.m.  
**Location:** Hall A  
**Fee:** US \$60 + GST  
**Speaker:** Peter Tertzakian, Chief Energy Economist and Managing Director, ARC Financial Corporation



Complementing the focus of his two bestselling books, *A Thousand Barrels a Second* (McGraw-Hill, NY 2005) and *The End of Energy Obesity* (John Wiley & Sons, NY 2009) with current industry context, Peter Tertzakian's lunch talk will provide insights into the dynamic world of energy transitions through a thoughtful and highly readable examination of economic, environmental and geopolitical pressures. Peter's career began as a geophysicist in 1982 and then moved from oil and gas to the finance and economics sector in 1990.

This background combined with his entrepreneurial spirit, helped him rise from the trenches of hands-on oil exploration fieldwork to become an internationally recognized expert in energy matters. Peter publishes ARC Energy Charts, a weekly journal of real-time business indicators, and writes a weekly column for Canada's National Newspaper, The Financial Post.

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

## Division of Professional Affairs (DPA) Luncheon Entrepreneurial Challenges in the Current Oil and Gas Environment both Domestically and Internationally



**Day:** Tuesday  
**Time:** 12:00 p.m.–1:15 p.m.  
**Location:** Hyatt Regency Calgary, Imperial Ballroom 1/2/3  
**Fee:** US \$55 + GST  
**Speaker:** Richard A. Walls, President, RAW Energy Ltd.

The traditional Division of Professional Affairs (DPA) Luncheon will take place on Tuesday in Calgary. Please check ACE.AAPG.org for information as soon

as it becomes available.

## Energy Minerals Division (EMD) Luncheon A Look Back in Canada and Forward to a Possible Worldwide "Green" Energy Solution

**Day:** Wednesday  
**Time:** 12:00 p.m.–1:15 p.m.  
**Location:** Hyatt Regency Calgary, Imperial Ballroom 4/6  
**Fee:** US \$55 + GST  
**Speaker:** Dr. Reg A. Olson



Dr. Reg Olson, a former Senior Advisor Mineral Resources with the Alberta Geological Survey (retired September 2007), has a long and distinguished career in mineral exploration and mineral deposits geology. Dr. Olson received his B. Sc. Honours Geology from the University of British Columbia; M.Sc. Economic Geology from University of Western Ontario; Ph.D. Economic Geology from University of British Columbia. He is credited as co-discoverer of the George Lake–Goose Lake gold deposits in

Nunavut, Canada, with a delineated resource in excess of 5 million ounces. Dr. Olson has over 45 years of experience in uranium (and other economic minerals) and has worked throughout Canada for various types of uranium deposits, including Athabasca Basin unconformity type, Elliott Lake paleoplacer type, roll front and other sedimentary-hosted deposits, Beaverlodge District vein-type, uranium-bearing IOGC deposits and uraniferous pegmatites. He is a professional geologist currently registered with the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC).

# HIGHLIGHTS *All events take place at BMO Centre at Stampede Park unless otherwise noted.*

## SEPM Business Meeting/Luncheon

### Carbonates in a Cold Ocean: An Evolving Paradigm

**Day:** Tuesday  
**Time:** 12:00 p.m. – 1:15 p.m.  
**Location:** Hyatt Regency Calgary, Imperial Ballroom 4/6  
**Fee:** US \$50 + GST  
**Speaker:** Noel James, Professor, Queen's University



Noel James is currently a Professor at Queen's University in Kingston, Ontario. He has worked in the oil business in Calgary, helped establish the Comparative Sedimentology Laboratory at the University of Miami, taught at Memorial University of Newfoundland and has been at Queen's University since 1986.

His talk covers the most improbable carbonate sediments and rocks, those that form or formed in cold, frigid and freezing ocean waters well outside

the soft, warm, sunlit waters of the tropics. Until recently such deposits have been barely mentioned – all limestones were considered tropical deposits! Now temperate and polar limestones are an integral part of sedimentology. Join Noel James at ACE 2016 and hear more about how this happened, the importance of this advance and the rush of discoveries that followed.

## Special Events

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

**Day:** Sunday  
**Time:** 3:00 p.m. – 3:45 p.m.  
**Location:** Palomino Room  
**Fee:** Included with registration

You've heard the buzz – now make sure to attend as the winners of this year's global AAPG/AAPG Foundation Imperial Barrel Award competition will be announced in a thrilling awards ceremony that is open for all to attend – giving you the chance to experience it in person. It's also a convenient way to start your ACE 2016 experience, because the awards presentation will take place just prior to the convention's Opening Session and Awards Ceremony. So come a bit early and be part of the excitement. The AAPG/AAPG Foundation IBA program is an annual competition in evaluating prospective basins, featuring teams of the top geoscience graduate students from around the world – all of whom have qualified for the finals by first winning IBA Region and Section competitions. The fast moving presentation will include an introduction of the IBA program and all the teams who made it to the finals, and recognition of the many generous sponsors who make the program possible. It all leads to the grand finale – the announcement of this year's winning teams. Come help us celebrate the accomplishments of these hardworking students – and see which teams win scholarship funds for their geosciences departments, and applaud the school that leaves Calgary with the title of IBA champion.

## Opening Session and Awards Ceremony

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

Plan now to start your ACE 2016 experience with a jolt of excitement and energy – arrive early at the BMO Centre's Palomino Ballroom for this year's entertaining opening session and awards ceremony.

General chair Paul MacKay will be at the podium to offer an official welcome to Calgary and its awe-inspiring, geologically rich setting – the fifth time the city has played host to an AAPG Annual Convention and Exhibition, and the first time since 2005.

He'll be joined by AAPG president John Hogg (a Calgary native and current resident, to boot!), who will make some welcoming comments of his own plus some brief remarks intended to offer encouragement and possibilities for success in today's tough economic environment.

And that's just the start.

Capping it all will be the show's highlight – the annual awards ceremony, featuring AAPG Vice President-Sections Steve Brachman at the podium as the best of AAPG are honored in a fast-moving, colorful and entertaining awards ceremony.

Be ready to be impressed by the display of excellence demonstrated by this year's slate of honorees – covering the best of the profession, the industry and the science – highlighted by brief remarks from Sidney Powers Memorial Award winner Dr. Paul E. Potter, and Michel T. Halbouty Outstanding Leadership Award Winner Scott Tinker.

Honoring the past, preparing for the future – it's the perfect start to your ACE 2016 experience. Don't miss it!

## Workshop

### EMD/SEG/DEG Oil Sands and Heavy-Oil Workshop: Furthering the Collaborations and Sharing the Learnings

**Day:** Sunday  
**Time:** 8:00 a.m. – 3:00 p.m.  
**Location:** Nexen Theatre, 801 7 Ave SW, Calgary, AB, Canada  
**Fee:** US \$90 + GST  
**Included:** Continental breakfast, lunch and beverages  
**Co-Chairs:** Chris Seibel (Nexen, Calgary, Alberta, Canada), Dr. Carmen C. Dumitrescu (Terra-IQ, Calgary, Alberta, Canada) and Dr. Huyen Bui (Shell, Houston, Texas, USA)

The day will be comprised of three sessions each beginning with three presentations and ending with a panel discussion.

Session 1 will have a broad focus ranging from future oil supply outlook to geology to new technology, Session 2 will focus on advancements in geophysics and Session 3 will focus on environmental protection and sustainable energy development. Full presenter details available at [ACE.AAPG.org](http://ACE.AAPG.org).

# CSPG INTERNATIONAL CORE CONFERENCE

- Days:** Thursday and Friday  
**Times:** Thursday, 8:00 a.m.–4:00 p.m.  
 Friday, 8:00 a.m.–3:00 p.m.  
**Location:** AER Core Research Centre  
 3545 Research Way NW, Calgary, AB, Canada  
**Fee:** US \$195 + GST  
 Last minute walk in rates available at the conference! \$130 CAN per day  
**Included:** Full access to core displays and presentations, Core Meltdown ticket, coffee, donuts and barbeque lunch both days

The Canadian Society of Petroleum Geologists (CSPG) Core Conference is the signature post-session of the AAPG 2016 Annual Convention and Exhibition (ACE). The theme for the 2016 International Core Conference, “Redefining Reservoir: Core Values,” will reflect the key geologic value we all share: the rocks tell the most important stories in our hydrocarbon quests!

If you haven’t been to a Core Conference before, you are in for a treat. The conference is being held in the world-class AER Core Research Centre that will feature over 30 core displays and accompanying posters over the two-day event. Exhibitors provide scheduled talks summarizing their displays and remain with their core to discuss concepts and features. Cores from all over the globe will be hosted

– Turkey, Brazil, Germany and North America. Displays will include both conventional and unconventional plays; siliciclastics, carbonates and evaporates, shales, oil sands, as well as some displays relating to carbon capture technology.

## Thursday

Time	Speaker	Presentation Title	Theme
8:00	Introduction		
8:05	Frank Stoakes	Stratal Architecture of a Fine-grained Carbonate Play: The Regional <b>Swan Hills Platform in West Central Alberta</b>	Carbonates & Evaporites
8:25	John Lake	A new model suggesting Deepening Upwards succession in the Midale Beds (Carbonates, Mississippian) in the <b>Williston Basin of Southeast Saskatchewan.</b>	Carbonates & Evaporites
8:45	Lauren Eggie	Sedimentology and Reservoir Characterization of the Mississippian Pekisko Formation, <b>Hawk Hills Area, Northern AB</b>	Carbonates & Evaporites
9:05	John Dunham	Paleogeographic Controls on Oil and Water Production from Vuggy Dolomites of the Slave Point Formation (Middle Devonian), Shown by 35 Years of Production Data from <b>Slave Field, Lubicon Lake, AB</b>	Carbonates & Evaporites
9:25	Allan Phillips	Reusable Reservoirs. Natural gas and Liquid Hydrocarbon Storage Pools of <b>Southwestern Ontario.</b>	Carbonates & Evaporites/Innovation & Other Studies
9:45	Jon Garrett	Regional Chemo- and Sequence Stratigraphic Analysis of the A-1 Carbonate, <b>Michigan Basin, USA</b>	International
10:05	Cornelius Rott	Reservoir Quality of a Diagenetically Altered Shallow Marine Carbonate Interval in the Permian Zechstein (Ca2), <b>East Germany</b> – Implications for Porosity Prediction Using Seismic Inversion Data	International
10:25	Break	Sponsored By: Core Labs	
10:45	Carolyn Currie	Lower Cretaceous Wilrich Member: Back to the Basics – Core-Based Reservoir Evaluation	Unconventional Reservoirs
11:05	Kerrie Bann	Depositional Facies of the Lower Spirit River Formation – Wilrich Member, <b>Alberta deep basin</b>	Unconventional Reservoirs
11:25	Rob Sadownyk	Mezardere Slope Fan Exploration Model, <b>Thrace Basin, Turkey:</b> Integration of Core, Outcrop, Seismic and Well Log Data	International
11:45	Simone Booker	Marine Tongues in the lower Charlie Lake Formation, Kobes-Altares region, northeastern <b>British Columbia</b>	Unconventional Reservoirs/ Carbonates & Evaporites

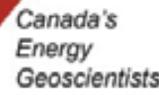
# CSPG INTERNATIONAL CORE CONFERENCE

12:05	BBQ Lunch	Sponsored by: Weatherford	
1:00	Gemma Hildred	1001 applications of inorganic geochemical data: <b>The Montney edition</b>	Unconventional Reservoirs
1:20	John Paul Zonneveld	The <b>Montney-Doig Boundary</b> and the 'Anisian Wedge': new information on an old problem	Innovation & Other Studies
1:40	Greg Soule	Unconventional Resources in Turbidite Sands of the Recôncavo Basin, <b>Onshore Brazil</b> : Core to Seismic Interpretation	International
2:00	Tom Moslow	Sedimentary Facies, Petrology, Conodont Biostratigraphy and Reservoir Quality of a Continuous (395m) Full Diameter Core of the Lower Triassic Montney Fm., <b>Northeastern British Columbia</b> .	Unconventional Reservoirs
2:20	Graham Davies	Slip faces and cleavage in the Montney and other unconventional reservoirs in the <b>WCSB</b> : structural, geomechanical and drilling/fracking implications	Unconventional Reservoirs
2:40	Break		
3:00	Emma Percy	Identification of Unconventional Reservoir "Sweet Spots" Using Conventional Methods: Stratal Architecture and Facies Distribution of the <b>Colorado Group Shale, West-Central Alberta</b>	Unconventional Reservoirs
3:20	Malcolm Lamb	Integrating Core, Log, Production and Outcrop Observation and Analysis to Evaluate the Petroleum Potential of the Second White Speckled Shales	Unconventional Reservoirs
3:40	Korhan Aryanci	Multidisciplinary Integration of Sedimentology, Ichnology, Stratigraphy and Geomechanics in Two Major Devonian Shale Plays in Canada; <b>The Horn River Group and Duvernay Formation</b>	Unconventional Reservoirs
4:00	Gary Couples	Digital Rock Approaches for Extending Core Materials into Time/Space/Process Dimensions	Innovation & Other Studies

## Friday

Time	Speaker	Presentation Title	Theme
8:00	Introduction		
8:05	Roger Slatt	Woodford Shale (Unconventional Resource) Core from the Arkoma Basin, Oklahoma: Litho/Sequence Stratigraphy, Palynology, Chemostratigraphy, Hardness, and Organic Geochemistry	International
8:25	Bryan Turner	The Use of Chemostratigraphy to Refine Ambiguous Sequence Stratigraphic Correlations in Marine Mudrocks. An Example from the Woodford Shale, Oklahoma	International
8:45	Steve Sonnenberg	The Giant Continuous Oil Accumulation in the Bakken Petroleum System, U.S. Williston Basin	International
9:05	Riley Brinkerhoff	The Bakken-Three Forks Petroleum System in the Northern Williston Basin as Displayed by the Douts 4-7 Core, Burke County, North Dakota, USA	International
9:25	Amin Ghanizadeh	Controls on the Hydrocarbon Accumulation and Production in the Bakken Formation: Integrating High Resolution Core Analysis with Sedimentological and Stratigraphic Attributes	Unconventional Reservoirs
9:45	Luc Roc	Quest CCS Project: World's 1st Full-Scale Commercial Application of CCS at an Oil Sands Operation	Innovation & Other Studies
10:05	Kirk Osadetz	CaMI's Countess well (10-22-17-16W4): the Upper Cretaceous succession at a Unique Subsurface Laboratory and Technology Demonstration Site in Newell County, Alberta	Innovation & Other Studies
10:25	Break	Sponsored By: Core Labs	

# CSPG INTERNATIONAL CORE CONFERENCE

10:45	Rick Schroeder	Abandoned Channel Characterization at Surmont and Implications for SAGD Development of the McMurray Formation	Oil Sands
11:05	Scott Botterill	Facies Architecture and Permeability Variation in a Wave-Influenced Delta: Central Deposit, Peace River Oil Sands, Alberta	Oil Sands
11:25	Mike Ranger	The Character of Embayment Reservoirs in the Athabasca Oil Sands	Oil Sands
11:45	Sergey Ishutov	Testing 3-D Printed Rock Copies in the Lab: Advantages and Limitations	Innovation & Other Studies
12:05	<b>BBQ Lunch</b>	<b>Sponsored by: Weatherford</b>	
1:00	Stefan Knopp	Muddy Coastlines and Tidal Bays: Late Jurassic to Early Cretaceous Foreland Basin Deposition in West-Central Alberta	Innovation & Other Studies
1:20	Dennis Meloche	How Deep Is Shallow? - An Alternative Deep-Water Depositional Facies Interpretation for Sandy Heterolithic Strata of the Turonian Cardium Formation, Alberta, Canada	Tight Sands & Halo Plays
1:40	Karen Grey	Stratigraphically-constrained variations in poroelastic properties in the Pembina Cardium Halo tight oil play: facies, fractures, and fundamentals	Tight Sands & Halo Plays
2:00	Camilo Rojas-Aldana	Beyond The Limits Of The Pembina Oil Field – Cardium Formation Reservoir, Brazeau Area: A Study Of The Geological Characteristics Of A Highly Heterogeneous Rock Formation. Permeability, Geochemistry	Tight Sands & Halo Plays
2:20	Sarah Schultz	Subsurface Analysis of Falling Stage and Lowstand Deposits of the Lower Cretaceous (Albian) Viking Formation at the Joarcam Field, Central Alberta, Canada	Tight Sands & Halo Plays
2:40	Chenyu Yang	Possible Occurrences of Transition Zones and Residual Oil Zones Below Oil-water Contacts in Mature Oil Fields, Southeast Saskatchewan	Innovation & Other Studies
3:00	   		

## CSPG Core Meltdown

- Day:** Friday  
**Time:** 3:00 p.m.  
**Location:** AER Core Research Centre  
 3545 Research Way NW, Calgary, AB, Canada  
**Fee:** Included with CSPG International Core Conference registration  
**Included:** Admission, two drink tickets and appetizers

Don't miss out on the tradition – join us for the Core Meltdown at this year's AGAT Rocky Mountain Saloon. After two days of technical discussion and demonstration, come enjoy Calgary's Western Heritage at our rain or shine tent event. Live music, food and beverages make this event the perfect way to finish off the week. Tickets for the Core Meltdown only may also be purchased separately by visiting [www.cspg.org](http://www.cspg.org) or call the CSPG office at +1 403 264 5610. Hope to see all you cowboys and cowgirls there!

## Core Conference Sponsors



# SEPM ACTIVITIES



## SEPM President's Reception and Awards Ceremony

**Day:** Tuesday  
**Time:** 7:30 p.m. – 9:30 p.m.  
**Location:** Calgary Marriott Downtown, Acadia A/B  
**Fee:** Included with registration



SEPM President Janok Bhattacharya invites you to an evening of celebration to honor the 2016 award winners of SEPM (Society for Sedimentary Geology) and a great event to network and visit with colleagues old and new. The Twenhofel Medal, the highest award of SEPM given in recognition of a career of outstanding contributions to sedimentary geology, will be presented to Ron Steel. SEPM Honorary Membership,

given for both scientific contributions and service to the society, will be awarded to Chris Fielding. The other science award recipients are James Syvitski, who will receive the Francis P. Shepard Medal in recognition of excellence in marine geology; Anna Behrensmeyer, the Raymond C. Moore Medal in recognition of excellence in paleontology; V. Paul Wright, the Pettijohn Medal for excellence in sedimentology and Stephen Meyers, the Wilson Award for excellence in sedimentary geology by an early career geoscientist. SEPM will also honor the recipients of the Best Paper Awards for 2014 in both of its journals, *Journal of Sedimentary Research* and *PALAIOS*.

SEPM will also recognize the Best Student Presentation Awards from the 2016 Annual Meeting, where cash prizes will be presented to the top student presenters from the SEPM Student Awards Poster Session scheduled for Monday at Calgary, sponsored by Nexen. As always, SEPM will recognize the members of the 2016 Annual Meeting Organizing Committee, without whom the meeting could not take place, and SEPM Foundation Student Grant recipients. The reception will begin at

7:30 p.m. with cocktails available at cash bars and substantial hors d'oeuvres. The awards ceremony will start at 8:00 p.m.

## SEPM Research Group Meetings and Reception

**Day:** Monday  
**Time:** 7:30 p.m. – 10:00 p.m.  
**Location:** Calgary TELUS Convention Centre, Glen Rooms  
**Fee:** Included with registration

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

## SEPM Field Trips and Short Courses

Be sure to check out the post-convention field trips and short courses available for this meeting that have numerous heavily discounted student seats sponsored by multiple companies.

## SEPM Best Student Poster Presentation Competition

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

# ALUMNI ACTIVITIES

## All-Alumni Reception

**Day:** Monday  
**Time:** 6:00 p.m. – 8:00 p.m.  
**Location:** Hyatt Regency Calgary, Imperial Ballroom 1/2/3  
**Fee:** Included with registration

Mingle with former classmates at the All-Alumni Reception featuring cash bar and light hors d'oeuvres. Signs will identify tables for participating colleges and universities.

### Participating colleges and universities:

- Imperial College London
- Iowa State University
- New Mexico Tech
- Rice University

## Private Alumni Receptions

**Day:** Monday  
**Time:** 6:00 p.m. – 8:00 p.m.  
**Location:** Hyatt Regency Calgary

- Colorado State University: Neilson 3
- Texas A&M University: The Atrium
- University of Kansas: Neilson 1
- West Virginia University: Bannerman

## Private Alumni Functions

- Indiana University  
Monday, 6:00 p.m. – 8:00 p.m. | Ed's Restaurant | 202 17th Ave. SE
- University of Illinois at Urbana-Champaign  
Monday, 6:00 p.m. – 8:00 p.m. | Ed's Restaurant | 202 17th Ave. SE
- University of Texas at Austin, Jackson School of Geosciences  
Monday, 6:00 p.m. – 8:00 p.m. | Vagabond | 1129 Olympic Way SE
- University of Utah  
Tuesday, 5:30 p.m. – 7:30 p.m. | Private Function | Contact Cari Johnson at [cari.johnson@utah.edu](mailto:cari.johnson@utah.edu)

# EXHIBITION HALL AND NETWORKING EVENTS

## Icebreaker Reception

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

Be there when the Exhibition opens and enjoy drinks and hors d'oeuvres with your colleagues and network with exhibitors.

## Refreshment Breaks

**Days:** Monday–Wednesday  
**Times:** 9:25 a.m.–10:25 a.m. (Monday, Tuesday and Wednesday)  
3:10 p.m.–4:10 p.m. (Monday and Tuesday only)  
**Location:** Halls D/E

Grab a cup of coffee or tea and see the latest industry trends inside the Exhibition.

## End-of-Day Receptions

**Days:** Monday–Tuesday  
**Time:** 5:00 p.m.–6:00 p.m.  
**Location:** Halls D/E

End your successful day with beverages and snacks while engaging with colleagues and exhibitors.

## AAPG PROWESS/AWG/SEG Networking Reception – Diversify Your Geoscience Network!

**Day:** Saturday  
**Time:** 6:30 p.m.–9:00 p.m.  
**Location:** Hyatt Regency Calgary  
**Registration:** To register contact Susie Nolen [snolen@aapg.org](mailto:snolen@aapg.org)  
**Fee:** No charge with advance registration.  
US \$10 at the door

**Includes:** Hors d'oeuvres, wine and beer cash bar

Be inspired by women and men who pioneered paths for women to have careers in geoscience, with women making strides into all levels of technical and managerial achievement, and with young professionals and students.

### Network and gather career tips from geoscientists working in:

Petroleum – Energy Minerals – Environmental Geoscience – Government – Academia. Whether you are starting a new career, making a career change or are a retiree, don't miss this opportunity to broaden your geoscience network and share an evening of hors d'oeuvres and drinks.



**geoconvention**  
Calgary • Canada • May 15-19 **2017**

GeoConvention 2017 is a must-attend event for access to latest innovations in Geoscience with market and business insights, personal development and advances in health, safety and environment.

OVER  
**100**  
EXHIBITING  
COMPANIES

OVER  
**4,000**  
ATTENDEES

OVER  
**100**  
POSTERS

OVER  
**300**  
ORAL  
PRESENTATIONS

# STUDENT ACTIVITIES

## Student and Faculty Lounge

**Days:** Monday–Wednesday  
**Time:** Exhibition hours  
**Location:** Exhibition, Booth #2239

Complimentary refreshments are provided in the lounge offering students their own place to meet with fellow students and industry professionals to develop career contacts and lifelong friends.

## Student Career Seminar

**Day:** Monday  
**Times:** 4:00 p.m.–6:00 p.m.  
**Location:** Hyatt Regency Calgary, Herald/Doll  
**Fee:** US \$10 + GST

This workshop, sponsored by the AAPG/SEG Student Expo Committee, is designed to assist students and recent graduates in their employment search endeavors within the petroleum and environmental industries by introducing them to the activities of day-to-day life in these industries and offering specific job search strategies and tips for finding that perfect job. There will be a brief introduction to the table discussion leaders, who are industry managers and technical professionals, followed by a series of 30-minute facilitated roundtables where students are encouraged to ask questions of the discussion leaders. The discussion leaders will rotate amongst the tables maximizing interaction between industry professionals and students. Students may also choose to sign up for a résumé review with an industry recruiter during this workshop. The résumé review offers practical guidelines for résumé development and interviewing tips.

# YOUNG PROFESSIONALS

## Young Professionals Meet & Greet

**Day:** Sunday  
**Time:** 2:00 p.m.–3:00 p.m.  
**Location:** Mustang Room  
**Fee:** Included with registration

Make plans to participate in the annual Young Professionals Meet & Greet event which is a great networking opportunity and serves as a link to connect students and early career professionals with experienced attendees (mentors) at ACE. The Young Professionals Special Interest Group oversees this event, pairing attendees to learn/share industry knowledge as well as help guide newcomers through the convention experience. This event occurs prior to the Opening Session on Sunday afternoon. Professionals may be paired with one or more students/young professionals. These paired group of students/young professionals will be shown around the Exhibition during the Icebreaker Reception and introduced to other AAPG members and colleagues.

This program grows in popularity every year with positive reviews from all who participate. Please indicate your interest in this program during the registration process and additional information will be sent to you.

## AAPG/SEPM Student Reception

**Day:** Monday  
**Time:** 6:30 p.m.–8:30 p.m.  
**Location:** Hyatt Regency Calgary, Imperial Ballroom 4/6/8  
**Fee:** Included with registration

All students and faculty attending the convention are invited to the AAPG/SEPM Student Reception. Enjoy hors d'oeuvres and refreshments while mingling with your peers. An introduction will be given by an ExxonMobil representative before the top three poster authors from the Shell sponsored "Selected Academic Research

Topics: Student Presentations" receive awards. The Jim Hartman Service to Students Award will be conveyed to AAPG recipients(s) who contributed exceptional service to AAPG's Student Programs. The awards program continues with the presentation of the Schlumberger sponsored Outstanding Student Chapter Awards, the Student Chapter YouTube video competition and recognition of the Imperial Barrel Awards Team.

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

The IBA Program is an annual prospective basin evaluation competition for geoscience graduate students from universities around the world. Teams winning IBA Region and Section competitions qualify for an opportunity to compete in the international finals during ACE. Sponsoring company representatives are allowed to watch the team presentations. For more information, please go to [iba.aapg.org/](http://iba.aapg.org/) sponsorship or contact Mike Mlynek at [iba@aapg.org](mailto:iba@aapg.org). The announcement of the winning teams for this year's IBA competition is open for all to attend and will take place right before the start of the Opening.

## Young Professionals Focus: How to Build Your Own Business Opportunities

**Day:** Tuesday  
**Time:** 2:00 p.m.–3:30 p.m.  
**Location:** Mustang Room  
**Fee:** Included with registration

Join us for presentations and a lively discussion on how young professionals (YPs) can keep their careers alive and take advantage of unique opportunities and skill sets during a protracted downturn, and a time of paradigm shifts in the industry.

### Topics:

- Impact on YPs of the downturn / attitudes of the industry & profession toward YPs
- Kinds of business opportunities available right now
- Skill sets unique to YPs which can leverage into unique opportunities
- Has the work environment changed?
- Has gender been a factor in the workplace?
- Needs... now and the future
- AAPG events, networking, training

## CAREER CENTER *All events take place at BMO Centre at Stampede Park unless otherwise noted.*

### 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:** Arabian B

The Career Center is an AAPG benefit for both employers and job seekers, and is conveniently accessible to the public. Registration is not required. We also have private interview rooms available during the hours posted.

The AAPG Career Center helps job seekers and employers connect in an environment specifically designed for petroleum geosciences professionals, saving them both time and effort. AAPG staff 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 also have access to our online résumé database. 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.

### Career Services and DPA Forum

**Day:** Tuesday  
**Time:** 5:30 p.m.–7:00 p.m.  
**Location:** Mustang Room  
**Fee:** Included with registration

The Career Services Committee, along with the Division of Professional Affairs, propose a career development panel session where four to five panelists discuss the pros and cons of taking a managerial path versus staying technical throughout your geologic career. Along with discussing managerial versus technical paths and all of the variations within, we will also have the panelists talk about how to develop your leadership skills, business skills, mentor skills and also personal skills as your career evolves.

### Career Forum: How to Be an Independent or Consultant: Build Your Own Opportunities

**Day:** Monday  
**Time:** 2:00 p.m.–3:30 p.m.  
**Location:** Mustang Room  
**Fee:** Included with registration

This session focuses on strategies for becoming a consultant or independent geoscientist in today's industry conditions. The presentations are practical guidance for implementing the business and the types of technical services that are most in demand. The presentations also include where to find sources of free and low-cost oil and gas leasing, drilling, completion, and production data, as well as repositories of digital well logs. In addition, sources of low-cost and open source software will be presented. Presenters will share their personal experiences.

- Introduction
- How to Be an Independent - Deborah Sacrey
- Build Your Own Business Opportunities in the Oil Business: Practical Steps - Susan Nash
- Setting Yourself Up to Consult in Canada - Amy Fox
- Overview of the AAPG Publication, Becoming an Independent Geologist: Thriving in Good Times and Bad by James A. Gibbs
- Resources for Getting Started
- Q&A / Discussion



# SHORT COURSES *Visit ACE.AAPG.org for detailed information.*

Pre-Convention Short Courses				
Title	Instructor(s)	Dates/Times	Locations	Fees (5% GST will be added)
1. Seismic and Geological Interpretation in Structurally Complex Settings (CSPG)	Mark Cooper (Sherwood GeoConsulting Inc., Calgary, Alberta, Canada and University of Aberdeen, Scotland) and Marian Warren (Jenner GeoConsulting Inc., Calgary, Alberta, Canada)	Wednesday, 15 June– Friday, 17 June 8:00 a.m.–4:30 p.m.	Calgary, AB, Canada - University of Calgary Downtown	Professionals US \$1,250 (increases to US \$1,350 on 1 May) *Students US \$950
2. Applied Ichology: The Use of Trace Fossils in Sequence Stratigraphy, Exploration and Production Geology (SEPM)	S. George Pemberton (University of Alberta, Edmonton, Alberta, Canada), James MacEachern (Simon Fraser University, Burnaby, British Columbia, Canada), Luis Butois (University of Saskatchewan, Saskatoon, Saskatchewan, Canada) and Murray Gingas (University of Alberta, Edmonton, Alberta, Canada)	Thursday, 16 June– Friday, 17 June 8:00 a.m.–5:00 p.m.	Calgary, AB, Canada - Core Research Centre	Professionals US \$480 *Students US \$100
3. Evaluation and Exploitation of Low Permeability Carbonate Reservoirs in Western Canada (CSPG)	Graeme Bloy (Quarterpoint Resources Ltd., Calgary, Alberta, Canada)	Friday, 17 June 8:00 a.m.–4:00 p.m.	Calgary, AB, Canada - CSPG Office	Professionals US \$650 (increases to US \$750 on 1 May) *Students US \$400
4. Fractured Reservoirs in Compressional and Adjacent Foreland Basin Settings (CSPG)	Euan Macaulay and Alan Vaughan (Midland Valley, Glasgow, UK)	Friday, 17 June 8:00 a.m.–4:30 p.m.	Calgary, AB, Canada - IHS	Professionals Only US \$500 (increases to US \$600 on 1 May)
6. Decision and Risk Analysis for Uncertain Times in the Energy Industry (PROWESS/AWG)	Andrew Burton, (ConocoPhillips, Houston, Texas, USA)	Saturday, 18 June 8:00 a.m.–5:00 p.m.	Calgary, Alberta, Canada	Professionals US \$200 *Students US \$100
7. Sequence-Stratigraphic Analysis of Shales: Key to Paleoclimate Archives, Subsurface Fluid Flow and Hydrocarbon Source, Reservoir and Seal (SEPM)	Kevin M. Bohacs, Ovidiu Remus Lazar and Joe MacQuaker (ExxonMobil Upstream Research Company, Houston, Texas, USA) and Juergen Schieber (Indiana University, Bloomington, Indiana, USA)	Saturday, 18 June 8:00 a.m.–5:00 p.m.	Calgary, AB, Canada - Calgary TELUS Convention Centre, TELUS 104-105	Professionals US \$450 *Students US \$100
9. From Rocks to Models: Geological Reservoir Characterization and Modeling (CSPG)	Dr. Matthew J. Pranter (University of Oklahoma, Norman, Oklahoma, USA) and Dr. Lisa Stright (Colorado State University, Boulder, Colorado, USA)	Saturday, 18 June– Sunday, 19 June 8:00 a.m.–4:30 p.m.	Calgary, AB, Canada - University of Calgary Downtown	Professionals US \$750 (increases to US \$850 of 1 May) *Students US \$450
11. Basin Analysis Methods for Exploration (SEPM)	Oscar Lopez-Gamundi (P1C Consultants, Houston, Texas, USA)	Saturday, 18 June– Sunday, 19 June 9:00 a.m.–5:00 p.m.	Calgary, AB, Canada - Calgary TELUS Convention Centre, TELUS 106	Professionals US \$600 *Students US \$200
13. Advanced Geochemical Technologies: Methods That Reveal the Rest of Your Petroleum System (AAPG)	J.M. "Mike" Moldowan, (Biomarker Technologies, Inc., Rohnert Park, California, USA)	Sunday, 19 June 8:00 a.m.–5:00 p.m.	Calgary, AB, Canada - Calgary TELUS Convention Centre, TELUS 108	Professionals US \$895 (increases to US \$1,095 on 20 May) *Students US \$115
14. Integration of Petroleum Geochemistry and Reservoir PVT Analyses for Evaluation of Hydrocarbon Resource Plays (AAPG)	John B. Curtis (Colorado School of Mines, Golden, Colorado, USA), Andy Mort (Geological Survey of Canada, Calgary, Alberta, Canada) and John Zumberge (GeoMark, Houston, Texas, USA)	Sunday, 19 June 8:00 a.m.–5:00 p.m.	Calgary, AB, Canada - Calgary TELUS Convention Centre, TELUS 109	Professionals US \$895 (increases to US \$1,095 on 20 May) *Students US \$115
Post-Convention Short Course				
16. Rock & Seismic Sequence Expression of Carbonate Systems- Exploration & Reservoir (SEPM)	Rick Sarg (Colorado School of Mines, Golden, Colorado, USA)	Thursday, 23 June– Friday, 24 June	Calgary, AB, Canada - Calgary TELUS Convention Centre, Glen 201	Professionals US \$500 *Students US \$100

## CANCELLED:

- Introduction to Oil Sands Thin Section Analysis (AAPG)
- Principles of Stratigraphy (CSPG)
- Assessment of Alberta Oil Sands - Integration of Geology, Geophysics, Geochemistry and Reservoir Engineering for Reservoir Characterization and Optimizing Thermal Recovery (CSPG)
- The Three P's of Stratigraphic Geosteering: Principles, Practice and Pitfalls (DPA)

## SOLD OUT:

- Sequence Stratigraphy for Graduate Students (SEPM), Calgary, AB, Canada - Calgary TELUS Convention Centre, TELUS 102

# FIELD TRIPS Visit [ACE.AAPG.org](http://ACE.AAPG.org) for detailed information.

Pre-Convention Field Trips			
Title	Leader(s)	Dates/Times	Fees (5% GST will be added)
3. Young Professionals Guided Hike to Stanley Glacier and Marble Canyon, Kootenay National Park (AAPG Canada Region)	Dr. Jean-Bernard Caron (Curator of Invertebrate Paleontology, Royal Ontario Museum, Toronto, Ontario, Canada) and Dr. Robert Gaines (Associate Professor, Pomona College, Claremont, California, USA)	Saturday, 18 June, 7:30 a.m.–8:00 p.m.	Young Professionals US \$100 (Young Professionals only)
4. Structure of the Canadian Rockies (CSPG)	Melissa Newton (ConocoPhillips, Calgary, Alberta, Canada) and Gary Prost (Prost & Associates, Calgary, Alberta, Canada)	Saturday, 18 June, 7:00 a.m.–6:00 p.m.	Professionals US \$275 *Students US \$138
Post-Convention Field Trips			
7. Mt. Stephen Fossil Beds (CSPG)	The Burgess Shale Geoscience Foundation Guides	Thursday, 23 June, 6:30 a.m.–8:00 p.m.	Professionals US \$300 *Students US \$150
10. Dinosaur Palaeobiology and Preservation in Cretaceous Fluvial Reservoir Analogues of Dinosaur Provincial Park, Alberta (CSPG)	Jon Noad (Husky Energy, Calgary, Alberta, Canada)	Thursday, 23 June, 8:00 a.m.–9:00 p.m.	Professionals US \$375 *Students US \$188
12. Structural Geology and Hydrocarbon Setting in the Southern Alberta Foothills (CSPG)	Marian Warren (Jenner GeoConsulting Inc., Calgary, Alberta, Canada) and Mark Cooper (Sherwood GeoConsulting Inc., Calgary, Alberta, Canada and University of Aberdeen, Scotland)	Thursday, 23 June, 8:00 a.m.–Saturday, 25 June, 7:00 p.m.	Professionals US \$1,500 *Students US \$750
13. The Mid-Paleozoic Exshaw/Banff Unconventional Petroleum System, Alberta: Correlative of Bakken Tight-Oil Play in Williston Basin (CSPG)	Barry Richards and Tim Hartel (Calgary, Alberta, Canada)	Thursday, 23 June, 9:00 a.m.–Saturday, 25 June, 7:00 p.m.	Professionals US \$655 *Students US \$328

## CANCELLED:

1. Fluvial Facies in Dinosaur Provincial Park and in Drumheller Area Plus the Royal Tyrell Museum (SEPM)
2. Unconventional Clastic Reservoirs of Western Canada (SEPM)
5. Turner Valley: Cradle of Petroleum Geology in the Canadian Rocky Mountain Foothills (CSPG in conjunction with AAPG History of Petroleum Geology Committee)
6. McMurray Formation Oil Sands Deposits From Basin to Molecular Scales: Reservoir Characterization and Insights for Thermal In-situ Recovery (CSPG)
8. Architecture & Evolution of a Tidally-Influenced Regressive Succession, Drumheller Area (SEPM)
11. Quaternary Geology in the Foothills and Rocky Mountains, Calgary to Columbia Icefields (Athabasca Glacier) (DEG)
15. Montney Formation in the Jasper Area (SEPM)

## SOLD OUT:

9. Petroleum Structures of the Alberta Thrust Belt (AAPG Student Chapter/SEPM)
14. Sequence Stratigraphy and Resulting Facies Architecture of the Upper Devonian (Frasnian), Main and Front Ranges, West Central Alberta (CSPG)



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

\*Student registration is limited and available on a first-come basis.

## GUEST PROGRAM

# Welcome to Calgary!

A visit to Calgary is an opportunity to experience something amazing; world-renowned cultural attractions, excellent restaurants, shopping destinations and acres of urban parkland. Community spirit is what truly sets Calgary apart. No matter where you go, you will see a unique brand of western hospitality in action.

Registered guests can visit the Guest Hospitality Suite to sit and relax and enjoy refreshments. Volunteers from the Guest Program Committee will be on hand to answer your questions about the Calgary area. Let us help you get acquainted with our city and the surrounding area. Whatever your interests are, Calgary has something for everyone!

### Guest Hospitality Suite Hours:

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

*You may register as a guest if you are neither a geoscience professional nor involved in the petroleum industry. Guest registrations must be accompanied by a professional registration.*

## Guest Tours

All guest tours will depart from and return to the Hyatt Regency Calgary. Participants should plan to arrive in the lobby 15 minutes prior to the published departure times. Participants need to wear comfortable walking shoes and wear appropriate clothing for both indoor and outdoor conditions.

### Drumheller & Badlands Day Tour **\*SOLD OUT\***

**Day:** Monday  
**Time:** 8:00 a.m. – 5:00 p.m.  
**Fee:** US \$95 + GST  
**Includes:** Transportation, tour guide, bottled water, Royal Tyrrell Museum entrance (Lunch not included)  
**Limit:** Minimum 25 people

### Downtown Calgary City Walking Tour

**Day:** Monday  
**Time:** 9:00 a.m. – 11:00 a.m.  
**Fee:** US \$35 + GST  
**Includes:** Tour guide and entrance to the Calgary Tower (on own, after tour)  
**Limit:** Maximum 30 people

### Banff Highlights Tour **\*SOLD OUT\***

**Day:** Tuesday  
**Time:** 8:00 a.m. – 5:00 p.m.  
**Fee:** US \$115 + GST  
**Includes:** Transportation, tour guide, bottled water, Parks Canada Fees, Banff Gondola (Lunch not included)  
**Limit:** Minimum 25 people

## SOCIAL ACTIVITY

### Experience the Glenbow Museum – Explore the Historical Stories of Western Canada and Enjoy Treasures of the Mineral World

**Day:** Tuesday  
**Time:** 6:30 p.m. – 9:30 p.m.  
**Location:** Glenbow Museum Downtown Calgary  
**Fee:** US \$50 + GST Professionals & Guests  
US \$35 + GST Students  
**Includes:** Professionally guided tours through select exhibits, appetizers, two drink tickets and cash bar  
**Limit:** 150 Professionals & Guests / 25 Students

Join Canada's Energy Geoscientists for an evening of discovering the Glenbow Museum while networking. The Glenbow showcases world-renowned traveling and permanent exhibits that are meaningful to many diverse groups in our community, and also boasts the largest art collection in Western Canada. Do not miss out on this opportunity to eat, drink, explore and socialize!

The professionally guided tours available during the reception are:

**Niitsitapiisinni – Our Way of Life:** A Journey Through the Blackfoot Gallery. Uncover the traditions, values and history of these people who have lived for thousands of years in the Northwestern Plains of Alberta and Montana.

**Treasures of the Mineral World:** A colorful glimpse into the Depth and Diversity found in the mineral world.

Each tour runs 25 minutes and they are optional to take throughout the evening.

# Building a better foundation for the geosciences **with your help**



Pictured: Yuelio Liu, University of Houston student and 2016 Grant recipient of the J. Elmer Thomas Past-Presidents Memorial Grant.

Contribute to the AAPG Foundation  
and ensure the future of geology.  
No matter what your passion, there  
is a program that you can support.

**Join your colleagues and make a difference. Contribute today.**

**Online:** [foundation.aapg.org](http://foundation.aapg.org) » **Mail:** P.O. Box 979, Tulsa, OK 74101 » **Phone:** 1-855-302-2743



# COMMITTEE MEETINGS

COMMITTEE	DAY	TIME	ROOM
<b>AAPG – Held at the Hyatt Regency Calgary unless otherwise noted.</b>			
2016 ACE - Convention Wrap Up	Tuesday	1:30 p.m. – 2:30 p.m.	Neilson 2
AAPG Advisory Council	Friday	8:00 a.m. – 4:00 p.m.	Stephen Room A/B
AAPG Executive Committee	Saturday	8:00 a.m. – 4:00 p.m.	Stephen Room A
Africa Region All Members Meeting	Tuesday	9:30 a.m. – 11:00 a.m.	Herald/Doll
Africa Region Leadership Meeting	Tuesday	7:00 a.m. – 9:00 a.m.	Neilson 3
All-Alumni Reception	Monday	6:00 p.m. – 8:00 p.m.	Imperial Ballroom 1/2/3
Asia Pacific Region Meeting	Tuesday	8:30 a.m. – 10:00 a.m.	Bannerman
Astrogeology Committee	Tuesday	9:30 a.m. – 11:00 a.m.	Neilson 3
Canada Region - Annual General Meeting	Tuesday	5:30 p.m. – 7:00 p.m.	Stephen Room A/B
Corporate Advisory Board	Monday	8:00 a.m. – 11:00 a.m.	Imperial Ballroom 1
Datapages Board of Directors	Tuesday	1:30 p.m. – 3:00 p.m.	Neilson 1
DPA Council & Executive Committee	Saturday	8:00 a.m. – 2:00 p.m.	Imperial Ballroom 5
Eastern Section of AAPG Council	Monday	7:00 a.m. – 8:30 a.m.	Stephen Room, A/B
Energy Minerals Division Leadership	Saturday	3:00 p.m. – 5:00 p.m.	Imperial Ballroom 3
Foundation Members of the Corporation	Monday	2:00 p.m. – 5:00 p.m.	BMO Centre at Stampede Park, Arabian C
Geophysical Integration Committee	Monday	1:30 p.m. – 4:30 p.m.	Stephen Room A
GIS Publications	Monday	9:00 a.m. – 10:30 a.m.	Imperial Ballroom 2
Global Distinguished Lecture Committee	Wednesday	11:00 a.m. – 1:30 p.m.	Bannerman
Grants-in-Aid Committee Meeting – Education Awards Committee	Tuesday	2:00 p.m. – 3:30 p.m.	The Gallery
History of Petroleum Geology Committee	Monday	7:00 a.m. – 9:00 a.m.	Doll
House of Delegates Constitution and Bylaws Committee	Saturday	10:30 a.m. – 12:00 p.m.	Bannerman
House of Delegates Leadership	Saturday	1:00 p.m. – 5:00 p.m.	Bannerman
House of Delegates Meeting	Sunday	8:00 a.m.	Imperial Ballroom 4/6/8
Imperial Barrel Award Committee	Tuesday	9:30 a.m. – 12:00 p.m.	Imperial Ballroom 9
Mid-Continent Section Council Meeting	Tuesday	7:00 a.m. – 8:15 a.m.	The Gallery
Petroleum Structure & Geomechanics Division (PSGD)	Tuesday	5:30 p.m. – 9:30 p.m.	Imperial Ballroom 1/2/3
Preservation of Geologic Data Committee	Tuesday	8:00 a.m. – 11:00 a.m.	Stephen Room A
PROWESS/AWG/SEG Networking Reception – Diversify Your Geoscience Network!	Saturday	6:30 p.m. – 9:00 p.m.	Imperial Ballroom 3 5/7
Region Leadership Appreciation Breakfast	Wednesday	7:30 a.m. – 9:00 a.m.	Thomsons
Reservoir Development Committee	Tuesday	3:15 p.m. – 3:50 p.m.	Bannerman
Research Committee	Tuesday	5:30 p.m. – 6:30 p.m.	Neilson 3
Rocky Mountain Section - Executive Committee Meeting	Tuesday	4:00 p.m. – 5:00 p.m.	Neilson 2
Section Leadership Appreciation Breakfast	Wednesday	7:30 a.m. – 9:00 a.m.	Thomsons

# COMMITTEE MEETINGS

Student Career Seminar	Monday	4:00 p.m.–6:00 p.m.	Herald/Doll
Unconventional Research Group	Tuesday	7:15 p.m.–10:00 p.m.	Imperial Ballroom 5/7/9
Visiting Geoscientist Program Committee	Tuesday	7:30 a.m.–9:00 a.m.	Imperial Ballroom 3
<b>SEPM Committee Meetings – Held at the Calgary Marriott Downtown unless otherwise noted.</b>			
SEPM Council Meeting	Saturday	8:00 a.m.–5:00 p.m.	TELUS Convention Centre, Telus 107
SEPM NAMS Council Meeting	Sunday	3:00 p.m.–5:00 p.m.	TELUS Convention Centre, Telus 107
SEPM Business Luncheon	Tuesday	12:00 p.m.–1:15 p.m.	Hyatt Regency, Imperial Ballroom 4/6
SEPM Foundation Reception	Tuesday	6:30 p.m.–7:30 p.m.	Kensington A/B/C/D
SEPM President's Reception	Tuesday	7:30 p.m.–9:30 p.m.	Acadia A/B
<b>SEPM Research Groups – Held at the TELUS Convention Center unless otherwise noted.</b>			
Carbonate Research Group	Monday	7:30 p.m.–10:00 p.m.	Glen 201-203
Deepwater Research Group	Monday	7:30 p.m.–10:00 p.m.	Glen 206
Marine Micropaleo Research Group	Monday	7:30 p.m.–10:00 p.m.	Glen 208
Sequence Strat Research Group	Monday	7:30 p.m.–10:00 p.m.	Glen 209
Siliclastic Diagenesis Research Group	Monday	7:30 p.m.–10:00 p.m.	Glen 205
<b>Other Meetings – Held at Calgary Marriott Downtown unless otherwise noted.</b>			
AGI Past Presidents' Reception & Dinner	Saturday	5:30 p.m.–9:30 p.m.	Acadia A/B
AGI Member Society Council	Monday	7:30 a.m.–11:30 a.m.	Acadia A/B
AGI Foundation Trustees	Tuesday	7:30 a.m.–11:30 a.m.	Acadia B
Friends of Sherlock Holmes	Wednesday	7:00 p.m.	James Joyce Irish Pub, 114 8 Avenue SW

## The following Committees/Organizations/Groups are not having a meeting at ACE:

100th Anniversary Committee	Latin America Region All-Member Meeting
2016-2017 Executive Committee	Membership Committee
Career Services Committee	Membership Recruitment Committee
Committee on Resource Evaluation	Middle East Region Council
Division of Environmental Geosciences	Pacific Section
DEG Advisory Board	Public Outreach Committee
Editors' Appreciation Breakfast	Publications Committee
Education Committee	Rocky Mountain Section - AAPG Foundation Meeting
EMD Gas Hydrate Committee	Sections Committee
Energy Minerals Division Mini Reception	Southwest Section
Europe Region Council	Student Chapter Committee
Field Safety Committee	Student Expo Committee
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## ROOM ASSIGNMENTS

### BMO Centre at Stampede Park

AAPG Center .....	Hall E, Booth 2105
ACE Information/Volunteer Check-In .....	Quarter Horse Room
ACE Sales Office .....	Hall E, Booth 2339
ACE Services Centre (ACE Staff and Speakers and Judges Services) .....	Quarter Horse Room
All-Convention Luncheon .....	Hall A
Business Center .....	Palomino Foyer
Career Center .....	Arabian B
Career Services and DPA Forum .....	Mustang Room
Career Services Forum: How to Be an Independent or Consultant .....	Mustang Room
End-of-Day Receptions .....	Halls D/E
Exhibition .....	Halls D/E
Exhibition Food Court .....	Hall C
Icebreaker Reception .....	Halls D/E
Imperial Barrel Award (IBA) Ceremony .....	Palomino Room
International Pavilion .....	Hall E
Media Sponsor Lounge .....	Hall E, Booth 2245
Medical Services / First Aid .....	Across from Hall B
Opening Session and Awards Ceremony .....	Palomino Room
Poster Sessions .....	Hall C
Press Room .....	Room 110
Refreshment Breaks .....	Halls D/E
Registration .....	Front of Hall D
Student and Faculty Lounge .....	Hall E, Booth 2239
Technical, Forums and Special Sessions .....	Palomino Rooms: Hall B, Room 1, 2, 3, 4
Young Professionals Meet & Greet .....	Mustang Room
Young Professionals Forum: How to Build Your Own Business Opportunities .....	Mustang Room

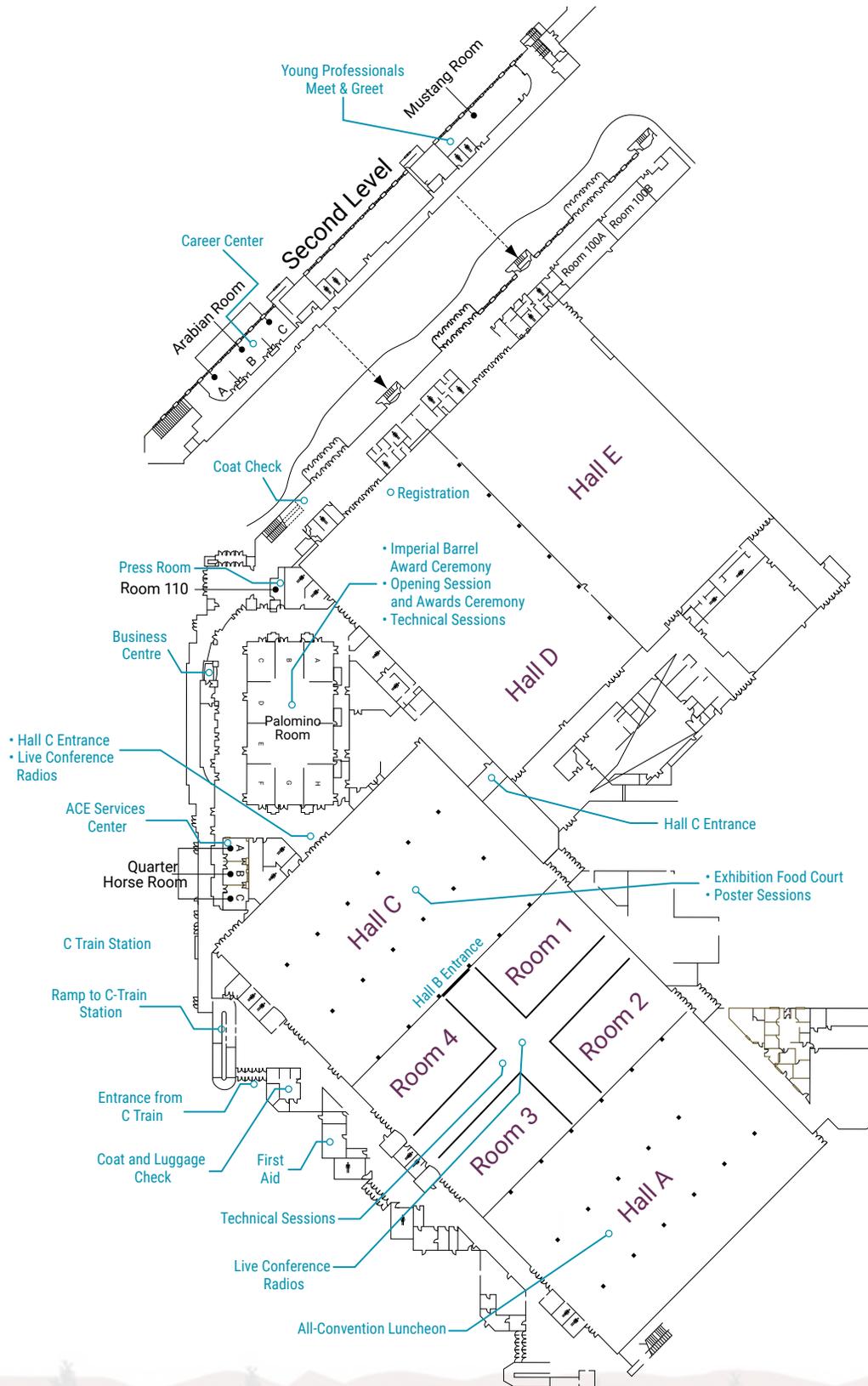
### Hyatt Regency

AAPG Prowess-AWG-SEG Networking Reception .....	Imperial Ballroom 5/7
AAPG/SEPM Student Reception .....	Imperial Ballroom 4/6/8
All-Alumni Reception .....	Imperial Ballroom 1/2/3
DPA Luncheon .....	Imperial Ballroom 1/2/3
EMD Luncheon .....	Imperial Ballroom 4/6
Guest Activities – Hospitality Suite .....	Imperial Ballroom 5/7
SEPM Business Meeting/Luncheon .....	Imperial Ballroom 4/6
Student Career Seminar .....	Herald/Doll

### Other

Imperial Barrel Award (IBA) Competition .....	Delta Calgary Downtown Hotel, Garden Patio
SEPM President's Reception and Awards Ceremony .....	Marriott, Acadia A/B
SEPM Research Groups .....	TELUS Convention Centre

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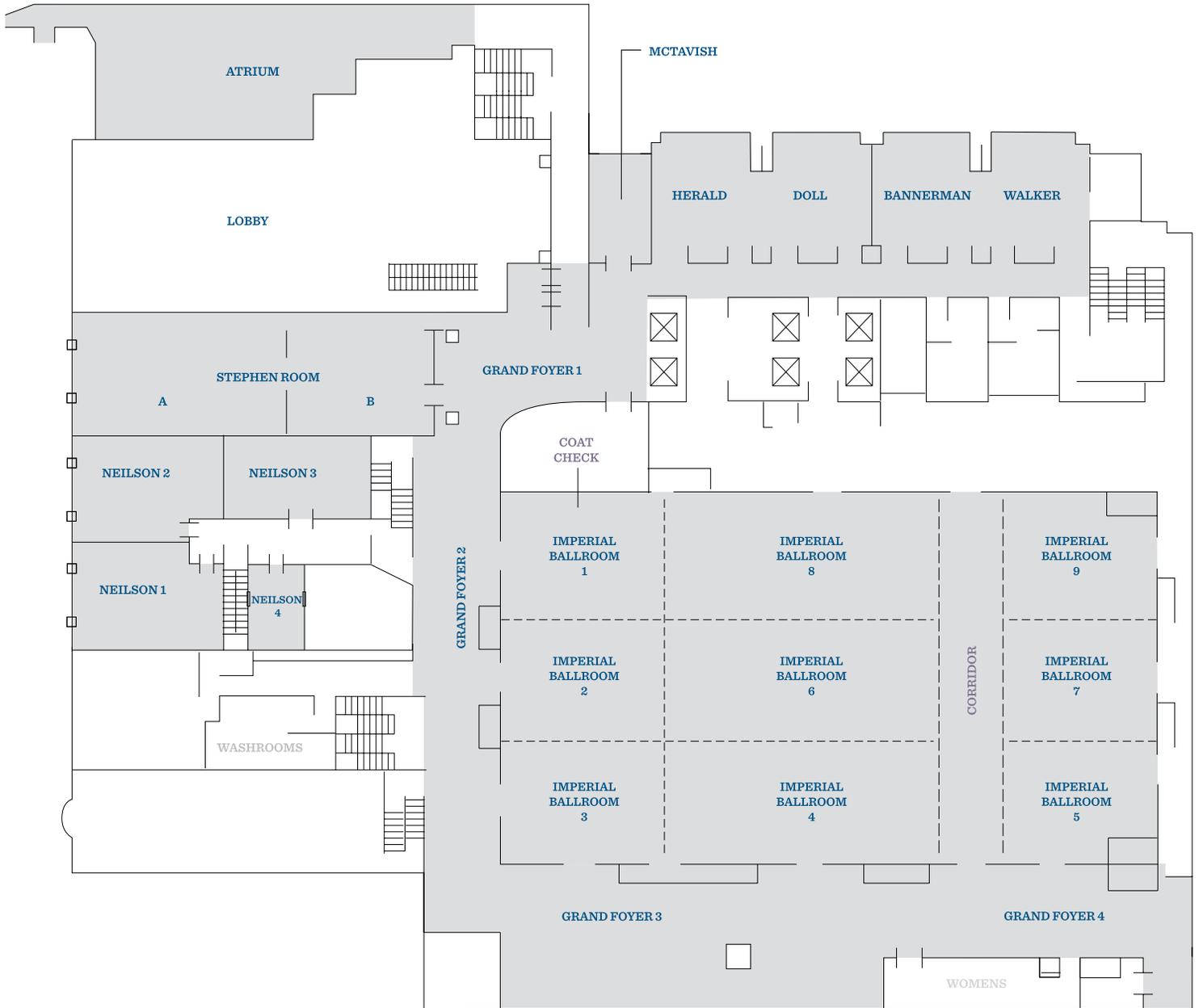
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# TECHNICAL PROGRAM AT A GLANCE

AAPG Student Research Poster Session .....	Poster .....	Monday .....	All Day
Additional AAPG Student Research Poster Session I .....	Poster .....	Tuesday .....	All Day
Additional AAPG Student Research Poster Session II .....	Poster .....	Tuesday .....	All Day
Additional AAPG Student Research Poster Session III .....	Poster .....	Wednesday .....	All Day
Discovery Thinking (AAPG/DPA) .....	Technical .....	Monday .....	p. m.
History of Petroleum Geology (AAPG) .....	Technical .....	Sunday .....	p. m.
Michel T. Halbouty Lecture (AAPG) .....	Technical .....	Monday .....	p. m.
SEPM Research Symposium: Foreland Basin Drainages and Deposition I .....	Poster .....	Monday .....	All Day
SEPM Research Symposium: Foreland Basin Drainages and Deposition I .....	Technical .....	Tuesday .....	a. m.
SEPM Research Symposium: Foreland Basin Drainages and Deposition II .....	Technical .....	Tuesday .....	p. m.
SEPM Research Symposium: Foreland Basin Drainages and Deposition II .....	Poster .....	Wednesday .....	All Day
SEPM Student Research Poster Session .....	Poster .....	Monday .....	All Day
Theme 1: Controls on Deepwater Sedimentation .....	Technical .....	Monday .....	a. m.
Theme 1: Regional and Basin Scale Stratigraphy .....	Technical .....	Monday .....	p. m.
Theme 1: Turbidite Facies: Channels, Fans and Event Beds .....	Technical .....	Monday .....	p. m.
Theme 1: Advances in Geochemical Techniques .....	Poster .....	Monday .....	All Day
Theme 1: Insights Into Mudrock Stratigraphy .....	Poster .....	Monday .....	All Day
Theme 1: Paralic Systems in Time and Space .....	Poster .....	Monday .....	All Day
Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks .....	Poster .....	Monday .....	All Day
Theme 1: Marine and Fluvial Reservoirs: Western Canadian Examples .....	Poster .....	Monday .....	All Day
Theme 1: Physical Processes and Patterns of Mud Dispersal and Their Expressions .....	Technical .....	Tuesday .....	a. m.
Theme 1: Applied Micropaleontology and Ichology .....	Technical .....	Tuesday .....	p. m.
Theme 1: Diagenesis and Fluid Flux in Siliciclastic Sediments .....	Technical .....	Tuesday .....	p. m.
Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems .....	Poster .....	Tuesday .....	All Day
Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems .....	Poster .....	Tuesday .....	All Day
Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems .....	Poster .....	Tuesday .....	All Day
Theme 1: Controls on Source-to-Sink Systems .....	Technical .....	Wednesday .....	a. m.
Theme 1: Paralic and Shallow Marine Systems I .....	Technical .....	Wednesday .....	a. m.
Theme 1: Mudstone Diagenesis and the Role of Anoxia .....	Technical .....	Wednesday .....	a. m.
Theme 1: Paralic and Shallow Marine Systems II .....	Technical .....	Wednesday .....	a. m.
Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems .....	Technical .....	Wednesday .....	a. m.
Theme 1: Regional and Basin Scale Stratigraphy .....	Poster .....	Wednesday .....	All Day
Theme 2: Modeling of Cenozoic Carbonate and Evaporite Systems .....	Technical .....	Monday .....	a. m.
Theme 2: Modeling of Ancient Carbonate and Evaporite Systems .....	Technical .....	Monday .....	p. m.
Theme 2: Modeling of Carbonate and Evaporite Systems .....	Poster .....	Monday .....	a. m.
Theme 2: Unconventional Carbonate Reservoirs I .....	Technical .....	Tuesday .....	a. m.
Theme 2: Double and Triple Porosity in Carbonates .....	Technical .....	Tuesday .....	p. m.
Theme 2: Advances in Carbonate Diagenesis .....	Poster .....	Tuesday .....	All Day
Theme 2: Advances in Carbonate Diagenesis .....	Technical .....	Wednesday .....	a. m.
Theme 2: Unconventional Carbonate Reservoirs II .....	Technical .....	Wednesday .....	a. m.
Theme 2: Geobiology of Carbonate Systems .....	Technical .....	Wednesday .....	p. m.
Theme 2: Carbonate Reservoir Characterization .....	Poster .....	Wednesday .....	All Day
Theme 3: Water Management: Established and Future Practice .....	Technical .....	Monday .....	a. m.
Theme 3: Injection and Sequestration .....	Technical .....	Monday .....	p. m.
Theme 3: Environmental Practices and Sequestration .....	Poster .....	Tuesday .....	All Day
Theme 4: Novel Calibration Tools for Petroleum System Models .....	Technical .....	Monday .....	a. m.
Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) .....	Poster .....	Monday .....	All Day
Theme 4: Petroleum System Modeling and Calibration of Conventional Resources .....	Technical .....	Tuesday .....	a. m.
Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) .....	Technical .....	Wednesday .....	a. m.
Theme 4: Geochemistry and Geomechanics in Petroleum System Models of Unconventional Resources .....	Technical .....	Wednesday .....	p. m.
Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources I .....	Poster .....	Wednesday .....	All Day
Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources II .....	Poster .....	Wednesday .....	All Day
Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III .....	Poster .....	Wednesday .....	All Day
Theme 5: Multi-Phase Deformation Systems and the Role of Structural Inheritance .....	Technical .....	Monday .....	a. m.
Theme 5: Extensional Structural Systems and Basins .....	Technical .....	Monday .....	p. m.
Theme 5: Structural Interpretation Quality and Methods .....	Technical .....	Tuesday .....	a. m.
Theme 5: Compressional Structural Systems and Basins .....	Technical .....	Tuesday .....	p. m.
Theme 5: Geomechanics .....	Technical .....	Tuesday .....	p. m.
Theme 5: Measuring and Representing Natural Fractures in the Subsurface .....	Poster .....	Tuesday .....	All Day
Theme 5: Measuring and Representing Natural Fractures in the Subsurface .....	Technical .....	Wednesday .....	a. m.
Theme 5: Role of Structural Analysis in Unconventional Resource Development .....	Technical .....	Wednesday .....	p. m.
Theme 5: Geomechanics Case Studies and Applications .....	Poster .....	Wednesday .....	All Day
Theme 5: Interpretation of Structures and Systems .....	Poster .....	Wednesday .....	All Day
Theme 5: Structural Interpretation of Basin Development .....	Poster .....	Wednesday .....	All Day

# TECHNICAL PROGRAM AT A GLANCE

Theme 6: New Frontiers in Space and Alternative Energy.....	Technical .....	Monday.....	p. m.
Theme 6: Other Energy Minerals: Coal, CBM and Oil Shale .....	Technical .....	Wednesday.....	p. m.
Theme 6: Pore Scale Techniques for Unconventional Plays .....	Technical .....	Monday.....	p. m.
Theme 6: Advancement in Technology in Unconventional Plays.....	Technical .....	Wednesday.....	p. m.
Theme 6: Source Potential and Maturity .....	Technical .....	Monday.....	a. m.
Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays I: Case Studies .....	Technical .....	Monday.....	a. m.
Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays II: Optimization and Performance.....	Technical .....	Tuesday.....	a. m.
Theme 6: WCSB Unconventional Plays.....	Technical .....	Wednesday.....	a. m.
Theme 6: International Unconventional Plays.....	Technical .....	Wednesday.....	p. m.
Theme 6: Microscale Imaging for Unconventional Plays.....	Technical .....	Tuesday.....	p. m.
Theme 6: Advancements in Technology and Reservoir Characterization .....	Poster .....	Tuesday.....	All Day
Theme 6: Geostatistics of Unconventional Plays.....	Poster .....	Tuesday.....	All Day
Theme 6: Reservoir and Fluid Analysis—Question of Scale .....	Poster .....	Tuesday.....	All Day
Theme 6: Unconventional Plays: International and Other Energy Minerals .....	Poster .....	Wednesday.....	All Day
Theme 6: Unconventional Plays: North American Case Studies.....	Poster .....	Monday.....	All Day
Theme 7: Oil Sands I: Facies .....	Technical .....	Monday.....	a. m.
Theme 7: Oil Sands II: Stratigraphy .....	Technical .....	Monday.....	p. m.
Theme 7: Oil Sands .....	Poster .....	Tuesday.....	All Day
Theme 7: Oil Sands III: Reserves, Caprocks and the Environment .....	Technical .....	Wednesday.....	p. m.
Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency .....	Poster .....	Monday.....	All Day
Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency.....	Technical .....	Tuesday.....	a. m.
Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques .....	Poster .....	Monday.....	All Day
Theme 9: Reservoir Characterization in Unconventional Plays.....	Technical .....	Tuesday.....	a. m.
Theme 9: Seismic Attribute Applications and Case Studies .....	Technical .....	Tuesday.....	p. m.
Theme 9: Practical Microseismic and 4-D Seismic .....	Technical .....	Wednesday.....	a. m.
Theme 9: Integration and Interpretation of Geophysical Techniques and Rock Physics.....	Poster .....	Wednesday.....	All Day

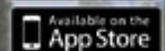
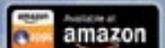
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# TECHNICAL PROGRAM SUNDAY & MONDAY

\*Denotes presenter is other than first author

## Sunday Afternoon Technical Session

### History of Petroleum Geology (AAPG)

Hall B, Room 3

Co-Chairs: G. Pemberton and C. Tippett

#### 12:30 Introductory Remarks

12:35 **A Perfect Play of Salt, Bamboo and Gas: The First Petroleum Well (Breakthrough) in the World:** S. Song, J. Hou, Y. Liu, C. Cao

12:55 **Petro-Tourism: Canada's First Commercial Use of Natural Gas:** A. Fox

1:15 **John Joyce Carter (1842-1917): Civil War Hero and Petroleum Entrepreneur:** G. Pemberton

1:35 **The History of the Petroleum Industry in Eastern Canada:** G. Wach

1:55 **The Application of Geology in the Founding of Alberta's Petroleum Industry:** W. Langenberg

2:15 **The Canol Project: Antecedent for Leduc?:** G. Pemberton, C. Stelck

2:35 **Oil Sands Pioneers: How Scientists and Entrepreneurs Made the Unconventional More "Conventional":** F. J. Hein

## Monday Morning Technical Sessions

### Theme 2: Modeling of Cenozoic Carbonate and Evaporite Systems (SEPM)

Hall B, Room 1

Co-Chairs: A. MacNeil and E. Rankey

#### 8:00 Introductory Remarks

8:05 **The Role of Islands in Influencing Carbonate Platform-Top Deposition:** P. Harris, S. Purkis

8:25 **Carbonate Drifts and Contourites and the Underestimated Role of Current Erosion and Winnowing:** G. P. Eberli, C. Betzler, T. Lüdman, T. Correa, A. H. Ling, D. Hebbeln

8:45 **Channel-Levee Systems in a Tropical Carbonate Slope Environment and the Influence of Syn-Sedimentary Fracturing, Browse Basin, Australian Northwest Shelf:** L. Rinke-Hardekopf, S. Back, L. Reuning, J. Bourget

9:05 **Hydrodynamic Controls on Sedimentology and Geomorphology: A Field and Modeling Analysis of Modern Marine Carbonate Ramp, Northern Yucatan Shelf, Mexico:** T. C. Neal, E. C. Rankey, C. M. Appendini

#### 9:25 Refreshment Break

10:10 **Redefining the Stable Oxygen and Carbon Isotopic Composition of the Mixing Zone:** P. Swart

10:30 **Spatial and Temporal Characterization of Mechanical Rock Properties From West Caicos, BWI:** A. Nolting, C. Zahm, C. Kerans

10:50 **Evaporite Deposition in a Dynamic Lacustrine Setting, Green River Formation (Eocene), Piceance Basin, Colorado, USA—Implications for Climate Control:** R. Sarg, K. Tanavsuu-Milkeviciene

11:10 **Allochthonous Paleogene Carbonates of Paxos Island (Ionian Islands, Greece) Reflect a Complex History of Nearby Platform Evolution and Destruction:** M. Kati, M. BouDagher-Fadel, P. Scholle\*, D. S. Ulmer-Scholle

11:30 **Quantification and 3-D Modeling of Architectural Variability and Controls in an Eocene – Mid Miocene Carbonate Ramp, Browse Basin, Australia:** P. Tesch, M. C. Pope, B. Reece

### Theme 1: Controls on Deepwater Sedimentation (SEPM/AAPG)

Hall B, Room 2

Co-Chairs: Z. Sylvester and M. Sweet

#### 8:00 Introductory Remarks

8:05 **Deepwater Lobe Complex Characterization and Evolution Within a Salt-Controlled Mini-Basin:** G. L. Doughty-Jones, M. Mayall, L. Lonergan

8:25 **Eustatic Control on Deepwater Deposition Revealed by Carbon Isotope Stratigraphy: Example of the Ainsa Basin, Lower-Middle Eocene Pyrenean Foreland Basin, Spain:** S. Castellort, L. Honegger, T. Adatte, C. Puigdefabregas, J. Spangenberg, J. Clark, A. Fildani, M. Dykstra

8:45 **Sea Level Controls on Deepwater Sedimentation: Lessons From the Quaternary of the Indus Canyon:** P. Clift, Y. Li, J. Blusztajn, P. Böning

9:05 **Deepwater Syn-Rift Sedimentation: Tectonic Geomorphology and Sedimentology From the Modern and Plio-Pleistocene of the Corinth Rift, Greece:** R. Gawthorpe, M. Leeder, M. Muravchik, H. Kranis, E. Skourtsos, J. Andrews

#### 9:25 Refreshment Break

10:10 **Structural Growth Rate and Impact on Deepwater Depositional Systems in Deepwater Fold Belts: Gulf of Mexico, West Africa and Niger Delta:** L. Lonergan, B. Jolly, G. L. Doughty-Jones, M. Mayall, A. Whittaker

10:30 **Unreciprocated Sedimentation: How Differential Accumulation Decoupled the Shelf and Slope of Offshore Louisiana, Gulf of Mexico, USA:** A. Madof, N. Christie-Blick, M. Anders, L. Febo

10:50 **New Model of Turbidity Current Suggested After Direct Observation of Turbidity Currents in the Congo Canyon:** M. Azpiroz, M. Cartigny\*, P. J. Talling, M. A. Clare, C. Cooper, D. R. Parsons, E. J. Sumner, S. Simmons, E. Pope

11:10 **Temporal Evolution of Submarine Channel Trajectory and Mobility: Quantitative Analysis and Comparison to Rivers:** Z. R. Jobe, N. C. Auchter, N. Howes

11:30 **Geomorphic Characteristics of Lofted Turbidity Current Deposits:** E. Steel, J. Buttles, A. Simms, D. Mohrig

### Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays I: Case Studies (AAPG/SEPM)

Hall B, Room 3

Chair: K. Mageau

#### 8:00 Introductory Remarks

8:05 **Integrated Reservoir Characterization of the Duvernay Play (Alberta, Canada): From Nanometer Scale to Regional Basin Scale:** A. Pierre, T. Branter, A. Cox, K. R. Mageau, K. Robertson

8:25 **Depositional Controls on the Distribution and Character of Organic-Rich Mudstones: A Sequence Stratigraphic Analysis of the Duvernay Formation of the Western Canadian Sedimentary Basin:** L. J. Knapp, J. M. McMillan, N. B. Harris

8:45 **Bioclastic Reservoirs of the Distal Montney "Shale" Play:** T. Moslow, M. Adams, A. Terzuoli

9:05 **Regional Variations in Woodford Fm Facies and Depositional Environments in the Permian Basin: New Insights From Chemostratigraphic Data:** S. C. Ruppel, H. Rowe, R. G. Loucks

#### 9:25 Refreshment Break

10:10 **Origin, Description and Characterization of Upper Cretaceous Eagle Ford Pore Networks, Karnes County, Texas:** L. Ko, R. G. Loucks, S. C. Ruppel

10:30 **Quantitative Facies Analysis: A Tool Kit in the Characterization of Eagle Ford Sequence Stratigraphy and Facies Heterogeneity:** A. E. Malicse, E. Van Dusen\*, B. Neff, D. Hurst, H. McGarity

10:50 **Resource Play Potential of the Phosphoria Formation in Western Wyoming:** R. Fritz

11:10 **A Diagenetic Study of the Wolfcamp Shale, Permian Basin, West Texas:** A. K. Wickard, R. D. Elmore, G. Heij

11:30 **Unconventional Gas Potential in the Northern Territory, Australia: Exploring the Beetaloo Sub-Basin:** D. Close

### Theme 7: Oil Sands I: Facies (EMD/SEPM)

Hall B, Room 4

Co-Chairs: J. Holbrook, A. Martinus and R. Strobl

#### 8:00 Introductory Remarks

8:05 **Bioturbated Inclined Heterolithic Stratification in the McMurray Formation: Origins and Distributions:** M. Gingras, M. Ranger

# TECHNICAL PROGRAM MONDAY

\*Denotes presenter is other than first author

- 8:25 Integrated Stratigraphic Interpretation of the McMurray Formation SAGD Reservoir in Jackfish Area (Jackfish Phases 2 and 3), Alberta:** B. L. Varban, J. Guilmette, G. Larson, G. Peters
- 8:45 The Heterolithic Point-Bar of the l'Eyre Estuary (Arcachon Bay, France) – A Partial Analog for McMurray Formation Estuarine Reservoirs, Alberta, Canada:** C. C. Chateau, H. Fenies, H. Gillet, D. Leckie
- 9:05 Determining the Time-Averaged Position of the Turbidity Maximum Zone in Major Paleo-Valleys of the McMurray Formation, NE Alberta:** A. D. La Croix, S. E. Dashtgard, J. MacEachern
- 9:25 Refreshment Break**
- 10:10 Reservoir Heterogeneity in Marginal Marine Settings of the Athabasca Oil Sands: Apparent Continuity of Mud Laminae Between Closely Spaced Cores:** M. Ranger, T. Dufresne, M. Klucker
- 10:30 Characterization, Geo-Modeling, and Reservoir Simulation of the Wabiskaw Member, Athabasca Oil Sands Deposit, Alberta, Canada:** E. A. Dembicki
- 10:50 Reservoir Geometry of a Confined Fluvial Meander Belt Deposit, Early Cretaceous Grand Rapids Formation, Alberta:** A. B. Coderre, P. K. Pedersen, S. M. Hubbard
- 11:10 Geology of a Carbonate Breccia Reservoir Rock: Grosmont Formation, NE Alberta, Canada:** K. R. Barrett
- 11:30 Critical Factors for Optimum SAGD Well Placement and Liner Design in Lithic Sandstones:** K. Fraser, D. Nugent, J. C. Russel-Houston, S. Christensen, K. Gray

## Theme 6: Source Potential and Maturity (AAPG)

Palomino A/B/C

Co-Chairs: H. Cander and S. Egenhoff

- 8:00 Introductory Remarks**
- 8:05 Sedimentologic and Paleoceanographic Controls of Anoxia in the Holocene Cariaco Basin (Venezuela): Implications for Control of Deposition of Cretaceous (Eagle Ford) and Jurassic (Haynesville) Source Rocks in Texas:** U. Hammes, K. Gibson, L. Peterson
- 8:25 Depositional Model for Shale Gas Deposits of the Besa River Formation in Liard Basin, British Columbia:** F. Ferri, M. McMechan, R. Creaser, R. Friedman
- 8:45 Basin-Scale Distribution of Organic Matter in Unconventional Plays: Results From 3-D Stratigraphic Modeling of the Montney and Doig Formations (Triassic, Alberta-British Columbia, Canada):** V. Crombez, S. Rohais, F. Baudin, T. Euzen, B. Chauveau, L. Riquier, D. Granjeon, M. Power, N. Vaisblat, N. B. Harris, E. Bemer
- 9:05 Organic Rich Facies in the Lewis Shale as an Oil and Gas Source Rock, Greater Green River Basin, Wyoming, United States:** L. C. Mayorga-Gonzalez, R. Slatt, D. Pyles
- 9:25 Refreshment Break**
- 10:10 Stratigraphic Distribution of Source Rock Intervals in the Vaca Muerta Formation:** M. Tenaglia, L. Rodriguez Blanco, L. E. Rueda Sánchez, G. Eberli, R. J. Weger, P. Swart
- 10:30 Seismic Analysis of Total Organic Carbon (TOC) Distribution in the Woodford Shale, Oklahoma, USA:** L. Infante, F. Cardona, R. Slatt\*, B. McCullough
- 10:50 U.S. Geological Survey Assessment of Paleozoic Shale Gas Resources in the Sichuan Basin, China:** C. J. Potter, R. R. Charpentier, C. J. Schenk
- 11:10 Vitrinite Reflectance Suppression: Fact or Fiction in Low Maturity Paleozoic Shales:** P. Hackley, G. Baugher
- 11:30 The Application of  $\delta^{13}\text{C}_{\text{org}}$  Stable Isotope Chronostratigraphy to Correlate Upper Palaeozoic Black Shales of the Northwestern Frontier, Yukon Territory, Canada:** M. Hutchison, N. Sullivan, T. Fraser, G. V. Hildred\*

## Theme 5: Multi-Phase Deformation Systems and the Role of Structural Inheritance (AAPG/PSGD)

Palomino D

Chair: C. Zahm

- 8:00 Introductory Remarks**
- 8:05 Genesis and Evolution of the Punta del Este Basin, Offshore Uruguay: Complex Interplay Between Structural Inheritance and Multi-Phase South Atlantic Rifting:** P. Thompson, N. Hurst, J. Turner, M. Soto, J. Argent, R. Walker, G. Badalini, S. Wrigley
- 8:25 Temporal and Spatial Evolution of Rifting in the Brazilian Southeastern Passive Margin:** P. V. Zalán
- 8:45 TBD**
- 9:05 TBD**
- 9:25 Refreshment Break**
- 10:10 4-D Evolution of the Hat Creek Fault, Northern California: An Outcrop Analog for Seismic-Scale, Polyphase, Segmented Normal Faults:** S. A. Kattenhorn, E. L. Walker, B. Krantz\*, M. W. Blakeslee
- 10:30 Experimental Modeling of Orthogonal and Oblique Basin Inversion: Identifying Structures That Reflect the Paleostrain State:** M. S. Baum, R. W. Schlische\*, M. O. Withjack
- 10:50 Diagenetic Controls on Normal Fault-Zone Architecture Determine the Episodicity of Fault-Zone Fluid Migration:** R. T. Williams, L. B. Goodwin, P. Mozley, W. Sharp
- 11:10 Inherited Structural Fabrics and the Impact on Oblique Slip Faults in the South Texas Laramide Foreland:** C. Zahm, G. A. Smith, A. Nolting
- 11:30 The Missing Link: The Role of Basement Anisotropies in the Laramide Structural and Tectonic Evolution of the Wyoming Craton:** J. W. Bader

## Theme 4: Novel Calibration Tools for Petroleum System Models (AAPG)

Palomino E

Co-Chairs: V. Dieckmann, F. Mosca and C. Robinson

- 8:00 Introductory Remarks**
- 8:05 Sources and Reservoir History of Mixed Oil and Heavy Oil Determined by Advanced Geochemical Technologies:** J. M. Moldowan
- 8:25 Evidence Some Oil Accumulations in the Woodford Formation and the Meramec Formation Received an Additional Charge of Dry Thermal Gas:** A. S. Kornacki, J. E. Dahl
- 8:45 Mass Fraction Maturity – Next Generation Geochemical Constraint of Basin Models:** H. Huang, J. Ma, R. Algeer, S. Larter
- 9:05 Thermochemical Sulfate Reduction in Upper Devonian Nisku Formation Reservoirs, Alberta: Insights From Molecular Characterization With FTICR-MS and GC $\times$ GC Approaches:** R. Silva, J. Radovic, C. Jiang, A. Mort, L. Snowdon, T. Oldenburg, S. Larter
- 9:25 Refreshment Break**
- 10:10 Re-Evaluation of Thermal Maturity and Stages of Petroleum Formation of the Barnett Shale, Fort Worth Basin, Texas:** M. Lewan, M. Pawlewicz
- 10:30 Offshore Morocco Petroleum Systems: Major Revisions to the Prevailing Paradigm:** D. A. Wavrek, M. Slack, J. Williams, A. Hansen, C. Barkley
- 10:50 Conodont Thermochronology: Expanding the Utility of the (U-Th)/He Method to Marine Carbonates and Shales:** T. S. Bidgoli, J. P. Tyrrell, A. Moeller, B. D. Cramer, J. D. Walker, D. F. Stockli
- 11:10 Re-Os Systematics in Petroleum Systems: What Are We Measuring:** J. Hannah, H. Stein
- 11:30 A Novel Model of Brittleness Index for Unconventional Reservoirs: Confining Pressure and Pore Pressure Effect:** Y. Hu, Z. Chen

# TECHNICAL PROGRAM MONDAY

\*Denotes presenter is other than first author

## Theme 3: Water Management: Established and Future Practice (DEG)

Palomino F/G/H

Co-Chairs: F. Feijo and B. Haskett

- 8:00 **Introductory Remarks**
- 8:05 **Environmental, Health and Social Issues Raised by Those Opposing the Hydraulic Fracturing Process of Oil and Gas Production:** R. Bost
- 8:25 **Evaluating Sources of Groundwater Quality Variability in Residential Water Wells for Pre-Drill Sampling:** S. D. Richardson, L. J. Molofsky\*, J. A. Connor, A. W. Gorody, F. Baldassare
- 8:45 **Effect of Ionic Strength (Salinity) and pH (Acidity) on Geochemical Water-Rock Interactions During Hydraulic Fracturing in the Frontier Formation of the Powder River Basin, Wyoming:** J. C. Bratcher, R. Herz-Thyhsen, J. Kaszuba
- 9:05 **Spatial and Temporal Variability of Methane Emissions Near Coal Seam Gas Fields Associated With Base Level and Anthropogenic Sources:** M. J. Kennedy, M. Hamilton, M. Hatch, V. Robert
- 9:25 **Refreshment Break**
- 10:10 **Methane Variations in Groundwater:** C. Rivard, G. Bordeleau, D. Lavoie, R. Lefebvre, X. Malet, J. Ahad
- 10:30 **Identifying the Sources of Methane in Shallow Groundwaters in South-Central Texas Through Noble Gas Signatures:** T. Wen, M. Castro, J. Nicot, C. M. Hall, P. Mickler, R. Darvari
- 10:50 **The Importance of Ground Water Aquifer Identification on Well Planning – An Example From the São Sebastião Aquifer, Northeast Brazil:** F. S. Moreira, E. Garcias, G. S. Soule
- 11:10 **Hydrogeology of the Bakken Formation Across the Williston Basin:** D. Skoreyko, B. Rostron
- 11:30 **Imaging CO<sub>2</sub> Sequestration at an Enhanced Oil Recovery Site Using the Depth-to-Surface Resistivity Method:** K. MacLennan, G. Nieuwenhuis\*, V. Ramadoss, M. Wilt, M. Wilkinson

## Monday Afternoon Technical Sessions

### Theme 2: Modeling of Ancient Carbonate and Evaporite Systems (SEPM)

Hall B, Room 1

Co-Chairs: S. Bachtel and G. Jones

- 1:45 **Introductory Remarks**
- 1:50 **Does Aragonite-Dolomite Sea Exist? Widespread Marine Dolomite Precipitation in Ediacaran Period in China:** J. Zhang, B. Jones
- 2:10 **Causes of the Worldwide Association Between Salt, Oil and Gas:** J. K. Warren
- 2:30 **A New Sequence Stratigraphic Model for the Niagara-Lower Salina Reef Complex of the Guelph Formation, Michigan Basin, USA:** M. Rine, S. E. Kaczmarek, W. Harrison, D. Barnes
- 2:50 **Integrated Structural and Stratigraphic Analysis of the Guadalupian Seven Rivers Formation, McKittrick Canyon, New Mexico:** B. P. Smith, C. Kerans
- 3:10 **Refreshment Break**
- 3:55 **A Geochemical Model for the Formation of the Pre-Salt Reservoirs, Santos Basin, Brazil: Implications for Understanding Reservoir Distribution:** P. Wright, N. Tosca
- 4:15 **Fracture Development Related to Differential Compaction and Mechanical Stratigraphy, Sacramento Mountains, NM:** Y. A. Alzayer, C. Zahm, X. Janson
- 4:35 **Controls on and Consequences of Upper Permian Carbonate Platform Margin Palaeomorphology in the Southern North Sea:** R. J. Grant, J. R. Underhill, R. Jamieson, S. M. Barker
- 4:55 **Stratigraphic Modeling of a Mix Siliciclastic-Carbonate System in A Passive Margin Setting: The Hettangian-Cenomanian Interval of the Shelburne Subbasin Area – SW Nova Scotia 2011 PFA Expansion:** E. Marfisi, F. Saint-Ange, A. MacDonald, M. Luheshi, L. Cuilhe

- 5:15 **Carbonate Buildups in the Post-Rift Sequence of the Pernambuco Basin, NE Brazil: Oil Play Implications:** B. V. Buarque, J. Barbosa, J. Oliveira, O. J. Correia, J. R. Magalhães

### Discovery Thinking (AAPG/DPA)

Hall B, Room 2

Co-Chairs: J. Hogg, C. Sternbach and P. Weimer

- 1:45 **Introductory Remarks**
- 1:50 **Discovery to Recovery: Alberta's Liquids Rich Montney Play – Continued Innovation and Optimization:** G. Nevekshonoff
- 2:30 **De-Risking the Duvernay:** R. E. Stadlwieser, S. Labonte, M. Hrudny, C. T. Wilhelm
- 3:10 **Refreshment Break**
- 3:55 **Shale Exploration at the Arctic Circle, the Devonian Canol Formation Canada: Exploration Concept to a Drilled Reality:** J. Hogg
- 4:35 **Planning for Success in Colombia:** B. R. Frost

### Michel T. Halbouty Lecture (AAPG)

Hall B, Room 2

- 5:40 **Bay du Nord: A Bold Chase for Oil in a Harsh Frontier Basin:** T. Dodson

### Theme 5: Extensional Structural Systems and Basins (AAPG/PSGD)

Hall B, Room 3

Chair: L. Lonergan

- 1:45 **Introductory Remarks**
- 1:50 **Dinkum Graben System Beneath the Alaska Beaufort Shelf – Evidence for Mississippian to Early Cretaceous Extension, and Petroleum Systems Implications:** D. W. Houseknecht, C. Connors
- 2:10 **Ellesmerian Orogenic Structures Beneath Syn-Rift and Post-Rift Strata, Beaufort Shelf and Barrow Arch of Alaska:** C. Connors, D. W. Houseknecht
- 2:30 **TBA**
- 2:50 **New Insights Into the Volcanic Margin Evolution of Northern Labrador and Hydrocarbon Prospectivity of Offshore Labrador:** G. Dinc, K. Reuber, B. W. Horn
- 3:10 **Refreshment Break**
- 3:55 **Structural Impact of the Yarmouth Arch in the Central Atlantic Opening and on the SW Nova Scotian Margin Architecture (SW Nova Scotia 2011 PFA Expansion):** D. Savva, T. Chrest, F. Saint-Ange, A. MacDonald, M. Luheshi, L. Cuilhe
- 4:15 **Reflection Seismic Mapping Efforts Along the Scotian Margin: New Results, Challenges, and Enduring Questions:** M. E. Deptuck, K. L. Kendall
- 4:35 **The Along-Atrike Pattern of Magmatism During Breakup in the Southern South Atlantic: Evidence From Numerical Modeling and Deep Seismic Reflection Data Sets:** J. Collier, J. Armitage, L. Lonergan\*, C. Taposeea, C. McDermott, P. Bellingham
- 4:55 **Onshore Structural and Stratigraphic Study of the Namibe Basin (Angola):** E. Casciello, J. Vergés, I. Cruz, V. Baqués, M. Moragas, I. Sharp, G. Messenger, D. Hunt, U. Freitag, H. Ferreira, V. Machado
- 5:15 **Magma-Poor and Volcanic Passive Margins – Characterization of the End-Members of Rifted Margins:** P. V. Zalán

### Theme 7: Oil Sands II: Stratigraphy (EMD/SEPM)

Hall B, Room 4

Co-Chairs: B. Jablonski and J. Suter

- 1:45 **Introductory Remarks**
- 1:50 **Structural Evolution of the Firebag Basin and Stratigraphic Architecture of its Cretaceous Fill, Athabasca Oil Sands Region, Alberta, Canada. The Firebag Composite Pull-Apart/Karst Basin:** A. Altosaar

# TECHNICAL PROGRAM MONDAY

\*Denotes presenter is other than first author

- 2:10 **Distribution of Bitumen Sand Complexes in the Northern Athabasca Deposit: Spatio-Temporal Impact of Hypogene Salt Karst Collapse on the Overlying Tectono-Stratigraphic Architecture:** P. L. Broughton
- 2:30 **In Search of a Cordilleran Point Source to the McMurray Sub-Basin:** M. A. Basiru, S. E. Dashtgard
- 2:50 **Characterising Heavy Oil Systems: Oil-Source and Oil-Oil Correlation in the McMurray Formation:** S. J. Porter, R. P. Stancliffe, G. V. Hildred\*
- 3:10 **Refreshment Break**
- 3:55 **Geophysics Meets Geology: Chrono-Stratigraphic Interpretation of the McMurray Formation:** D. Thenin, D. Gray
- 4:15 **Sunnyside Oil Sands at Bruin Point, Southwest Uinta Basin, Utah:** S. Schamel
- 4:35 **Optimizing Effort in the Oil Sands: An Experiment to Determine the Relative Benefit of Additional Wells in a Seismic Quantitative Interpretation Case Study:** L. Bellman, E. Duncan, K. Primrose
- 4:55 **Longwave Infrared (8-12  $\mu\text{m}$ ) Spectral Imaging for the Automated Mapping of Lithofacies in Athabasca Oil Sands Core:** M. Speta, B. Rivard, J. Feng
- 5:15 **Evaluating the Effects of Grain Statistics, Porosity and Saturation on Thermal Conductivity of Oil Sands:** J. K. Arthur, K. Apostolos

## Theme 6: New Frontiers in Space and Alternative Energy (EMD)

Palomino A/B/C

Co-Chairs: W. Ambrose and P. Morgan

- 1:45 **Introductory Remarks**
- 1:50 **A Bold Proposal for a Manned Deep Space Mission to Rendezvous With and Sample an Asteroid and a Comet:** D. J. Cook
- 2:10 **Resource-Development and Environmental Challenges for Life on the Space Frontier:** W. Ambrose, B. Cutright
- 2:30 **Methane Recycled as Hydrate in Deep-Water Settings:** A. Li, R. J. Davies, S. Mathias
- 2:50 **Producing Practical and Useful State Geothermal Maps:** P. Morgan

## Theme 6: Pore Scale Techniques for Unconventional Plays (AAPG)

Palomino A/B/C

Co-Chairs: J. Schieber and R. Wust

- 3:50 **Introductory Remarks**
- 3:55 **Novel Data From a Routine Analysis: Determining Pore Compressibility From Mercury Injection Capillary Pressure Analyses of Fine-Grained Reservoir Rocks:** E. Munson, R. Bustin
- 4:15 **Impact of Multiscale Characteristics of Heterogeneous Pore Structure and Mineralogy on Mechanical Properties of Shale:** H. Yoon, J. Grigg, T. Dewers, P. Mozley\*, A. Rinehart, J. Heath, M. Ingraham
- 4:35 **Some Thoughts on Existence and Importance of Natural Microfractures in Unconventional Shale-Oil and Gas Systems:** R. G. Loucks, R. M. Reed
- 4:55 **Not all Shales are Created Equal – Obscure Fine Grained Intraclasts and Lithics and Possible Consequences for Reservoir Quality in Dunvegan Mudstones:** J. Schieber, P. K. Pedersen
- 5:15 **Pore Throat Size of Canadian Tight Oil and Liquid-Rich Gas Reservoirs: Implications for Hydrocarbon Transport:** A. Ghanizadeh, C. R. Clarkson, S. Aquino, H. Deglnt, C. Debuhr, A. Vahedian, F. F. Krause

## Theme 1: Turbidite Facies: Channels, Fans and Event Beds (SEPM)

Palomino D

Co-Chairs: B. Arnott and S. Hubbard

- 1:45 **Introductory Remarks**
- 1:50 **Lobe Sub-Structure in Deep-Sea Fan Systems – The Distinction Between Accommodation-Limited and Compensational-Stacking Patterns:** P. Haughton, C. Pierce, P. Shannon, A. Pulham, S. Barker, O. J. Martinsen

- 2:10 **Down-Dip Termination of Sandy Fan Systems – New Insight From the Pennsylvanian Ross Sandstone Formation, Western Ireland:** A. Obradors Latre, C. Pierce, P. Haughton, P. Shannon, A. Pulham, A. Lacchia, S. Barker, O. J. Martinsen
- 2:30 **The Importance of Density Structure on Vertical Momentum Exchange and its Implication for Turbidity Current Run-out Distances and Depositional Geometry:** M. Tilston, B. Arnott, C. Rennie
- 2:50 **Bed Thickness Statistics in Hybrid Event Bed Prone Poned Minibasins, Castagnola System, Early Miocene, NW Italy:** M. Patacci, M. Marini, F. Felletti, W. D. McCaffrey
- 3:10 **Refreshment Break**
- 3:55 **Logical Rules for Sketch-Based Computer Modeling of Reservoir Stratigraphy: Application to Deepwater Siliciclastic Systems:** M. P. Rood, M. D. Jackson, G. J. Hampson, E. Vital Brazil, F. de Carvalho, C. Coda Marques, M. Costa Sousa, Z. Zhang, S. Geiger
- 4:15 **Improving Stratigraphic Models of Outcropping Slope Channel Fills Using Morphometrics From the Lucia Chica Channel System, Offshore Central California:** A. P. Reimchen, S. M. Hubbard, L. Stright, B. Romans
- 4:35 **Mixed Carbonate-Siliciclastic Systems: Implications for the Development of Deepwater Turbidites in the Nova Scotian Margin:** L. Moscardelli, J. Ochoa, L. Zahm, I. Lunt
- 4:55 **Enigmatic Beds of the Deep-Marine: A Depositional Continuum to Explain the Origin and Spatial Variability of Matrix-Rich Sandstones, Neoproterozoic Windermere Supergroup, Western Canada:** K. M. Angus, B. Arnott
- 5:15 **Giant Cretaceous Mixed Contouritic-Turbiditic Systems, Offshore Uruguay: The Interaction Between Rift-Related Basin Morphology, Contour Currents and Downslope Sedimentation:** G. Badalini, P. Thompson, S. Wrigley, R. Walker, J. Argent, J. Hernandez-Molina, M. Soto, H. de Santa Ana

## Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)

Palomino E

Co-Chairs: S. Connell and C. Johnson

- 1:45 **Introductory Remarks**
- 1:50 **Reservoir Modelling Insights From Experimental Stratigraphic Analogs:** S. Connell, V. Pusca, R. Sech, A. Madof
- 2:10 **Using Outcrop, Subsurface and Modern Day Analogues to Predict Basin-Scale Alluvial Architecture for a Range of Tectonic and Climatic Settings:** A. Hartley, A. Owen, G. Weissmann
- 2:30 **The Valuation of Unconformities:** A. Miall
- 2:50 **The North Falkland Basin: An Extension of the Petroliferous South Atlantic Lacustrine Rift Plays:** C. M. Fraticelli, T. Russell, J. Reece, D. Hawkins, J. A. Mercer, D. Curry, E. R. Hyde, Y. Yusri, K. Watter
- 3:10 **Refreshment Break**
- 3:55 **Depositional Environment Map of the Canadian Cordilleran Foreland Basin in the Middle Aptian:** B. C. Tufano, J. T. Pietras
- 4:15 **The Lithostratigraphic – Sequence Stratigraphic Framework of the Woodbine and Eagle Ford Groups in Southwestern East Texas Basin:** D. B. Spear
- 4:35 **Seismic Stratigraphy of the Nahr Menasha (Lago Mare) in the Levantine Basin: Implications for Fluvial Drainage Development During the Latest Miocene (Messinian), Eastern Mediterranean:** A. Madof, S. Connell, J. Pisel, M. Roberts
- 4:55 **A Basin-Scale Perspective on the Oxfordian Norphlet Sandstone, Eastern USA:** J. W. Snedden, I. O. Norton, R. Cunningham, J. Virdell, T. Whiteaker, P. Ganey-Curry
- 5:15 **Multiscale Geomodeling of Eolian Reservoir Analogues. A Virtual-Outcrop Study of the Jurassic Page Sandstone Formation:** C. Pierce, J. Howell, H. Reike, L. Fyfe, D. Healy

# TECHNICAL PROGRAM MONDAY

\*Denotes presenter is other than first author

## Theme 3: Injection and Sequestration (DEG)

Palomino F/G/H

Co-Chairs: P. Billman, C. Eckert and F. Marechal

- 1:45** **Introductory Remarks**
- 1:50** **Ethics for Professionals in the Energy Stream: How Objective Are Science and Engineering?:** G. Losonsky
- 2:10** **Geologic Risk Assessment of Sequestration Projects, the Illinois Example:** H. E. Leetaru, J. Freiburg, R. Will, J. McBride
- 2:30** **Regional Reservoir Characterization and CO<sub>2</sub> Storage Resource Assessment in a Geologically Complex, Deep Saline Reservoir, Middle Ordovician St. Peter Sandstone, Michigan Basin, USA:** D. A. Barnes, S. Zdan
- 2:50** **Data Mining Techniques Applied to Marcellus Shale Gas Development in Northeastern Pennsylvania:** A. Wendt, Z. Li, C. You, M. Gonzales, F. Wu, S. Brantley
- 3:10** **Refreshment Break**
- 3:55** **Southeast Offshore Storage Resource Assessment: Opportunities in the Eastern Gulf of Mexico for CO<sub>2</sub> Storage:** D. J. Hills, J. C. Pashin, M. R. McIntyre-Redden
- 4:15** **Carbon Capture and Storage: the QUEST Project:** L. Rock, S. O'Brien
- 4:35** **Recent Hydrocarbon Discoveries in the Eastern Mediterranean Sea: Can Industry Spur Innovation and Improvements in Civil Protection?:** T. M. Alves, E. Kokinou, G. Zodiatis, R. Lardner, C. Panagiotakis, H. Radhakrishnan

- 4:55** **Identifying and Evaluating Potential Well Integrity Risk Factors Based on Available Geological, Hydrogeological and Related Subsurface Data:** B. Miyazaki

## Monday Poster Sessions

Presenters in their booths 9:30 a.m. –11:00 a.m. and 3:00 p.m. –4:30 p.m.

### AAPG Student Research Poster Session

Hall C 9:00 a.m. –5:00 p.m.

Co-Chairs: A. Janevski and A. Sullivan

- P1** **Southern Gulf of Mexico Paleocene Through Miocene Paleogeography: Investigating Siliciclastic Sedimentation in Mexico Deepwater:** L. de la Rocha, J. Snedden, S. Tinker
- P2** **Seismic Characterization of Early Cretaceous Fluvial-Deltaic Sandstones, Middle to Late Cretaceous Turbidites and Late Cretaceous Channelized Features in the Foz do Amazonas Basin, Northern Brazil:** L. Torrado, P. Mann
- P3** **Gravity and Magnetic Investigation of the South-Central Atlantic Margin of the USA (Offshore Florida to South Carolina) and its West African Conjugate Margins (The Gambia to Mauritania):** N. Dowla, P. Mann, D. Bird
- P4** **The Influence of Intra- and Inter-Channel Architecture in Selecting Optimal Gridding for Field-Scale Reservoir Simulation:** C. D. Meirovitz, L. Stright, S. M. Hubbard, B. Romans
- P5** **3-D Quantification of Carbonate Ramp Architectural Variability and Controls, Last Chance Canyon, NM:** P. Tesch, M. C. Pope, B. Reece

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# TECHNICAL PROGRAM MONDAY

\*Denotes presenter is other than first author

- P6** Pore Pressure Diffusion Model to Simulate Triggering of Microearthquakes in the Cardium Formation, West-Central Alberta: N. Nazari, B. Cheadle, R. Shcherbakov
- P7** 3-D Seismic Attribute Expressions of Deep Offshore Niger Delta Basin, Nigeria: U. O. Anyiam, P. Jaiswal, J. C. Pashin, E. Uzuegbu, A. Opara
- P8** Integration of Seismic Inversion With Source Rock Evaluation Methods to the Study of the Middle to Late Jurassic Organic Rich Intervals in the Scotian Basin, Nova Scotia, Canada: N. Morrison, R. Silva, F. Richards, G. Wach
- P9** Subsurface Mapping of Thin-Sand Reservoirs Using Seismic Texture and Narrow-Band Spectral Analysis Attributes Over "X" Oil Field, Offshore Niger Delta: S. J. Olotu, A. A. Adepelumi, I. Olorunniwo, O. Alao, B. D. Ako, S. B. Ojo, M. A. Olorunniwo
- P10** Fault Parameters Controlling Hydrocarbon Accumulation in the Northern North Sea: Insights From 3-D Basin Modelling: S. Andriamihaja, J. Ben-Awuah\*, A. Ali
- P11** New Insights From Detrital Zircons Into the Northern Provenance of Triassic-Jurassic Strata, Sverdrup Basin, Canadian Arctic Islands: D. Midwinter, T. Hadlari, B. Davis, B. Arnott, K. Dewing
- P12** Integrated Basin and Play Assessment of Undiscovered Oil and Gas Resources in the Miskito Platform, Verolania Basin and Los Cayos Basin – Western Caribbean Sea: L. Carvajal Arenas, L. Torrado, P. Mann
- P13** Microstructural Analysis of Coupled Mechanical and Chemical Diagenetic Processes in Deformation Bands in Sandstone: C. M. O'Brien, P. Eichhubl
- P14** Application of Sonic Logs to Estimate the Magnitude of Exhumation in the Foredeep Section of the Western Canada Foreland Basin: M. A. Aviles, B. Cheadle
- P15** Deep Crustal Structure and Tectonostratigraphy at the Leading Edge of the Caribbean in Basins Offshore Barbados and Tobago: New Insights From 2-D Gravity Modeling and 2-D Seismic Data: S. Gomez, P. Mann, D. Bird

## SEPM Student Research Poster Session

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: H. Harper and R. Sarg

- P20** Development of a Static Reservoir Model for the Niagara-Lower Salina Reef Complex of the Guelph Formation, Michigan Basin: M. Rine, S. E. Kaczmarek, W. Harrison, D. Barnes
- P21** Estimation of Source-to-Sink Mass Balance and Depositional Systems Dominated Sediment Budgets by a Fulcrum Approach Assessment Using Channel Paleohydrologic Parameters: Cretaceous Dunvegan Formation: W. Lin, J. P. Bhattacharya
- P22** Shale Mechanics of Growth Faults in Deltaic Parasequences of the Cretaceous Ferron Notom Delta of Utah, USA: C. Huang, J. Bhattacharya
- P23** A Long-Lived Compound Incised Mega-Valley in the Cretaceous Ferron Sandstone, Utah: S. Kimmerle, D. Kynaston, J. P. Bhattacharya
- P24** Chemical Diagenesis in Stratigraphic Context: The Ervay Cycle of the Phosphoria Rock Complex (Permian), Wyoming and Montana: M. E. Pommer
- P25** Jurassic Upper Toarcian-Early Aalenian Oncoid and Ooid-Rich Facies of the Adriatic Carbonate Platform, Southern Croatia: W. Moynihan, A. Husinec, B. Prtoljan
- P26** Change in Seawater Redox and Carbonate Saturation State: A Mechanism for Basin-Wide Shifts in Carbonate Platform Architecture and Carbonate Factories: Examples From the Permian Triassic Nanpanjiang Basin, South China: N. Adams, X. Li, L. Stepchinski, D. J. Lehrmann, M. Yu, M. Minzoni, J. Payne
- P27** Multi-Scale Stratigraphic Heterogeneity Induced by Allocyclic and Autocyclic Factors in a Low Net-to-Gross Fluvial Succession: O. J. Arévalo, L. Colomera, N. P. Mountney

- P28** Chemostratigraphy of the Woodford Shale, McAlister Cemetery Quarry, Ardmore Basin, Oklahoma: I. C. Ekwunife, B. W. Turner, R. Slatt
- P29** 3-D Facies Architectural Study of Channel Belt Deposits in the Ferron Sandstone, Hanksville, Utah: P. Bhattacharyya, J. P. Bhattacharya, S. Khan
- P30** Facies and Provenance of Basal Clastics in the Eastern Gulf of Mexico: K. Wiley, A. Weislogel, S. Bowman, S. W. Gomes, D. M. Robinson, D. Barbeau
- P31** Early to Middle Eocene Planktonic Foraminifera Biostratigraphy of OPD Site 998 on the Cayman Rise, Caribbean Sea: S. Yager, R. Fluegeman
- P32** Combining Ground Penetrating Radar and Outcrop Analysis to Reveal 3-D Sedimentary Architectures and Flow Properties in Deepwater Deposits of the Jackfork Formation, Arkansas: L. M. West
- P33** Complex Fluvial-Lacustrine Interactions as Revealed by Outcrop to Subsurface Analysis of the Renegade Tongue, Green River Formation, Uinta Basin, Utah: M. Hodan, J. Wang, P. Plink-Bjorklund

## SEPM Research Symposium: Foreland Basin Drainages and Deposition I

Hall C 9:00 a.m.–5:00 p.m.

Chair: D. Leckie

- P44** Base Level Control on the Sequence Patterns of Ancient Low-Stand Meandering Valley of Middle Jurassic Shaximiao Formation in the Western Sichuan Depression: L. Junlong, J. Youliang, W. Tianyun, L. Zhicheng
- P45** Paleocene-Early Eocene Sedimentation and Depositional Environment in the Washakie Basin, Southwestern Wyoming, USA: Implications for Tectonic Evolution During the Overlapped Sevier and Laramide Orogenies: M. Gao, M. Fan
- P46** Hydrodynamics of Fluvial Strata in the Cretaceous Williams Fork Formation, Colorado: B. Campanaro, D. Kamola, M. Blum
- P47** Migrating Depozones and Diachronous Hot Shales: Upper Cretaceous (Santonian) Puskwaskau Formation, North-Central Alberta: O. Al-Mufti, G. Plint, B. Cheadle
- P48** Soyatal Formation and Related Strata: Onset of Sedimentation in the Cretaceous Foreland-Basin System, Central Mexico: E. Juárez-Arriaga, T. F. Lawton, D. F. Stockli
- P49** Preliminary Sedimentology and Provenance Analysis From the Magallanes-Austral Retroarc Foreland Basin: Implications for Miocene Evolution of the Patagonian Fold-and-Thrust Belt: J. S. Leonard, J. Fosdick
- P50** Inception of a Continental-Scale River From Segmented Paratethys Basins: Possible Timing and Size of the Danube River Flowing Into the Black Sea: C. Olariu, D. Jipa
- P51** Progradation of an Ancient Distributive Fluvial System in a Foreland Basin: The Smoky Hollow Member of the Upper Cretaceous Straight Cliffs Formation: J. W. Primm, C. L. Johnson, L. Stright
- P52** The Record of Changing Accommodation and Provenance in Early Cretaceous Fluvial Channel Deposits of the Western Interior Basin: Lower Kootenai Formation, Great Falls, Montana: G. M. Quinn, S. M. Hubbard, W. Matthews
- P53** The Late Albian (Joli Fou) Continental Flooding Event: Not a Simple Story: K. Vannelli, G. Plint

## Theme 1: Paralic Systems in Time and Space (SEPM)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: J. Bhattacharya and G. Plint

- P64** Process Regime Change From Wave-Modified and Tidally-Influenced to Wave-Dominated Deltas Across Growth Faults in the Paleogene Lower Wilcox Guadalupe Delta, South Texas Gulf Coast: M. Olariu, H. Zeng, W. Ambrose
- P65** Mixed Autogenic and Allogenic Origin of Stratigraphic Complexity in Paralic Environments: Examples From the Neslen Formation, Mesaverde Group, Utah: M. Shiers, N. P. Mountney, D. Hodgson

# TECHNICAL PROGRAM MONDAY

\*Denotes presenter is other than first author

- P66 Quantitative Characterization of the Sedimentary Architecture of Shallow-Marine and Paralic Reservoir Analogs: A Database Approach:** L. Colombera, N. P. Mountney, D. Hodgson, W. D. McCaffrey
- P67 Facies and Stratigraphic Architecture of the Fox Hills Sandstone, Eastern Wyoming: Insight Into Depositional Processes During Long-Transit Shoreline Regression:** K. L. Butler, J. L. Aschoff
- P68 A Process-Based Approach That Integrates Sequence Stratigraphy, Sedimentary Facies and Landform Analysis for the Early Pleistocene Surry Paleoshoreline Complex: An Analog for Potential Reservoirs – Atlantic Continental Margin, North Carolina, USA:** K. M. Farrell, W. B. Harris, K. L. Cummings
- P69 Three-Dimensional Modeling of a Quarried Deltaic Reservoir System: Atoka Formation, Arkansas:** A. R. Reisdorf, P. Hou, L. Wood
- P70 Impacts of Depositional Processes on Reservoir Quality in Tidally-Influenced Lithofacies of the Upper Cretaceous John Henry Member, Straight Cliffs Formation, Southern Utah:** C. Johnson, L. Stright, C. L. Johnson, J. Comer, T. Vanorio
- P71 Multi-Scale Morphodynamic Reconstruction of Cretaceous Linear Dunes in the Neuquén Basin, Argentina: Implications for Reservoir Characterization and Modeling:** A. Argüello-Scotti, G. Veiga, E. Morettini, G. Godino
- P72 Laboratory Experiments of Incised Valley Systems: Influence of Sediment Concentration and Sea Level Rise:** C. Chen, S. Castellort, C. Paola, L. Guerit, B. Foreman
- P73 The Potential Temporal Significance of a High-Abundance, High-Diversity Ichnologic Assemblage in an Otherwise Apparently River-Dominated Deltaic Succession: The Cretaceous Loyd Delta, Rangely, Colorado:** T. Prather, P. Flaig, S. Hasiotis
- P74 Stratigraphic Architecture, Sedimentology and Ichnology of Late Cretaceous Storm-Flood, River-Dominated Deltas Versus Storm-Dominated Deltas:** D. A. van der Kolk, P. P. Flaig, S. Hasiotis
- P75 Tectonically Controlled Nearshore Deposition: Cozzette Sandstone, Book Cliffs, Colorado, USA:** A. Madof, N. Christie-Blick, M. Anders
- P77 Evolution of Prograding Channels and Relation to Splay Deltas: Geomorphology and Reservoir Characteristics From the Red River Delta in Lake Texoma:** T. Howe, J. Holbrook
- P78 Sequence Stratigraphy of the Inyan Kara Formation, Northwestern North Dakota: Extracting the Maximum from Minimal Core and Outcrop Data:** J. W. Bader

## Theme 1: Advances in Geochemical Techniques (SEPM)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: D. Keighley and K. Taylor

- P16 Regional Chemostratigraphic Correlation and Interpretation of the Montney Formation: New Insights and Perspectives:** T. Playter, H. Corlett, K. Konhauer, K. MacCormack, D. Rokosh, J. Zonneveld, J. Pawlowicz
- P17 Mineral Chemical Analysis of Glauconites Within the Upper Cretaceous Karai Shale Formation for Evaluation of Stratigraphic Condensation:** S. Banerjee, U. Bansal, K. Pande
- P18 Chemofacies Characteristics of Six Bakken Cores From the Northeastern Williston Basin: Insights to Paleodepositional Conditions From Trace Element Variability in Mudrocks:** T. Canada, J. Grillo, M. Huber
- P19 The Influence of Volcanic Ash Sediments on the Formation of Lacustrine Organic-Rich Shale in Ordos Basin, Central China:** W. Yuan, G. Liu, W. Luo, C. Li

## Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks (SEPM/AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Chair: R. Boyd

- P34 Integrating  $\mu\text{-scale}$   $\delta^{18}\text{O}$  and  $\delta^{13}\text{C}$  SIMS Data Into Sediment Burial Histories: Diagenetic Records of Temperature and Fluid Composition in Illinois Basin Sandstones:** A. C. Denny, K. Kitajima, R. Kozdon, M. Sliwinski, M. Spicuzza, J. W. Valley
- P35 Primary and Secondary Controls on Reservoir Quality; Relationships Between Lithofacies and the Development of Deformation Bands:** O. Wakefield, E. Hough, K. D. Clark
- P36 Effect of Temperature on Brittleness Evaluation of Unconventional Reservoirs:** Y. Hu, Z. Chen, K. Chen
- P37 Petroleum Hydrogeology of Saskatchewan:** G. Jensen, B. Rostron
- P38 Diagenesis of the Sappington Formation in SW Montana: Implications for Reservoir Quality in the Time-Equivalent Bakken Formation:** C. Schultz, M. Hofmann, M. Hendrix, B. Hart
- P39 Porosity Preservation in the Lithic Carmópolis Reservoirs, Sergipe-Alagoas Basin, Brazil:** A. B. Schrank, S. D. Altenhofen, L. F. De Ros
- P40 Fluid Flow and Related Diagenetic Processes in a Rift Basin: Evidence From the Eocene Es4 Interval, Dongying Depression, Bohai Bay Basin, China:** Y. Cao, B. Ma, E. Kenneth, Y. Jia, Y. Wang
- P41 Structure of Weathered Clastic Crust and its Petroleum Potential:** F. Yang, L. Hou
- P42 Formation of Secondary Porosity With Implications for Reservoir Quality in Deeply Buried Sandstones: A Case Study From Sublacustrine Fan Deposits in the Eocene Es4 Interval, Dongying Depression, Bohai Bay Basin, Northeastern China:** B. Ma, Y. Cao, E. Kenneth, Y. Jia, Y. Wang
- P43 Diagenetic and Porosity Evolution of Conglomerate Sandstones in Bayingebi Formation of the Lower Cretaceous, Chagan Sag, China-Mongolia Frontier Area:** W. Wei, X. Zhu, G. Garven, M. Tan

## Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: M. Grobe and V. Vandeginste

- P84 Stratigraphic Evolution of an Icehouse Strandplain System – West Caicos, BWI:** C. Kerans, C. Zahm, S. Bachtel, J. Lambert, N. Danger, A. Nolting
- P85 Erosion and Deposition on the West Florida Shelf Edge:** A. H. Ling, G. Eberli, D. Hebbeln, C. Wienberg, L. Beuck, A. Freiwald, N. Nowald, G. Ruhland, P. Wintersteller
- P86 The Distribution of Sediments on the Caicos Platform, B.W.I.: A Modern, High-Energy Isolated Carbonate Platform as a Guide to Understanding the Distribution of Enhanced Reservoir and Barrier Facies in Ancient Carbonate Reservoirs:** S. Bachtel, C. Kerans, C. Zahm
- P87 Miocene-Pliocene Heterozoan-Dominated Systems in the Dominican Republic: Analogs for Neogene Reservoirs in the Caribbean:** E. E. Core, W. R. Ramirez, H. Santos, D. Ortega-Ariza, E. K. Franseen
- P88 Spatial and Stratigraphic Distribution of Microbialite Facies in the Eocene Green River Formation: Developing an Exploration Analog to the South Atlantic “pre-Salt”:** P. Buchheim, S. M. Awramik
- P89 Impact of Heterogeneous Storm Event Deposits on Fluid Flow Behaviour of Late Jurassic Arab-D Reservoir, Saudi Arabia:** C. Jacquemyn, M. D. Jackson, G. J. Hampson, C. M. John, D. Cantrell, R. Zühlke, A. A. AbuBshait, R. F. Lindsay
- P90 Characterization of Microbialites from Antelope Island’s Bridger Bay and Promontory Point, Great Salt Lake, Utah:** M. D. Vanden Berg, T. C. Chidsey, D. E. Eby

# TECHNICAL PROGRAM MONDAY

\*Denotes presenter is other than first author

- P91 Modeling Controls on the Architecture of Phylloid Algal and Associated Reservoirs from Outcrop Analogs: Lower Ismay Zone (Pennsylvanian), Utah, USA:** K. S. Lechtenberg, R. H. Goldstein, E. K. Franseen
- P92 Facies and Cycle Architecture in the Gulf PDB-04 Core: Integration of Outcrop Derived Models Into the Subsurface:** K. McKenzie, C. Kerans, R. G. Loucks
- P93 Stable Carbon and Oxygen Isotope Record and Facies Stacking Pattern of the Subsurface Red River Formation in Eastern North Dakota:** A. Husinec
- P94 Evolution of Frasnian Mixed Carbonate-Siliciclastics Systems: Outcrop-Based Characterization of Sequence Stratigraphy and Architecture, Cline Channel and Jasper Basin Areas, Alberta, Canada:** P. Wong, J. Weissenberger, M. Gilhooly
- P95 Dolomitization in the Uteland Butte Member of the Eocene Green River Formation, Uinta Basin, Utah: Implications for Petroleum Production Potential:** F. Rueda, M. Vanden Berg, H. Machel

## Theme 6: Unconventional Plays: North American Case Studies (AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: H. Corlett and T. Playter

- P105 Quebec's Horizontal New Play for Light Oil in the Gaspé Peninsula: Reprocessed 2-D Seismic Reveals Complex Structures That Could be Significant Fields:** L. R. Sternbach, C. A. Sternbach, S. Séjourné, J. McCullough
- P106 Exshaw Formation Study, Liard Basin, Northwest Territories, Canada:** J. Rocheleau, K. M. Fiess
- P107 Detailed Lithofacies Analysis and High Resolution Sequence Stratigraphy of the Horn River Group, British Columbia, Canada:** K. Ayranci, T. Dong, N. B. Harris
- P108 Characterizing the Geomechanical Properties in Middle and Upper Devonian Horn River Shale, Northeast British Columbia, Canada:** T. Dong, N. B. Harris, K. Ayranci
- P109 Duvernay Middle Carbonate Distribution and Potential Implications to Subsurface Development:** S. Walter
- P110 Sedimentology, Ichnology and Reservoir Characterization of the Lower Montney D1 and D2 Horizons, Pouce-Coupe-Dawson Area:** D. Prenoslo, C. M. Furlong, A. Gegalick, M. Gingras, J. Zonneveld
- P111 Distribution of Arenites (Ferne Sand) in the Jurassic Fernie Formation in Northeastern British Columbia, Canada:** E. Janicki
- P112 Geological Controls on Sweet Spots Within a Laterally Extensive Shoreface Sandstones, Albian Wilrich Member, Spirit River Formation, West-Central Alberta:** D. Newitt, P. K. Pedersen
- P113 An Overview of the Sappington Project With Implications for Future Generations of Bakken Reservoir Evaluations:** R. T. Beaubouef, M. Kloska, J. C. Hohman, J. M. Guthrie, D. A. Palkowsky
- P115 Unconventional Resource Potential of Cretaceous Source Rocks in the Onshore Cesar-Rancheria Basin, Northern Colombia:** C. J. Sanchez, P. Mann, R. Bernal-Olaya
- P116 Stratigraphic Architecture and Reservoir Characteristics of the Desmoinesian Granite Wash (Marmaton Group), Elk City Field, Anadarko Basin, Oklahoma:** B. Salantur, M. J. Pranter
- P117 Petroleum System Modeling of Devonian Duvernay Formation, Western Canada Sedimentary Basin: Implication for Shale Oil and Gas Resources:** P. Wang, Z. Chen, X. Pang, C. Jiang, M. Sun, X. Chen
- P118 Stratigraphy, Seismic Characteristics, and Reservoir Properties of the Desmoinesian Granite Wash, Buffalo Wallow Field Area, Anadarko Basin, Texas:** D. E. Senoglu, M. J. Pranter, K. J. Marfurt
- P119 Stratigraphic Controls on Mississippian Limestone Reservoir Quality Through Integrated Electrofacies Classification and Seismic-Constrained Spatial Statistics, Hardtner Field, South-Central Kansas:** N. W. Wethington, M. J. Pranter

- P120 Outcrop-based Reservoir Modeling of the Sappington Formation (Montana); Developing Strategies for Reservoir Characterization and Modeling of Middle Bakken Reservoirs (North Dakota):** D. A. Palkowsky, I. Harmawan, R. T. Beaubouef, J. C. Hohman, J. M. Guthrie, A. Rodriguez, K. Sementelli

## Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: J. Chatellier and I. Kirkland

- P54 Including Hydro-Shear in a Practical Reservoir Simulation Model to Improve Well Design in a Fractured Tight Oil Carbonate Resource:** G. D. Vassilellis, E. A. Elrafie
- P55 Well Placement Matters: Improving Survey Accuracy by Using Continuous Directional Data and Drilling Parameter Settings:** E. J. Stockhausen, R. Ball, P. Clark, R. Mongan, P. Rice
- P56 The Limitations of Lognormal Distributions: Using Subsurface Data to Make More Accurate Resource Estimations:** D. Liner
- P57 The Online Mapping Revolution: Using Free and Open-Source Geospatial Workflows to Keep Multidisciplinary Teams Working Together and In-Sync:** J. Knapp
- P58 Constraining the Dynamic Properties of Faults in Compartmentalized Oligocene Mid-Slope Turbidite Channels:** A. Dufournet, N. Lagrilliere\*
- P59 Remote Well Site Biostratigraphy and Advances in Automated Fossil Analysis:** G. Gard, I. Prince, J. A. Crux, B. Lee
- P60 Basin "Porosity Floor" – A Valid Rule of Thumb? The Case for Early Numerical Integration:** D. Rajmon
- P61 Generating Value Through New Logging Technology and Analytical Methods – Case Study From Offshore West Africa:** I. J. Ayodele, C. Cavalleri, S. Kabon, N. Akpan, T. Olayemi, A. Orimolade, G. Penfield
- P63 The (Forgotten?) Art of Geological Field Sketches:** J. Noad

## Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) (AAPG/SEPM)

Hall C 9:00 a.m.–5:00 p.m.

Chair: Z. He

- P96 Connecting the Dots: Correlating Oil Geochemistries (Points) Along and Across the South Atlantic Margins:** W. Dickson, C. Schiefelbein
- P97 Using SARA Data to Reduce Uncertainty About the Type of Petroleum Fluid in the Woodford Formation and the Meramec Formation in the Anadarko Basin and the Arkoma Basin:** A. S. Kornacki, D. B. Eddins
- P98 Integrating Sensitivity Analysis and Igneous Activity Into Basin Modelling, Faroe-Shetland Basin, NE Atlantic:** B. S. Allen, D. Paton, D. Cornwell, A. Watkins, P. Z. Palmero
- P99 Using Hierarchical Cluster Analysis to Improve Facies Definitions in Permian Mudrocks (Wolfcamp and Lower Leonard), Midland Basin, Texas:** R. W. Baumgardner, H. Rowe
- P100 MinC(%) Parameter From Rock-Eval 6 Analysis as a Reliable and Cost-Effective Measurement of Carbonate Contents in Shale:** C. Jiang, Z. Chen, P. Kabanov, D. Lavoie
- P101 A Cross Basin Source Rock Study Investigating the TOC and Biomarker Groups of Potential Source Rocks In Kansas:** M. A. Wall, A. McColloch\*, M. Totten, D. Evans
- P102 Development of the Petroleum System on the South Labrador Slope:** E. Tibocha, R. Masotti, K. Hernon, D. Little, R. Mansfield, R. Dale, M. Lemberger
- P103 East Shetland Platform Petroleum Geochemistry and Prospectivity:** A. Sarkar, J. Armstrong
- P104 Petroleum System Insights From the South Florida Basin With Implications to the Southern Gulf of Mexico:** D. A. Wavrek, M. Slack, J. Williams, A. Hansen, A. Gupta

# TECHNICAL PROGRAM MONDAY

\*Denotes presenter is other than first author

## Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)

Hall C 9:00 a.m. – 5:00 p.m.

Co-Chairs: P. Colton and R. Sinha

### P124 Spectral Balancing of Seismic Data Using Spectral Decomposition:

S. Chopra, K. J. Marfurt

### P125 Improved Satellite Gravity Data: Enhanced Tool for Structural Interpretation:

K. Fletcher, C. Green, S. Mazur, J. Rodriguez

### P126 Insar Monitoring in Heavy Oil Operations: S. Del Conte, A. Tamburini,

A. Higgs\*, J. Morgan, G. Falorni, M. Banwell

### P127 Borehole Informatics: Data Integration Challenges of Scientific Drilling:

Y. Yamada, M. K. Thu

### P128 A Photon-Counting Approach to Drill Core Chemostratigraphy: Working

Without an Empirical Calibration in Mudstones: H. Rowe

### P129 New Petroleum Systems Related to the Structuring of Meso-Cenozoic

Basins in North African Plate Tunisian Margin: M. Bédir

### P130 Acoustic Characterization of Sub-Seismic Scaled Heterogeneities in

Carbonate Reservoirs: Example of Barremian Microporous Limestone From

SE France: An Analog of Middle East Hydrocarbon Reservoirs: D. Baden,

Y. Guglielmi, L. Marié

### P131 Distribution and Seismic Characteristics of the Cretaceous-Paleogene

Boundary Layer in the Gulf of Mexico, USA, and Mexico Deepwater:

C. Lowery, J. W. Snedden

### P132 Application of Thin-Bed Indicator and Sweetness Attribute in the

Evaluation of Sediment Composition and Depositional Geometry in Coast-

Perpendicular Subbasin, South Texas Gulf: O. C. Ogiesoba

### P133 Integrated Fracture Characterization of Devonian Carbonate Bank – A 3-D

Case Study From Alberta: A. Mustaqeem, V. Baranova

### P134 Application of Geophysical Technologies Assemblage in Evaluation of

Deepwater Fields in the Northern South China Sea: M. He, J. Shen, M. Zhu,

J. Liu

## Theme 1: Insights Into Mudrock Stratigraphy (SEPM)

Hall C 9:00 a.m. – 5:00 p.m.

Chair: S. Dashtgard

### P80 A Sedimentologic-Petrographic Study of Parasequences in the Late

Cretaceous Tununk Shale of the Henry Mountain Region of SW Utah –

Implications for Shale Deposition in the Western Interior Seaway:

B. Rossman, J. Schieber

### P81 Tying Core Descriptions and Optical Petrography With XRF Geochemical

Data for a Detailed Characterization of the Mississippian Barnett Formation

in the Southern Fort Worth Basin of North-Central Texas: L. P. Redmond,

R. G. Loucks, H. Rowe

### P82 Insights Into Sedimentological and Diagenetic Processes Within a Major

Shale Gas Exploration Play: The Mississippian Bowland Shale, UK:

S. Newport, K. G. Taylor, E. Hough, R. Worden

### P83 High Resolution Sedimentological and Trace Metal Analysis of Late

Paleozoic and Cretaceous Mudstones: Preliminary Results From the Baxter

Formation, Rock Spring Uplift, WY: J. C. Luna Gonzalez, L. Birgenheier



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# TECHNICAL PROGRAM MONDAY & TUESDAY

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## Theme 1: Marine and Fluvial Reservoirs: Western Canadian Examples (SEPM/AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: T. Moslow and B. Zaitlin

- P121 Lithic Mannville: Significant New Oil Opportunities:** L. M. Stevens, R. Wierzbicki, D. Potocki, F. Palmi, G. Milne
- P122 Quantitative Evaluation and Population Statistics of Point Bar Dimensions, McMurray Formation, Northeastern Alberta:** E. Dehari, M. Webb
- P123 Characteristics of Falling Stage Systems Tract Slope Channels: An Example from the Neoproterozoic Isaac Formation, Windermere Supergroup, Canada:** V. Terlaky, A. Bergen, B. Arnott

## Tuesday Morning Technical Sessions

SEPM Research Symposium: Foreland Basin Drainages and Deposition I

Hall B, Room 1

Co-Chairs: D. Leckie and A. Miall

- 8:00 Introductory Remarks**
- 8:05 Recurring Themes in Foreland Basin Stratigraphy: Sheets, Wedges, Trampolines, and the Possible Role of Climate:** G. Plint
- 8:25 The Canadian Cretaceous Polar and Western Interior Seas: Paleoenvironmental History and Paleoclimatographic Linkages:** C. J. Schroder-Adams, J. O. Herrle, A. Quesnel, D. Selby, M. Davies
- 8:45 Variation of Rivers and Their Paleo-Drainages in Mesozoic Foreland Basins of North America:** J. Bhattacharya, J. Bhattacharya
- 9:05 Paleodrainage for the Mannville Group, Eastern Margins of the Alberta Foreland Basin System:** M. Blum, D. Jennings
- 9:25 Refreshment Break**
- 10:10 Direct Correlation of Orogenic Pulses in the Southern Canadian Rocky Mountains Fold-and-Thrust Belt and Depositional Changes in the Adjacent Foreland Basin:** D. I. Pana, B. A. van der Pluijm
- 10:30 The Impact of Post-Orogenic Erosion and Sediment Transport on the Detrital Zircon Provenance of Incipient Foreland Basins:** A. Leier, D. Leckie
- 10:50 Accommodation, Sediment Provenance and Paleo-Drainage on the Basal Cretaceous Unconformity Across the Canadian Western Interior Basin:** S. M. Hubbard, D. Leckie, G. M. Quinn, B. G. Daniels, W. Matthews, B. Guest
- 11:10 Evolution of the Western Canada Foreland in the Liard Basin, Northwest Canada:** M. McMechan, F. Ferri, L. Currie, W. Matthews, B. Guest
- 11:30 Terrestrial Paleoclimatology of the Early Cretaceous Western Interior Foreland Basin of North America:** G. A. Ludvigson, L. A. Gonzalez, M. Suarez, R. M. Joeckel, A. Moeller

## Theme 2: Unconventional Carbonate Reservoirs I (SEPM/AAPG)

Hall B, Room 2

Co-Chairs: S. Kaczmarek and R. Phelps

- 8:00 Introductory Remarks**
- 8:05 Review of Limestone Microporosity Occurrence Through the Phanerozoic Eon:** F. Hasiuk, S. E. Kaczmarek
- 8:25 The Impact of Dual Porosity on Pore-Scale Fluid Distributions During Steady State Flow:** M. Andrew
- 8:45 Characterization of a Carbonate Mudrock Reservoir by Integrating Sequence Stratigraphy, Sonic Velocity and Macro to Micropore Architecture:** B. Vanden Berg, M. Grammer

- 9:05 An Overlooked Devonian Sequence – Sea-Level Changes During Middle Bakken Member Deposition, and the Importance of Clastic Dykes in the Lower Bakken Shale, North Dakota, USA:** S. Egenhoff

**9:25 Refreshment Break**

- 10:10 The Playa Lake Depositional Model for the Three Forks Fm:** B. Garcia-Fresca, D. Pinkston
- 10:30 Dolomitization and its Impact on Porosity Evolution in the Middle Bakken, Elm Coulee Field, Williston Basin:** D. Nandy, S. Kumar, J. D. Humphrey, M. Longman, S. Sonnenberg
- 10:50 Patterns of Sediment Dispersal and Accumulation Basinward of a Large-Scale Inflection in Slope Angle; Cutoff Fm. and Avalon Trend, Delaware Basin:** G. S. Hurd, C. Kerans, X. Janson, T. Simo, S. Fullmer
- 11:10 Progressive Burial Diagenesis of the Upper Cretaceous Niobrara Formation, Denver Basin, Colorado:** J. D. Humphrey, L. Hefton, S. Sonnenberg
- 11:30 Dolomitization & Dedolomitization of a Peritidal Carbonate Reservoir; Upper Leduc Formation, East-Central Alberta, Canada:** N. Ettinger, W. Loogman, N. P. James

## Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays II: Optimization and Performance (AAPG/SEPM)

Hall B, Room 3

Co-Chairs: J. Suter and R. Trevail

- 8:00 Introductory Remarks**
- 8:05 Stratigraphy and Sedimentology of the Sappington Formation: Validating Sappington Outcrops as an Exposed Analog for the Bakken Subsurface:** J. C. Hohman, G. W. Grader, P. T. Doughty, J. M. Guthrie, A. Rodriguez, R. T. Beaubouef
- 8:25 Stratigraphy and Facies Characterization of the Cenomanian to Turonian Eagle Ford Group in Southwest Texas: Implications for Identifying Potentially Productive Hydrocarbon Pay Zone:** R. A. Conte, S. Jreij, M. Pope
- 8:45 Geologic Characterization and Facies Analysis of the Wolfcampian/Leonardian Succession in the Midland Basin, West Texas, USA: Impact on Horizontal Well Performance:** D. Lancaster, R. Bodziak, H. Bello, P. Clarke, C. Kelly, A. Torres, S. Doupink
- 9:05 Predicting Gas Production in the Marcellus Shale From Sedimentological and Tectono-Stratigraphical Variations in East Lycoming, NE Pennsylvania, USA:** O. O. Emmanuel, K. Rath
- 9:25 Refreshment Break**
- 10:10 Seeing is Believing: A Quest to Visualize Hydraulic Frac Geometry for Optimal Resource Development:** B. Stephenson, L. Acosta, T. Bai, A. Azad, J. Brewer, E. Galan, S. James, T. Schickel
- 10:30 Mechanical and Fracture Stratigraphy Modeling for Development Optimization in the Vaca Muerta Formation, Neuquen Basin, Argentina:** K. Bishop, J. Fernandez-Concheso, T. Davis, H. Davey
- 10:50 An Efficient Multi-Objective Optimization Workflow for Hydraulic Fracture Placement in Unconventional Gas Reservoirs:** T. Plaksina, E. Gildin
- 11:10 Integration of Geochemical and PVT Data to Evaluate Regional and Well-Level Performance of Shale Liquid Plays: Examples From the Montney, Doig, Charlie Lake and Halfway Formations of the Western Canada Sedimentary Basin:** J. B. Curtis, A. Mort, K. Ferworn, J. Zumberge



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*Thank You!*

# TECHNICAL PROGRAM TUESDAY

\*Denotes presenter is other than first author

## Theme 9: Reservoir Characterization in Unconventional Plays (AAPG)

Hall B, Room 4

Co-Chairs: H. Bui and J. Jordan

- 8:00 **Introductory Remarks**
- 8:05 **Fault and Fracture Detection in Unconventional Reservoirs: A Utica Shale Study:** H. Refayee, S. Adcock\*, H. Jaglan, N. Hemstra, K. Rimaila
- 8:25 **Using Seismic Data for Characterization of Vaca Muerta Shale With Reduced Uncertainty:** R. K. Sharma, S. Chopra
- 8:45 **Compositional Density Porosity: Leveraging Geochemical Data as an Exploration and Petrophysical Tool:** B. Collins, R. Wust, A. Cui
- 9:05 **Thin Sweet Spots Identification in the Duvernay Formation of North Central Alberta:** S. Chopra
- 9:25 **Refreshment Break**
- 10:10 **An Integrated Seismic Reservoir Characterization Workflow for Sweet Spot Identification in Unconventional Resource Plays in Triassic Yanchang Formation, Erdos Basin, China:** X. Wang, L. Zhang, W. Wang\*, Q. Liang, C. Jiang, Y. Gao, F. Ma, Q. Wang, R. Zeng
- 10:30 **The New Method of the Sweet Spot Discrimination and Predictive Production in North American Shale Oil:** C. Liu, Y. Zhang, J. Yu, R. Qin
- 10:50 **Multi-Scale Interpretation of Electrical Resistivity Measurements in the Presence of Complex Pore Structure and Anisotropy:** A. Kotb, A. Posenato Garcia, Z. Heidari\*
- 11:10 **Correlating Water Imbibition to Geology in Montney Formation Using Core and Log Data:** N. Vaisblat, A. A. Moghadam, N. B. Harris, R. Chalaturnyk

## Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)

Palomino A/B/C

Co-Chairs: G. Citron and R. Nehring

- 8:00 **Introductory Remarks**
- 8:05 **Estimating the Required Resource Volumes and Sources to Meet Strategic Targets:** P. D. Carragher
- 8:25 **Reasons for Falling Commerciality of New Discoveries and Possible Solutions:** J. Wilson
- 8:45 **Improving Unconventional Resource Assessments:** R. Nehring
- 9:05 **Capturing Uncertainty in Prospect Economics:** C. W. Barnes
- 9:25 **Refreshment Break**
- 10:10 **The Use of Seismic Technologies in Different Reserve Standards; Applications of 3-D Seismic and Micro-Seismic to the SEC, NI-51 and PRMS Reserve Categories:** J. Aldrich, J. P. Seidle, B. Butler
- 10:30 **Importance of Recognizing Open Fracture Networks When Estimating Shale Gas Reserves – A Geochemical and Microseismic Perspective:** J. D. Chatellier
- 10:50 **The Efficient Path for Subsurface Project Delivery; Platforms for Lean Subsurface Methods:** R. T. Beaubouef, K. Lukats
- 11:10 **Understand Petrophysical Properties of Real World-Scale Complex Conventional Rocks Economically With Emerging Technologies:** R. Sungkorn, S. Bhakta, A. Grader, A. Morcote, G. Carpio, J. Toelke

## Theme 5: Structural Interpretation Quality and Methods (AAPG/PSGD)

Palomino D

Co-Chairs: B. Krantz and D. Quinn

- 8:00 **Introductory Remarks**
- 8:05 **The Pitfalls of Seismic Interpretation: How to Reduce Risk With Certainty:** D. Quinn
- 8:25 **Structural Models Constrained by Geophysical Data Provide Additional Insight to the Subsurface in Southern Colorado, U.S.:** M. S. Velasco

- 8:45 **Attribute-Assisted Automatic Fault Extraction – A Case Study in a Tectonically Complex Area Offshore East Coast of Canada:** H. M. Garcia, J. Dexter, R. Martin
- 9:05 **Palaeo-Fault Analysis: Defining the Evolution and Impact of Faults Through Time:** H. Anderson, C. Reilly, L. Smallwood, S. Mücklisch
- 9:25 **Refreshment Break**
- 10:10 **Learning From the 2013 3-D Interpretation AAPG Hedberg Conference: How Geoscientists See 3-D:** B. Krantz, C. J. Ormand, B. Freeman
- 10:30 **Defining Proper Boundary Conditions in 3-D Structural Restoration: A Case Study Restoring a 3-D Forward Model of Suprasalt Extensional Structures:** B. P. Chauvin, J. Stockmeyer, J. H. Shaw, A. Plesch, J. Herbert, P. Lovely, C. Guzowski, G. Caymon
- 10:50 **Production and Prospectivity in a Structurally Complex, High-Taper Triangle Zone, Gibraltar Area, Eastern Cordillera, Colombia:** D. Richards, M. Casanova, C. Ceballos
- 11:10 **A New Parallel Fold Construction Method From Borehole Dip for Structural Delineation:** T. Yamada, I. Le Nir, E. Moscardi, A. Etchecopar
- 11:30 **Structural Styles and Hydrocarbon Exploration Challenges in the Babar-Selaru Fold-Thrust-Belt, Banda Sea Region, Indonesia:** B. Sapiie, A. Kurniawan, H. Danio, D. Danil, M. Hadiana, M. Ohara, M. Fujimoto, L. Perdana, A. Saputra

## Theme 1: Physical Processes and Patterns of Mud Dispersal and Their Expressions (SEPM)

Palomino E

Co-Chairs: B. Hart and P. Pedersen

- 8:00 **Introductory Remarks**
- 8:05 **Laser Ablation-ICPMS U-Pb Detrital Zircon Geochronology of Shale:** P. J. Sylvester
- 8:25 **The Nature and Origin of Organic-Rich (Source) Strata in Deepwater Rocks of the Neoproterozoic Windermere Supergroup:** B. Arnott, G. Ross, K. Ozadetz
- 8:45 **On the Durability of Shale Lithics – Experimental Constraints, Modern Examples and Implications for Interpreting the Rock Record:** J. Schieber
- 9:05 **TBD**
- 9:25 **Refreshment Break**
- 10:10 **Event Deposition in Shales – Woodford Shale, Oklahoma, USA, and Björkåsholmen Formation, Sweden:** S. Egenhoff, N. Fishman, P. Ahlberg, J. Maletz, S. T. Paxton
- 10:30 **Quantitative Clinoform Characterization – Triassic Barents Sea Offshore Northern Norway:** T. G. Klausen, W. Helland-Hansen, R. Müller
- 10:50 **Depositional Setting of Paleozoic Organic Rich Lacustrine Oil Shale Deposits of the Maritimes Basin, New Brunswick, Canada:** P. K. Pedersen, F. Goodarzi, H. Sanei
- 11:10 **Variability of Mudstone Microstructure in a Freshwater to Marine Transect: Upper Cretaceous Delta System, Alberta and British Columbia:** K. Pavan, G. Plint, B. Cheadle
- 11:30 **Facies Characteristics and Sequence Stratigraphy of the Upper Cretaceous Tununk Shale Member, Henry Mountains Region, Utah:** Z. Li, J. Schieber, J. P. Bhattacharya

## Theme 4: Petroleum System Modeling and Calibration of Conventional Resources (AAPG)

Palomino F/G/H

Co-Chairs: S. Crews, M. Fustic and E. Michael

- 8:00 **Introductory Remarks**
- 8:05 **Oil to Source Rock Correlation and Implications for Petroleum System Analysis:** M. Schwangler, N. B. Harris

# TECHNICAL PROGRAM TUESDAY

\*Denotes presenter is other than first author

- 8:25 Stratigraphic and Geochemical Investigation of Kokersites (Source Beds) Within the Ordovician Red River Formation, Williston Basin, North Dakota:** T. O. Nesheim, S. H. Nordeng, J. W. Bader
- 8:45 Evolution of Vitrinite Reflectance Models:** A. Burnham, K. E. Peters
- 9:05 Is Water Washing An Important Petroleum System Process?:** R. Algeer, L. Snowdon, H. Huang, T. Oldenburg, S. Larter
- 9:25 Refreshment Break**
- 10:10 The Effect of Rapid Changes in Pressure, Temperature and Salinity Conditions on Methane Dissolution and Implication for the Volume of Accumulated Gas:** C. Sandu, M. Kacewicz
- 10:30 Integrated Multidisciplinary Approach to Real Time Pore Pressure Prediction: 3-D Earth Model in the Gulf of Mexico:** F. Mosca, O. Djordjevic, T. Hantschel, I. Hunter, T. Akintokunbo, T. Joppen, A. Krueger, D. Phelps, S. Nyman, K. Koster, M. Schupbach, K. Hampshire, A. MacGregor
- 10:50 TBD**
- 11:10 Reservoir Connectivity, Compartmentalization and Overpressure Conditions in the Sable Subbasin (Nova Scotia, Canada) and Porcupine Basin (Ireland):** C. H. Skinner, R. Silva, N. Watson, F. Richards, G. Wach

## Tuesday Afternoon Technical Sessions

**SEPM Research Symposium: Foreland Basin Drainages and Deposition II**  
Hall B, Room 1

Co-Chairs: D. Leckie and A. Miall

- 1:45 Introductory Remarks**
- 1:50 Western Interior Seaway (WIS) – Upper Turonian-Lower Coniacian Chronostratigraphy and Sequence Stratigraphy: Significance of E/T Disconformities, Relative Sea-Level Oscillations and Eustasy in the Cardium and Niobrara Formations:** F. F. Krause, W. F. Braunberger
- 2:10 Stratigraphic Effects of Precambrian Basement Influence on Marine to Non-Marine Facies Distribution in the Western Canada Sedimentary Basin, Upper Cretaceous, Southern Alberta:** M. I. Ibrahim, G. Plint
- 2:30 A Source-to-Sink Approach to Drainage and Sediment Flux in Thrust and Foreland Systems: Example From the Cretaceous Sevier and Laramide Provinces, Western Interior Basin, USA:** O. J. Martinsen
- 2:50 Recognizing Decoupled Controls on Accommodation and Sediment Supply, and the Importance of Axial Drainages in Foreland Basins: Adventures in Stratigraphic Correlation From the Cretaceous Straight Cliffs Formation of the Kaiparowits Plateau, Southern Utah:** C. L. Johnson
- 3:10 Refreshment Break**
- 3:55 Tectonic Controls on Cenomanian and Turonian Deltas in the Western Cordilleran Foreland Basin of Wyoming and Utah, USA:** C. Fielding, A. Hutsky, J. Korus
- 4:15 Fluvial Architecture and Sediment Partitioning in Response to Early Laramide Structures: The Canyon Creek Member, Southern Wyoming, USA:** J. Leva López, R. Steel
- 4:35 Stratigraphic Record of Foreland Basin Dynamics, Cretaceous Magallanes-Austral Basin, Chile and Argentina:** B. Romans, N. C. Aucther, A. Bernhardt, J. Covault, B. G. Daniels, A. Fildani, J. Fosdick, S. M. Hubbard, Z. R. Jobe, M. Malkowski, T. M. Schwartz, Z. T. Sickmann, L. Stright, S. A. Graham
- 4:55 Cenozoic Evolution of the Magallanes-Austral Basin and Patagonian Fold-Thrust Belt: A Tale of Inheritance and Sediment Recycling:** J. Fosdick, T. M. Schwartz, B. Romans, R. Ali, J. S. Leonard, J. E. Bostelmann, R. Ugalde Peralta, A. Bernhardt, S. A. Graham
- 5:15 Foreland Basin Record of Advancing and Retreating Subduction in the Andes:** B. K. Horton, F. Fuentes

**Theme 6: Microscale Imaging for Unconventional Plays (AAPG)**

Hall B, Room 2

Co-Chairs: N. Fishman and D. Rokosh

- 1:45 Introductory Remarks**
- 1:50 Characterize Millimeter-Scale Unconventional Rock Using Micron-Scale Sample Imaging and Machine Learning: Pore Properties in Eagle Ford, Marcellus and Wolfcamp:** R. Sungkorn, A. Morcote, G. Carpio, T. Cavanaugh, J. Toelke
- 2:10 Can FIB-SEM-EDS Provide Accurate Assessment of Shale Microporosity?:** R. J. Donahoe, J. A. Legg, R. L. Martens
- 2:30 Pore Types and Their Distribution Within Different Facies Types in the Devonian Ohio Shale of Martin County, Kentucky – SEM Observations on Ion-Milled Samples:** Z. Yawar, J. Schieber
- 2:50 Shale Porosity Analysis from SEM Imaging and Traditional Lab Methods:** J. Walls, T. Hintzman
- 3:10 Refreshment Break**
- 3:55 Utility of Micro-X-Ray Computed Tomography for Analysis of Shale Reservoirs:** J. C. Pashin, M. Powers
- 4:15 Unlocking Whole Core CT Data for Advanced Description and Analysis:** A. Govert, B. Hall\*, E. Jones
- 4:35 Fresh Water Hydration and Wetting/Flooding Experiments on Cardium Formation Arenites, Wackes and Mudstones Using an Environmental-Field Emission-Scanning Electron Microscope (E-FE-SEM):** F. F. Krause, C. DeBuhr, A. C. Wiseman, C. A. Rojas Aldana, R. Watson, R. O. Meyer
- 4:55 Seeing is Believing; High Resolution Electron Imaging and Mineral Mapping Shows Trace Minerals can Control Reservoir Properties:** M. J. Kennedy, S. Loehr, N. Debenham
- 5:15 How Mobile Is Your Total Oil Saturation? SARA Analysis Implications for Bitumen Viscosity and UV Fluorescence in Niobrara Marl and Bakken Shale, Supported by FIB-SEM Observations of Kerogen, Bitumen and Residual Oil Saturations Within Niobrara Marls and Chalks:** M. D. Sonnenfeld, L. Canter

**Theme 5: Compressional Structural Systems and Basins (AAPG/PSGD)**

Hall B, Room 3

Co-Chairs: D. Medwedeff and G. Schoenborn

- 1:45 Introductory Remarks**
- 1:50 Fold-Thrust Interactions in the Canadian Rocky Mountains Revisited – A New Kinematic Model and its Implications for Other Shallow Fold-Thrust Belts:** J. Kraus, P. F. Williams
- 2:10 Imaging the Overtaken Limb of a Footwall Syncline in the Western Canadian Fold and Thrust Belt:** A. C. Newson
- 2:30 Late Cretaceous and Early Cenozoic Exhumation in the Foothills of the Brooks Range-Chukotkan Syntaxis Revealed by Apatite Fission Track Analysis:** W. Craddock, D. W. Houseknecht, T. E. Moore
- 2:50 The Tectonic Evolution of the Pachitea Sub Basin, Peru and Implications for the Petroleum System:** M. Cooper, M. Warren, M. Stratton, C. Alegría, J. Sarmiento, E. Gobbo
- 3:10 Refreshment Break**
- 3:55 Deformation History in the Southern Alberta Foreland Basin and Petroleum System Implications:** M. Warren, M. Cooper
- 4:15 Cross-Strike Structures and Hydrocarbon Migration and Accumulation: Examples on the Relationship Between Strike Slip Faults and Lateral Ramps in Three Alpine Thrust Belts:** R. di Cuia, R. Bitonte, P. Pace
- 4:35 Detachment Folding in the Kurdish Zagros: Hidden Structures and Missed Opportunities:** G. Schoenborn, D. Goff
- 4:55 Structural Architecture and Styles of the Zagros Fold-Thrust Belt, Kurdistan Region of Iraq:** D. D. Schelling
- 5:15 Fault Mechanics and Fluid Flow:** G. D. Couples, H. Lewis

# TECHNICAL PROGRAM TUESDAY

\*Denotes presenter is other than first author

## Theme 9: Seismic Attribute Applications and Case Studies (AAPG)

Hall B, Room 4

Co-Chairs: S. Getz and S. Chopra

- 1:45 **Introductory Remarks**
- 1:50 **Lithology Estimation From Seismic Inversion and Attributes, Application to the Netherlands Offshore F3 Block:** E. J. Illidge, J. Camargo, C. Pimentel
- 2:10 **Quantitative Characterization of Brittle Minerals in Shale Gas Reservoir, Jiaoshiba Area, China:** Z. Xu, W. Shi
- 2:30 **Data-Driven Quantitative Reservoir Characterization and New Insights in Pubei Field of Turpan-Hami Basin, Western China:** J. Ran, H. Li, Z. Hu, Z. Zhu, J. Chen, X. Wang
- 2:50 **Risk Analysis and Prospectivity of Miocene to Recent Sediments in Parihaka Area, Taranaki Basin, New Zealand:** O. J. Adimonye, M. van der Baan
- 3:10 **Refreshment Break**
- 3:55 **Seismic Paleogeomorphology of a Platform Carbonate System and its Influence on Quality of Deeply-Buried Dolomitized Reservoir in Cambrian Longwangmiao Formation, Moxi-Gaoshiti Area, Sichuan Basin, China:** H. Zeng, Z. Xu, S. Hu, Q. Fu, W. Zhao
- 4:15 **Seismic Stratigraphic and Quantitative Interpretation of Leonardian Reefal Carbonates, Eastern Shelf of the Midland Basin: Insight Into Sea Level Effects, Geomorphology and Associated Reservoir Quality:** A. B. Caf, J. D. Pigott
- 4:35 **Geological Classification of Seismic-Inversion Data in the Doba Basin of Chad:** C. Reine, C. Szelewski, C. Sandanayake

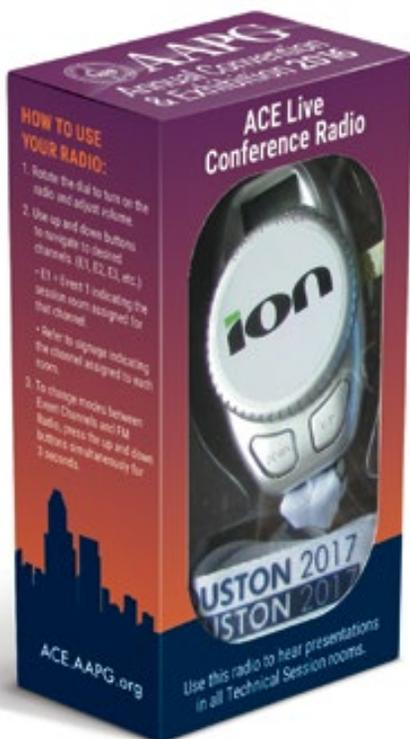
- 4:55 **Stochastic Multiscale Electrofacies Classification of Well Logs: A Case Study From North Slope, Alaska:** M. A. Al Ibrahim, T. Mukerji
- 5:15 **Mapping of Clastic Reservoirs With RGB-Blending Techniques – A Review From the Maria Discovery in the UK North Sea:** A. O. Madsen, A. W. Laake\*, N. Cooke

## Theme 2: Double and Triple Porosity in Carbonates (SEPM/AAPG)

Palomino A/B/C

Co-Chairs: A. Csoma and C. Zahm

- 1:45 **Introductory Remarks**
- 1:50 **The Importance of Detailed Flow Unit Assessment for Modeling Carbonate Reservoir Performance – Insight from the Bitumen-Saturated Grosmont Formation:** A. MacNeil, K. Gray, K. Fraser, K. Qin
- 2:10 **Integrated Karst Characterization From Seismic to Geologic Modeling in Kashagan Field, Kazakhstan:** S. R. Mohammad, P. Moore, K. Putney, G. D. Jones, G. N. Jensen, N. Karatalov
- 2:30 **Flow-Based Model Assisted Characterization of Sub-Seismic Karst:** G. D. Jones
- 2:50 **Origin of the Raised Rim in the Kashagan Buildup, Kazakhstan: A Hypothesis for Diagenesis Associated With Fractures and Burial Compaction:** J. F. Collins, G. D. Jones, J. Haffener, S. R. Mohammad, M. Nauryzgaliyev, R. Nursaidova
- 3:10 **Refreshment Break**
- 3:55 **Examination of Petrophysical Characteristics of Carbonate Multimodal Porosity Systems:** M. T. Skalinski, R. Mallan, P. Theologou, K. Wu, R. Salazar-Tio



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# TECHNICAL PROGRAM TUESDAY

\*Denotes presenter is other than first author

- 4:15 **Genetic Classification of Natural Fractures: A Key to Understand Flow in Kashagan Field:** F. Fernandez-Ibanez, J. M. DeGraff, F. Ibrayev
- 4:35 **Analysis of Fracture Style and Development Associated With Differential Compaction Around Mississippian Carbonate Mounds, Sacramento Mountains, New Mexico:** N. Tinker, X. Janson, C. Zahm
- 4:55 **Origin and Characterization of the Dual Micropore/Macropore Network in Pennsylvanian (Desmoinesian) Caddo Algal Buildup Complexes; Stephens County, North Central Texas:** R. G. Loucks, Q. Fu
- 5:15 **Diagenesis in the Upper Miocene Cayman Formation of Grand Cayman in Response to Rapid Sea Level Rise Over the Last 16,000 Years:** M. Ren, B. Jones

## Theme 5: Geomechanics (AAPG/PSGD)

Palomino D

Co-Chairs: A. Fox, P. Hennings and P. McLellan

- 1:45 **Introductory Remarks**
- 1:50 **Geomechanical Evaluation of Hydraulic Fracturing Induced Seismicity:** S. Maxwell, M. Grob
- 2:10 **Improving Correlation Algorithms to Better Characterize and Interpret Induced Seismicity:** M. Brudzinski, R. Skoumal, B. Currie
- 2:30 **The Behavior of Fractures and Weak Planes in Response to Thermal and Mechanical Stress Changes During Drilling, Fracturing and Production:** K. Glover, A. Cui, A. Ziarani, A. Islam
- 2:50 **Investigating Geomechanical Principles of Hydraulic Fracturing Microseismicity Using Stress Inversion and Elastic Dislocation Techniques:** H. Broichhausen, E. Macaulay, C. Dunlop, R. Muir
- 3:10 **Refreshment Break**
- 3:55 **Geomechanical Simulation of Stress Shadows for Improved Hydraulic Fracture Design:** M. Voorn, R. Guises\*, W. van der Zee, T. Hoeink, J. Lynk, M. Malapad, J. Yeo, B. Palmer, T. van der Werken
- 4:15 **Geomechanical Properties of the Upper Ordovician Macasty Shale and its Caprock, Anticosti Island: A Regional Evaluation for a Promising Tight Oil Play:** D. Lavoie, S. Séjourné
- 4:35 **Correlation Between In-Situ Stress Variations and Mineralogy Along Horizontal Wells in the Woodford Shale, Oklahoma, USA:** X. Ma, M. D. Zoback
- 4:55 **3-D Geomechanics Workflow Applied to a Tight Gas Turbiditic Field, Colombia (Presented by Romain Guises):** O. Carvajal, C. Rabe, T. Pessoa, M. Di Luca, D. Ruiz
- 5:15 **Geomechanical Analysis of Fluid Injection and Seismic Fault Slip for the M4.8 Timpson, Texas, Earthquake:** Z. Fan, P. Eichhubl\*, J. F. Gale

## Theme 1: Diagenesis and Fluid Flux in Siliciclastic Sediments (SEPM)

Room Palomino E

Co-Chairs: P. Dowey and D. Keighley

- 1:45 **Introductory Remarks**
- 1:50 **Microbial Matter and Diagenesis in Organic-Rich Mudrock: An SEM and LA-ICP-MS Study:** D. Keighley, C. McFarlane
- 2:10 **Understanding the Fundamental Processes Governing the Origin and Distribution of Clay-Coated Sand Grains in Petroleum Reservoirs Through a Modern Day Analogue:** L. J. Wooldridge, R. Worden, J. Griffiths, J. Utley, R. Duller
- 2:30 **Feldspar Dissolution, Authigenic Clays and Quartz Cements in Buried Sandstones With Open or Closed Geochemical Systems:** Y. Cao, G. Yuan\*, Y. Wang
- 2:50 **Shallow to Moderate Burial Diagenesis and Lithification Processes in a Mixed Carbonate/Siliciclastic Slope Succession in the Canterbury Basin, New Zealand:** K. Marsaglia, G. Browne\*, S. George, D. Kemp, J. Jaeger, D. Carson, M. Richaud, I. Shipboard Scientists

- 3:10 **Refreshment Break**
- 3:55 **Diagenetic History and Reservoir Quality of the Phacoides Sandstone, Temblor Formation, McKittrick Oil Field, California:** A. B. Kaess, R. A. Horton\*
- 4:15 **Correlation, Mapping and Interpretation of Geochemically Distinct Intervals Within the Duvernay Formation:** H. J. Corlett, T. Playter, K. MacCormack, D. Rokosh, J. Pawlowicz
- 4:35 **New Insights on the Reservoir Geology, Mineralogy and Geochemistry of the Dentale and Gamba Formations (Early Cretaceous, Gabon) and Their Implications for Regional Geology and Pore-Scale Characterization:** G. Zaroni, B. Segvic, A. Moscariello\*, L. Tranchet
- 4:55 **Predicting Clay Mineralogy Distribution in Deeply Buried Sandstone Reservoirs Using a Modern Estuarine Analogue Approach:** J. Griffiths, R. Worden, L. Wooldridge, J. Utley, R. Duller
- 5:15 **Clastic Pipe Diagenesis of the Jurassic Carmel Formation, Southern Utah:** D. F. Wheatley, M. A. Chan

## Theme 1: Applied Micropaleontology and Ichnology (SEPM)

Palomino F/G/H

Co-Chairs: L. Buatois, M. Gingras and J. MacEachern

- 1:45 **Introductory Remarks**
- 1:50 **Benthic Foraminiferal Biostratigraphy and Morphogroup Response to Spatial and Temporal Variations in Paleo-Redox Conditions Within the Upper Cretaceous Kanguk Formation, Canadian Arctic Archipelago:** M. A. Davies, C. J. Schroder-Adams, J. O. Herrle, P. Hülse, A. Quesnel
- 2:10 **A Paleobiological Approach to Modeling Giant Dolomite Reservoirs in Mississippian Outer Ramp Carbonates, Upper Midale Beds, Weyburn Oilfield, Saskatchewan:** A. Keswani, G. Pemberton
- 2:30 **The Trace Fossil Fauna of the Early to Middle Permian Tinat Member of the Nuayyim Formation in Subsurface Saudi Arabia: Towards a Mechanism for Colonization of Inland Arid to Semiarid Environments:** C. Polo, J. Melvin, A. Rees, M. Gingras, G. Pemberton
- 2:50 **A Stratigraphic Model for the Labrador Margin, Offshore Eastern Canada: Integrating Paleoenvironmental Interpretations, Biostratigraphy and Seismic Data:** L. Dafoe, G. L. Williams, K. Dickie, C. Keen
- 3:10 **Refreshment Break**
- 3:55 **Streamlining Data Collection and Interpretation of Quantitative Process Ichnology Datasets:** E. R. Timmer, E. Ditzler, B. Harris, M. Gingras, J. Zonneveld
- 4:15 **Bioturbation Influence on Permeability Distribution within the Lower Triassic Montney Formation of the Western Canadian Sedimentary Basin:** C. M. Furlong, F. Alexander, A. Gegolick, M. Gingras, D. Prenoslo, S. C. Sanders, J. Zonneveld
- 4:35 **Sedimentological and Ichnological Characteristics of the Inner Estuary, Fluvio-Tidal Transition and Riverine Reach of the Ogeechee River Estuary, GA, USA:** A. Shchepetkina, M. Gingras, G. Pemberton
- 4:55 **Desiccation Cracks: Microbially Induced Compared to Sterilized Sediment:** O. Kovalchuk, G. W. Owttrim, K. Konhauser, M. Gingras
- 5:15 **Ichnofossils of a Wet Desert Depositional System, Lower Jurassic Navajo Sandstone, Southeastern Utah:** S. T. Hasiotis, J. Parrish, M. A. Chan

# TECHNICAL PROGRAM TUESDAY

\*Denotes presenter is other than first author

## Tuesday Poster Sessions

Presenters in their booths 9:30 a.m.–11:00 a.m. and 3:00 p.m.–4:30 p.m.

### Additional AAPG Student Research Poster Session I

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: A. Janevski and A. Sullivan

- P1** Petrophysical Characterization of the Upper Cretaceous Second White Specks Alloformation, Willesden Green Area, Alberta: An Updated Workflow for Anisotropic Fine-Grained Reservoirs: K. Marion, B. Cheadle
- P2** The Effect of Tides on Deltaic Morphology and Stratigraphy in River-Dominated Conditions: V. M. Rossi, W. Kim, M. R. Hiatt, P. Passalacqua, D. Edmonds, J. Leva López, C. Olariu, R. Steel, N. Geleyne
- P3** Active Microplate Boundaries Associated With the Southward Offshore Extension of the East African Rift System and the Distribution of Offshore Hydrocarbon Discoveries in East Africa: Z. S. Martindale
- P4** Source Rock and Geochemistry of the Central Atlantic Margins: Geochemical Characterization of Lower Jurassic Organic-Rich Facies Offshore Ireland: C. A. Carlisle, R. Silva, G. Wach
- P5** Physical Modeling of a Prograding Delta on a Mobile Substrate: E. Jung, W. Kim
- P6** Influence of Sedimentary Fabric on Fracture Characteristics of Two Thick Shoreface Deposits of the Lower Cretaceous Moosebar Formation, West Central Alberta: J. K. Sie, P. K. Pedersen
- P7** Temporal Variation in U-Pb Geochronology of the Norphlet Formation in the Eastern Gulf of Mexico, Mobile Bay: Connection Between Sediment Provenance and Reservoir Quality: S. W. Gomes, A. Weislogel, D. M. Robinson, D. Barbeau
- P8** Digital Outcrop Model of the Eagle Ford Group, Lozier Canyon, West Texas: D. Davis, J. C. Laya, M. C. Pope, B. Hart, A. D. Donovan
- P9** Natural Fractures Within the Souris Valley Marker Bed 'B', Lodgepole Formation, Southern Saskatchewan, Canada: S. L. Bend, S. Johnson\*
- P10** Unraveling Fluvial Complexity Using Unmanned Aerial Vehicles and Structure-From-Motion Photogrammetry: An Example From the Salt Wash Member of the Morrison Formation, East-Central Utah: J. T. Chesley, C. Heinze, A. Leier

### Additional AAPG Student Research Poster Session II

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: A. Janevski and A. Sullivan

- P11** Miocene Ash Beds in The Central Gulf of Mexico: Case Study and Analysis: M. A. Gutierrez, J. I. Guzman, D. Sawyer
- P12** Experimental Investigation of Lithology Variations on Shale Gas Generation and Retention From Immature Shales Maturation Under Anhydrous Gold-Tube Pyrolysis: D. Shao, T. Zhang
- P13** Seismic Modeling of Petrophysical and Stratal Complexity of Isolated Carbonate Platforms: A. M. Duarte, S. R. Herbst, H. A. Eltom, E. C. Rankey
- P14** Ground-Based Hyperspectral Remote Sensing and Terrestrial Laser Scanning of the Eagle Ford Formation: L. Sun, S. Khan, D. Hauser, C. Glennie
- P15** Basin-Scale Mineral and Fluid Processes at a Mississippian Platform Margin: C. J. Breislin, C. Hollis, J. Marshall, A. Juerges, V. Banks, J. Riding
- P16** Nano-Scale Pore Structure Evolution of Middle Devonian Organic-Rich Black Shale Through Thermal Maturation: L. Song, T. Carr
- P17** Petroleum System Analysis of the Poorly Developed Chagan Sag in Yingen-Ejinaqi, Northern China: Z. Niu, G. Liu, D. Guo, P. Wang, Z. Cao, K. Zhang
- P18** Distinct Growth Phases of an Upper Cambrian Microbial Reef Complex; Depositional Environment Indicators (James River, Mason County, Texas): H. H. Hopson, P. Khanna, J. M. Proctor, A. W. Droxler, D. J. Lehrmann, P. Harris

- P19** Uppermost Pleistocene Coralgall Reefs and Upper Cambrian Microbial Bioherms: Morphologies and Sea Level-Induced Evolution: P. Khanna, A. Droxler, D. J. Lehrmann, J. Nittrouer, P. Harris
- P20** Insights to a Complex Mesozoic sedimentary system: 2D and 3D seismic imaging coupled with petrophysical data from deep wells, the Scotian Basin, Nova Scotia (Canada): J. Wong, R. Silva, G. Wach
- P21** Eolian Reservoir Models: A Study of the Heterogeneity and Reservoir Characterization of the Red Head Sandstone, Five Islands, Nova Scotia: K. Martyns-Yellowe, D. O'Connor, G. Wach
- P22** Formation and Evolution of Strandplain Grainstones and Facies Variability Along the Leeward Margin of West Caicos, BWI: N. Danger, C. Kerans, S. Bachtel, C. Zahm

### Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: C. Clarkson and A. Pierre

- P23** An Integrated Chemostratigraphic and Magnetic Study of the Wolfcamp Formation, Midland Basin, Texas: What Can These Tools Tell Us About Sequence Stratigraphy and Fabric Anisotropy?: G. Heij, B. W. Turner, R. D. Elmore
- P24** TOC Prediction Analysis of Utica-Point Pleasant Formations in the Appalachian Basin: G. Wang, A. Shahkarami\*, J. Bruno
- P25** Hyperspectral Core Imaging: Spanning the Gap From Plug to Log to Reservoir Scale: J. A. Bellian, B. Martini, L. Canter, R. Carey, D. Katz, P. Rodrigues, J. Curnow, M. Jung, M. Guisinger
- P26** Advancement of Hydraulic Fracturing Optimization Shows Promising Economics in Tight Bakken Formation: Y. Li, H. Pu\*
- P27** Simultaneous Measurement of Elastic and Electrical Anisotropy of Shales Under Elevated Pressure: A Preliminary Study: L. Ou, Q. Niu, M. Prasad, J. Quirein, N. Mekic, J. Hou, M. E. Far, M. Gu
- P28** Understanding the Implications of Changes in Shale Geomechanical Properties With Fracturing Fluid: R. Keshavarzi, R. Chalaturnyk, A. A. Moghadam
- P29** Feasibility Study of CO<sub>2</sub> Enhanced Shale Gas Recovery: B. Kong
- P30** Inorganic Geochemistry as Technique to Preliminary Assessment of Shale Plays in Cretaceous Source Rocks in the Eastern Cordillera Basin, Colombia: H. A. Rivera Rosado, L. K. Sanchez Caballero, N. S. Suárez Nieto, A. Piragua Alarcón
- P31** Ultrasonic Vertical Transverse Isotropy in High TOC Mudstones From the Vaca Muerta Formation, Argentina: R. J. Weger, M. Tenaglia, P. Swart, G. Eberli
- P32** Mapping Duvernay Mineralogy: From Core to Log to Field: L. Song, D. Rees, R. Kukulski, M. Donovan
- P33** Core-Scale Modelling of Permeability on Highly Bioturbated Tight-Oil Samples, Burrow Pathways and Connectivity in the Cardium Formation, Pembina Field: N. A. Solano, M. Soroush, F. F. Krause, C. R. Clarkson
- P34** Applying Rock Physics Towards Seismic Characterization: Case Study From an Unconventional Resource, Neuquén Basin, Argentina: T. Santana, R. J. Weger, S. Gandi, A. D'Odorico, A. P. Kautyian Ziyisyian
- P35** Pitfalls in Geological Mapping Within Unconventional Plays: R. Brinkerhoff
- Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)**  
Hall C 9:00 a.m.–5:00 p.m.  
Chair: K. Choi
- P47** A Hierarchical Classification Scheme for the Sedimentary Architecture of Fluvial Crevasse-Splay Deposits: C. Burns, N. P. Mountney, D. Hodgson, L. Colomera
- P48** Toward a Higher Resolution Understanding of Coarse Grain Fluvial Point Bars as Resolved by GPR: P. D. Duff

# TECHNICAL PROGRAM TUESDAY

\*Denotes presenter is other than first author

- P49 Prediction of Fluvial Point-Bar Internal Architecture and Heterogeneity From Outcrop and System-Independent Morphometric Analysis of Meander Bends:** C. E. Russell, N. P. Mountney, D. Hodgson, L. Colomera
- P50 Numerical Model for Prediction of Internal Stratigraphic Architecture and Heterogeneity in Tidally Influenced Fluvial Point-Bar Deposits:** N. Yan, N. P. Mountney, R. Dorrell, L. Colomera
- P51 Origin and Scaling of Surfaces and Heterogeneity in a Fragmentary Point Bar From 3-D Architectural-Element Analysis, Late Cretaceous Dinosaur Park Formation Within Dinosaur Provincial Park, Alberta, Canada:** A. Torres, M. Palmer, J. Holbrook, P. Durkin, S. M. Hubbard
- P52 Modelling and Characterization of a Fluvial Low Net-to-Gross Reservoir: The Case Study of a Mature Oil Field for EOR in the Bajo Barreal Formation, Golfo San Jorge Basin, Argentina:** R. E. Lehu, G. Pedersen, D. Ancheta, A. Saccomano, G. Vocaturo, A. Limeres, F. D'Andrea, C. Bernhardt, D. Astesiano, D. Perez, A. Thompson, A. Moscariello
- P53 New Insights Into the Cretaceous Rayoso Formation: A Regional Overview of a Large Fluvial Fan and Implications for Reservoir Prediction:** P. Barros, H. J. Campos, G. Pedersen, P. Plink-Bjorklund, A. Moscariello, E. Morettini
- P54 Fluvial Sandbody Connectivity: Observations From High Resolution 3-D Seismic of Dynamic Channel Fill Abandonment in the North Malay Basin:** R. Zhai, J. D. Pigott, K. L. Pigott
- P55 Autogenic and Allogenic Fluvial-lacustrine Interactions: Revisiting Sunnyside Delta Interval, Green River Formation (Eocene), Uinta Basin, Utah:** J. Wang, P. Plink-Bjorklund
- P56 Controlling Factors and Mechanisms in the Formation of a Muddy-Normal Point Bar: A 3-D Architectural-Element Analysis of a Heterolithic Point Bar in Dinosaur Provincial Park, Alberta, Canada:** S. Johnston, J. Holbrook, B. Warwick
- P57 Evolution of Fluvial Meander Belt Deposits With Implications for the Completeness of the Stratigraphic Record:** P. Durkin, J. Holbrook, S. M. Hubbard, R. Boyd
- P58 Wet Avulsion Sequences in the Cretaceous-Paleogene Raton Formation, Colorado:** R. J. Horner, J. Holbrook
- P59 3-D Geomorphology of Pleistocene Fluvial Systems in the Northern Shelf of the South China Sea: Implications for the Mid-Pleistocene Climate Transition:** H. Zhuo, Y. Wang, H. Shi, M. He, W. Chen, Y. Wang
- Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)**  
Hall C 9:00 a.m.–5:00 p.m.  
Co-Chairs: B. Arnott, S. Hubbard and Z. Sylvester
- P65 Linking Vertical Grain Size Sorting in Turbidity Currents to Grain Size Distribution of Submarine Channel Deposits:** J. de Leeuw, J. Eggenhuisen, F. Pohl, M. Cartigny
- P66 Variation in Depositional Pattern of Experimental Turbidity Currents Going Through a Break-of-Slope as a Function of Their Efficiency:** F. Pohl, J. Eggenhuisen, J. de Leeuw, M. Cartigny, F. Tóth, N. Hermidas
- P67 Bypass Dominated Slope Channel Complexes Exhibit Progradational Channel Fill Style, Eocene Forearc Basin, California:** K. Ono, P. Plink-Bjorklund
- P68 Seismic Characteristics of Large-Scale Sand Injectites in Baiyun Sag, Pear River Mouth Basin, South China Sea:** C. Zhang, R. Zhu, B. Yang, S. Li, S. Zhang, J. Du, H. Shi
- P70 The Control of Terminal Splay Sedimentation on Depositional Patterns and Stratigraphic Evolution in Avulsion Dominated, Deep-Marine Basin-Floor Systems:** V. Terlaký, B. Arnott
- P71 Lateral and Vertical Changes in Deep Marine Levee Deposits – Where Intuition and Geological Reality Diverge: Neoproterozoic Isaac Formation, Windermere Supergroup, B.C., Canada:** A. Bergen, B. Arnott
- P72 Depositional Character, Distribution and Significance of Hybrid Event Beds: Springar Formation, NW Vøring Basin, Norwegian Sea:** S. J. Southern, I. Kane, M. Warchol, K. Porten, W. D. McCaffrey
- P73 Complex Depositional History of a Sinuous, Conglomeratic Submarine Slope Channel:** G. Bozetti, I. Kane, B. Kneller
- P74 Using Synthetic Seismic Models of Channelized Deepwater Slope Deposits to Inform Stratigraphic Interpretation and Reservoir Modeling:** A. Nielson, L. Stright, S. M. Hubbard, B. Romans
- P75 Reservoir Architecture of Deep Marine Deposits in a Rift Basin: An Outcrop Study From East Greenland:** G. A. Henstra, A. Rotevatn, S. Grundvåg, I. Midtkandal, T. Berg Kristensen
- P76 Multi-Pulsed Turbidity Currents – Flow Dynamics and Geological Implications:** V. Ho, R. Dorrell, G. Keevil, A. Burns, W. D. McCaffrey\*
- P77 Evolution From Confined to Relatively Unconfined Strata in a Distal Slope Setting, Magallanes Basin, Chilean Patagonia:** S. Jancuska, B. Romans, N. C. Auchter, S. M. Hubbard, L. Stright
- Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)**  
Hall C 9:00 a.m.–5:00 p.m.  
Co-Chairs: C. Fraticelli and J. Snedden
- P88 Continental-Marine Correlations and Climate Signals in the Palaeogene Foreland of the South Pyrenees, Spain:** L. Honegger, S. Castellort, J. Clark, T. Adatte, C. Puigdefábregas, M. Dykstra, A. Fildani, J. Spangenberg
- P89 High-Resolution Geochemistry and Petrography of a Miocene Succession From the Central Argentinian Foreland (Mendoza Province, Argentina): A Compositional Approach to Deciphering Forcing Factors:** G. Hunger, D. Ventra, A. Moscariello
- P90 Lower Miocene Sediment Dispersal Pathway From Onshore to Offshore, Gulf of Mexico: Insight From Detrital Zircon Geochronology:** J. Xu, J. W. Snedden, D. F. Stockli, C. Fulthorpe
- P91 Controls on Sediment Distribution From Source-to-Sink in an Active Extensional Setting: The Sperchios Rift, Central Greece:** S. Pechlivanidou, P. Cowie, R. Gawthorpe, A. Whittaker
- P92 Mitigating Early Cretaceous Reservoir Risk Along the Offshore Morocco Passive Margin Through Analysis of the Coastal Delivery Systems Exposed in the Agadir-Essaouira Basin:** T. L. Lubber, J. Redfern, L. Bulot, A. Arantegui, R. Charton, G. Bertotti
- P93 Application of Large-N Detailed Max Depositional Age (MDA) Calculation to Determine Sedimentary Rates of a Deepwater Conduit:** D. Coutts, S. M. Hubbard, W. Matthews, H. Bain, B. Guest
- P94 The Falkland Plateau Basin Linked Shelf to Deepwater Depositional Systems – Controlling Mechanisms, Stratigraphic Packaging and Petroleum Potential:** C. M. Fraticelli, Y. Yusri, S. Miller, S. Salamoff, D. J. Yezerki, J. A. Mercer, J. Reece, J. Bova, J. Gomez
- P95 Sedimentation in Structurally-Confined Narrow Basins: Toward the Identification of Uncommon Depositional Systems:** S. G. Longhitano, C. I. Casciano, D. Chiarella, L. Sabato, M. Tropeano
- P96 Regional Correlation of Facies Within the Haynesville Formation From Onshore Alabama: Analysis and Implications for Provenance and Paleo-Structure:** C. W. Essex, D. M. Robinson, A. Weislogel, D. Barbeau
- P97 Paleo-Orinoco Shelf-Margin Growth – Process Regimes and Delta Evolution:** S. Chen, R. Steel, C. Olariu
- P98 Reconstruction of Sediment Provenance and Pathway From Source-to-Sink: Example of the Tremp-Graus-Ainsa Basins, Southern Pyrenean Foreland Basin, Spain:** M. Perret, B. Segvic, S. Castellort, C. Puigdefábregas, A. Moscariello, J. Clark, A. Fildani, M. Dykstra
- P99 Changes in Eocene Sediment Supply to the Northern Gulf Coast and Implications for Petroleum Systems:** W. Craddock, J. L. Coleman, M. L. Buursink, C. B. Enomoto, C. A. Doolan, A. R. Kylander-Clark

# TECHNICAL PROGRAM TUESDAY

\*Denotes presenter is other than first author

## Theme 2: Advances in Carbonate Diagenesis (SEPM)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: C. Jacquemyn and R. Loucks

- P114 **Intrastratal Dedolomite and Secondary Gypsum in the Prairie Evaporite Formation of Northeastern Alberta: Diagenesis in a Carbonate-Sulphate System:** T. E. Hauck, H. Corlett, M. Grobe
- P115 **Diagenetic Pathways in Heterozoan Carbonates:** T. D. Frank
- P116 **Can Diagenesis Restart After Hydrocarbon Emplacement? An Example From the Mauddud Formation, Kuwait:** S. M. Behbehani, C. Hollis
- P117 **A Diagenetic Origin for  $\delta^{18}O$  Variability on the Margins of the Great Bahama Bank, Insights From Clumped Isotopes:** P. T. Staudigel, P. Swart, H. Elderfield
- P118 **Assessing and Calibrating the ATR-FTIR and CL-EDX Approaches as Carbonate Reservoir Characterization Tools and for Diagenetic Applications:** D. Henry, C. M. John\*, J. Watson, C. Jacquemyn
- P119 **Evaluation of Mercury Intrusion and Capillary Pressure Results: Development of a New Methodological Approach for Analyzing Carbonates:** C. Manche, S. E. Kaczmarek
- P120 **Genesis and Morphology of Intracrystalline Nanopores and Mineral Micro Inclusion Hosted in Burial Dolomite Crystals: Application of Broad ION Beam-Scanning Electron Microscope (BIB-SEM):** B. J. Olanipekun
- P121 **Lacustrine Lithofacies, Depositional Processes and Diagenesis of the Uteland Butte Member, Uinta Basin:** K. Logan, R. Sarg
- P122 **A Quantitative Study of the Creation of Secondary Porosity in Carbonate Reservoirs by Dolomitization and Mesogenetic Dissolution:** Y. Chen, B. J. Katz

- P123 **Paleogeography, Burial History, Porosity Development and 35 Years of Production History From the Middle Devonian Slave Point Formation at Slave Field, Near the Peach River Arch, Alberta:** J. B. Dunham, N. Watts
- P124 **Geometries and Origin of Young Dolomite in an Isolated Carbonate Platform, Bonaire, Southern Caribbean:** J. C. Laya, F. Whitaker, J. Sulaica, T. Gabellone, M. Tucker
- P125 **Foram Farming: Calibration of the Foraminiferal Paleo-Thermometer to Estimate Deep-Time Glacioeustasy:** D. Jennings, F. Hasiuk
- P126 **Chemostratigraphic and Tephrochronologic Record of Cenomanian-Turonian Eagle Ford, South Texas, USA:** M. Nieto, H. Rowen
- P127 **Understanding the Geological Basis of the Iowa Pore Index:** M. F. Ahmad Ridzuan, F. J. Hasiuk, R. Dawson
- P128 **Carbonate Stratigraphy and Organic Matter Preservation Within the Scotian Margin, Offshore Nova Scotia:** T. J. Campbell, R. Silva, G. Wach
- P129 **Porosity Distribution in the Carbonate Sequence Stratigraphy Framework: A Case Study from Platform Margin in Lianglitag Formation of Upper Ordovician, Tazhong Area, Tarim Basin, NW China:** Q. Haizhou, W. Zhenyu, P. Wenqing, Z. Yunfeng, Z. Zhenghong, W. Xi

## Theme 6: Geostatistics of Unconventional Plays (AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Chair: S. Lyster

- P60 **Integrating Probabilistic Neural Networks and Generalized Boosted Regression Modelling for Lithofacies Classifications and Formation Permeability Estimation:** W. J. Al-Mudhafar

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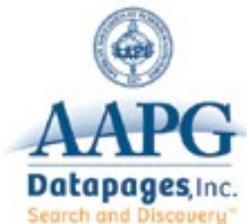
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# TECHNICAL PROGRAM TUESDAY

\*Denotes presenter is other than first author

- P61 Integrated Fieldwide Optimization of Wellbore and Hydraulic Fracture Placement in Shale Gas Reservoirs:** T. Plaksina
- P62 The Cardium Formation Production and Injection Database. Gas to Oil Ratios, Production Forecasting and GOR Risk Assessment:** C. A. Rojas Aldana, F. F. Krause, R. O. Meyer
- P63 Data Mining Methodologies to Reduce the Uncertainty of Reservoir Selection:** J. Fei, J. Yarus, R. Chambers
- P64 Uncertainty Analysis in Geological Surface Modeling:** M. Babakhani

## Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: P. Hackley and K. MacCormack

- P130 The Impact of Thermal Maturity and Burial on the Pore Size Distribution and Matrix Permeability of Organic-Rich Mudrocks of the Duvernay Formation, Alberta:** E. Munson, R. Bustin
- P131 A Multiscale Method for Characterizing Shales by Downscaling and Upscaling Statistically Sampled Datasets From Multiple Imaging Modalities:** S. Bhattiprolu, A. Steinbach, B. Tordoff
- P133 NMR Cryoporometry: An Alternate Non-Destructive Technique for the Measurement of Pore Size Distribution in Shales (Presented by W. Sassi):** M. Fleury, E. Kohler
- P134 Multi-Scale Investigation of Shale Using an Integrated SEM and Machine Learning Approach:** T. Cavanaugh
- P135 Evolution of Pores in Organic-Rich Shales During Thermal Maturation:** H. Tian, S. Zhang, K. Liu, S. Liu, L. Gao
- P136 Micro to Nano-Scale Characterization of the Late Jurassic-Early Cretaceous Vaca Muerta Formation, Neuquén Basin, Argentina:** E. Hernandez Bilbao, J. D. Humphrey
- P137 The Role of Organics on the Sorption Capacity of Paleozoic Shales From Upper Yangtze Region, China:** S. Wang, Z. Song
- P138 Flow Behavior of Water Through Nanopores of Unconventional Reservoirs: Confinement and Slip Effects:** K. Wu, Z. Chen, X. Li
- P139 Gas Transport Through Nanopores of Shale Gas Reservoirs: Coupling Pore Diffusion and Surface Diffusion:** K. Wu, Z. Chen, X. Li
- P140 Potentially Conductive Grain Boundary Channels in Fracture Cements of Low Permeability Rocks:** E. Wright, C. J. Landry, P. Eichhubl
- P141 Effects of Oil and Water on Mudrock Pore Size Distribution and Pore-Scale Fluid Distribution:** T. Zhang, X. Wang, X. Sun, K. L. Milliken, S. C. Ruppel, D. Enriquez
- P142 Reassessment of the Nuclear Magnetic Resonance (NMR) Fluid Typing Methods in Shale:** M. Mehana, I. El-Monier
- P143 Liquid Dropout In Gas Condensate Reservoirs: A Pore Scale Approach:** S. Etemad, K. Apostolos, H. Hossein

## Theme 7: Oil Sands (EMD)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: M. Blum, S. Dashtgard and M. Webb

- P100 In-Situ Stress Field in the Athabasca Oil Sands Deposit and its Overburden Formations, Northeastern Alberta, Canada:** B. Xu, Y. Yuan
- P101 The Discontinuity Layout Optimization Technique for SAGD Caprock Integrity Analysis:** S. Yao, J. Xiong, R. Chalaturmyk
- P102 Non-Saline Water Use and Oilsands Development, Past, Present and Future:** A. Lemay, A. Honarvar
- P103 An Integrated Study of Core and Well Log Data to Characterize Oil Sands in a Research Wellbore at Kearsley Mine:** P. Guo, S. Zheng, M. Nicholis\*
- P104 Reservoir Modeling to Investigate the Impacts of Geological Properties on Steam-Assisted Gravity Drainage (SAGD) at the Orion Project, Lower Cretaceous Clearwater Formation, Alberta:** Z. Wang

- P105 Rock Properties From Well Logs Using Implicit Predictive Modeling Technique to Reduce Massive Coring Operations in Oil-Sand Mining:** S. Ye, C. Dicaprio\*
- P106 Study on the Efficiency of Radio-Frequency Electromagnetic Field for Heat Treatment of Heavy Oil and Bitumen:** L. Kovaleva, A. Musin, V. Kireev
- P107 Statistically Improved Resistivity and Density Estimation From Multicomponent Seismic Data: Case Study From the Lower Cretaceous McMurray Formation, Athabasca Oil Sands:** F. Mayer, C. C. Dumitrescu\*, G. Cain
- P108 Regional Subsurface Mapping of the Clearwater Formation, Lower Cretaceous, Northeast Alberta:** B. Hathway
- P109 The Hartselle Sandstone, Alabama's Oil Sands Resource:** C. H. Hooks, D. J. Hills, M. R. McIntyre-Redden
- P110 Architecture and Sequence Stratigraphic Framework of the Oil Sands at the Hangingstone SAGD Project, Alberta, Canada:** T. Tsuji, S. Watanabe
- P111 Forecasting Oil Sands Development Using a Granular Operator and Phase-Level Approach:** M. Oberstoetter
- P112 Application of Hyperspectral Imaging for the Detection of Coal in Oil Sand Drill Core:** P. Hauf, B. Rivard, R. Stancliffe, M. Speta
- P113 Medium-scale tidally influenced meandering fluvial deposits of the middle McMurray Formation, Hangingstone SAGD project, Alberta, Canada:** S. Watanabe, T. Tsuji

## Theme 3: Environmental Practices and Sequestration (DEG)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: B. Haskett and F. Marechal

- P78 Sedimentology of the Upper Cretaceous Basal Foremost and Medicine Hat Formations in Newell County, Alberta: Implications for a Carbon Capture and Sequestration Monitoring Program:** B. Montgomery, P. K. Pedersen, D. C. Lawton, K. G. Osadetz
- P79 Fracking: Minimizing the Risk:** S. Murray
- P80 The Mississippian Thick Cypress Sandstone: A Nonconventional CO<sub>2</sub>-EOR Target in the Illinois Basin:** N. D. Webb
- P81 Geologic Architecture of the High Plains Aquifer, Northeastern Texas Panhandle: Implications for Implementation of Surface and Airborne Monitoring Techniques:** J. Meng, J. C. Pashin
- P82 Treatment of Grey Water Using Jordanina Natural Zeolites:** N. A. Hammad
- P83 In-Situ, Micron-Scale Analyses of Carbonate  $\delta^{13}C$  by SIMS: A Method for Identifying Carbonate Cements That Form in Response to CO<sub>2</sub> Injection at the Illinois Basin Decatur Project Site:** M. Sliwinski, K. Kitajima, R. Kozdon, A. C. Denny, M. Spicuzza, J. W. Valley
- P84 Characteristics and Influence Factors of Geotemperature Field in Dongying Sag Jiyang Depression, North China:** Z. Duan
- P85 Geosynthesis – Modern Origin of Hydrocarbons and Practical Use of This Phenomenon Aspects in Oil and Gas Development:** V. A. Serebryakov
- P86 Emerging CO<sub>2</sub> Sequestration Techniques in Bakken Unconventional Reservoirs: An Enormous Opportunity Yet Materialized:** H. Pu, Y. Li
- P87 Weyburn Oilfield Core Assessment Investigating Cores From Pre and Post CO<sub>2</sub> Injection; Determining the Impact of CO<sub>2</sub> on the Reservoir:** G. Jensen

## Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: R. Buzea and Q. Chou

- P36 Predicting Clearwater Formation Natural Fracture Intensity, Athabasca Oil Sands Area:** Q. Chou, A. Altosaar, K. Gillen

# TECHNICAL PROGRAM TUESDAY & WEDNESDAY

\*Denotes presenter is other than first author

- P37 A Structural Framework for Interpreting the Spatial Distribution and Geochemical Variation of Natural Gas and Salt-Rich Groundwater in Shallow Aquifers of South-Central New York:** R. L. Kreuzer, T. Darrah, A. Vengosh, G. Mitra, R. Poreda
- P38 Fracture Patterns and Petrophysical Properties of Carbonates Undergoing Regional Folding: A Case Study From Kurdistan, North Iraq:** A. Awdal, D. Healy, G. Alsop
- P39 Clastic Injectites: Fracture Mechanics, Subsurface Architecture, and Implications for Basinal Fluid Flow:** S. L. Cobain, D. Hodgson, J. Peakall
- P40 The Influence of Crack Geometry on Production of Hydraulically Fractured Shale Gas Reservoirs:** S. Nazary Moghadam, A. A. Moghadam, R. Chalaturnyk
- P41 Revisiting Sampling Bias in Fracture Networks Representation:** O. J. Ortega, R. Wilson, P. Zarian
- P42 The Use of Topology in Analysing Fault and Fracture Networks: Characterization and Connectivity:** C. W. Nixon, D. J. Sanderson, R. Gawthorpe, E. Finch, A. Rotevatn
- P43 Damage Model for Reservoir With Multisets of Natural Fractures and its Application in Hydraulic Fracturing Simulation:** X. Shen
- P44 Predicting Fracture Network Characteristics in Unconventional Plays in Frontier Basins Using 3-D Seismic Data and Structural Modeling:** S. Khatri, C. M. Burberry
- P45 Characterizing Fracture Networks in a Normal Fault Splay Zone:** R. Andrea, Y. Liu, M. Murphy
- P46 A Different Perspective on Critically Stressed Fractures and Their Impact on Fluid Flow:** K. Bisdom, G. Bertotti, H. Nick

## Wednesday Morning Technical Sessions

### Theme 2: Advances in Carbonate Diagenesis (SEPM)

Hall B, Room 1

Co-Chairs: J. Bishop and C. Hollis

- 8:00 Introductory Remarks**
- 8:05 Diagenetic Evolution of the Cangulo Formation Pre-Salt Carbonates (Onshore Namibe Basin, Angola):** V. Baqués, M. Moragas\*, L. Fabio, M. Zeller, D. Hunt, E. Casciello, J. Vergés, I. Cruz, G. Messenger, I. Sharp, S. Higgins, U. Freitag, H. Ferreira, V. Machado
- 8:25 Spatial Distribution of Diagenetic Geobodies in Carboniferous Host Rock, Picos de Europa, Northern Spain:** V. Vandeginste, A. Peskin, G. J. Hampson
- 8:45 Constraints on the Burial History of Tengiz Field From Clumped Isotope Paleothermometry:** J. W. Bishop, T. Playton, D. Katz, W. Narr, E. Earnest-Heckler, J. Dickson, K. Snell, K. Bergmann, J. Eiler
- 9:05 Clumped Isotope Paleothermometry in Bahamian Dolomites:** S. Murray, P. Swart
- 9:25 Refreshment Break**
- 10:10 A Case for Caution When Using Geochemical Models to Make Predictions About Dolomite:** S. E. Kaczmarek, F. F. Whitaker, M. Avila, D. Lewis, P. J. Saccoccia
- 10:30 Hydrothermal Dolomitization Paradigms and the Manetoe Dolomite: Are All HTDs Fault-Related?:** D. Morrow

- 10:50 Depositional and Diagenetic Investigation of a Tertiary Isolated Carbonate Platform, Evidence for Significant Gas-Charge-Related Dolomitization:** J. M. Rivers, L. Meyer, D. Walley, J. Anthony, S. Becker
- 11:10 Application of Quantitative 2-D Image Analysis to Geologic Core Description: Example From Steamflooded First Eocene Reservoir, Wafra Field, Kuwait-Saudi Arabia Partitioned Zone:** R. J. Barnaby

### Theme 6: WCSB Unconventional Plays (EMD)

Hall B, Room 2

Co-Chairs: L. Dunn and D. Rokosh

- 8:00 Introductory Remarks**
- 8:05 Western Canada Resource Plays: The Phoenix Awaits:** M. Fockler, B. McKenzie
- 8:25 Reservoir Facies Impact on Drilling, Completion and Production in the Cardium Tight Oil Play:** R. D. Czipionka, D. Gulewicz, D. Keith, M. Rey
- 8:45 Comparison of Geological Factors Affecting Production in the Cardium Tight Light Oil Play, Alberta, Canada:** P. K. Pedersen, R. Van, H. Nicholas, A. Fraser, J. Fic
- 9:05 TBD**
- 9:25 Refreshment Break**
- 10:10 Determination of Reservoir Properties From XRF Elemental Data in the Duvernay Formation:** T. Weedmark, R. Spencer
- 10:30 Grey: De-Risking the Duvernay Formation Oil Window Through an Integrated Core Analytics, Petrographic and Geochemical Approach:** L. Dunn, C. Fairhurst, N. Marcano, C. DeBuhr, F. F. Krause
- 10:50 Souring of Kaybob Duvernay Wells: Investigation of Frac Barrier Effectiveness, Completions Design and Pre-Duvernay Structural Features:** G. R. Chalmers
- 11:10 Stratigraphic Architecture and Sedimentology in Relation to the Mid-Montney Sequence Boundary in Northeast British Columbia:** A. Gegotick, C. M. Furlong, M. Gingras, D. Prenoslo, S. C. Sanders, J. Zonneveld
- 11:30 Strategies for Success in Unconventional Plays With Examples From the Montney Formation in Western Canada:** D. Russum, L. Boyd, J. Cantin

### Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!)

Hall B, Room 3

Co-Chairs: W. Dow, A. Hosford Scheirer and K. Peters

- 8:00 Introductory Remarks**
- 8:05 Petroleum Systems Modeling Since AAPG Memoir 60:** B. Wygrala, T. Hantschel
- 8:25 Petroleum Systems of the Scotian Basin:** M. Fowler, J. Webb, M. Obermajer, F. Monnier, A. Mort, M. Luheshi, A. MacDonald
- 8:45 Expulsion and Primary Migration of Hydrocarbons – Observations in Outcrops:** H. Læseth, P. Cobbold, N. Rodrigues, L. Wensaas, T. Leith, A. Steen, M. Gading
- 9:05 Assessment of Temporal Source Rock Variability: An Example From the Lower Jurassic Posidonia Shale:** W. Ruebsam, M. Stockhausen, L. Schwark
- 9:25 Refreshment Break**
- 10:10 All Models Are Wrong – Some Are Useful:** Z. He
- 10:30 Madison Group Source Rocks, Williston Basin, USA:** D. M. Jarvie, J. Lefever, S. H. Nordeng



## NO ELECTRONIC CAPTURING POLICY

Capturing and photographing via any electronic device or media is strictly prohibited at ACE.

Thank You!

# TECHNICAL PROGRAM WEDNESDAY

\*Denotes presenter is other than first author

**10:50 Identification of Western Canada Sedimentary Basin Petroleum Systems Using Produced Oil Geochemistry:** J. B. Curtis, J. Zumberge, S. Brown

**11:10 Experimental Investigation of the Generation and Expulsion Characteristics of Different Source Rocks and the Impact Onto the Composition of Hydrocarbons:** M. Stockhausen, R. Galimberti, L. Di Paolo, L. Schwark

**11:30 Petroleum System Analysis: What Have We Learned Since Magoon and Dow's Memoir 60?:** A. S. Pepper

## Theme 9: Practical Microseismic and 4-D Seismic (AAPG)

Hall B, Room 4

Co-Chairs: J. Davis and H. Zeng

**8:00 Introductory Remarks**

**8:05 Time-Lapse Gravity and Gravity Gradient Reservoir Monitoring:** E. Elliott, A. Braun

**8:25 Inferring Bulk Reservoir Properties From Microseismicity:** A. M. Baig, T. Urbancic, E. von Lunen

**8:45 Utilizing Microseismic Scanlines to Characterize the Fracture State in Unconventional Reservoirs:** T. Urbancic, A. M. Baig

**9:05 Characterizing Spatiotemporal Deformation in the Reservoir as Related to Hydraulic Fracture Stimulations:** A. M. Baig, T. Urbancic, L. Smith-Boughner, E. von Lunen

**9:25 Refreshment Break**

**10:10 Microseismic Event Detection and Characterization Using Sparse Surface Networks:** D. Baturan, A. Law, S. Karimi

**10:30 Microseismic Event Location Trend and Their Relationship With Sequence Stratigraphy:** J. Zhang, R. Slatt

**10:50 Fluid Substitution Modeling to Determine Sensitivity of Time-Lapse 3-D Vertical Seismic Profile Data to Injected CO<sub>2</sub>:** K. Haar, R. Balch

**11:10 Rock Physics of Bitumen Saturated Carbonates:** A. Rabbani, D. Schmitt, Z. Wang, X. Chen, O. Ong, J. Nycz, K. Gray

**11:30 Time-Lapse Imaging of Heavy Oil Reservoirs at Shallow and Deep Using Ultra-Stable Seismic Sources:** J. Kasahara

## Theme 1: Controls on Source-to-Sink Systems (SEPM)

Palomino A/B/C

Co-Chairs: C. Fraticelli and J. Snedden

**8:00 Introductory Remarks**

**8:05 Latitudinal Controls on Siliciclastic Sediment Production and Transport:** J. P. Syvitski

**8:25 Variations on a Theme – Latitudinal Impacts on Sequence Stratigraphy:** J. R. Suter, C. M. Fraticelli

**8:45 Timing Mismatch Between Facies Change and Provenance Change in Large River Systems: Implications for Reservoir Development in Evolving Catchments:** D. Macdonald, P. Robinson, U. Nicholson

**9:05 What Difference Does a Eustatic Curve Make?:** A. D. Harris, J. Covault, M. Perlmutter, Z. Sylvester, T. Sun, D. Granjeon

**9:25 Refreshment Break**

**10:10 Feeder Channel-Belts and Coeval Shelf-Edge Evolution in the Lower Wilcox Clastic Wedge, South Texas: Implications for Sand Delivery Into the Deepwater of the Gulf of Mexico:** J. Zhang, R. Steel, W. Ambrose

**10:30 Detrital Zircon Geochronology Applied to Source-to-Sink Analyses and Exploration: Insights From the Modern Mississippi River and Pleistocene Deepwater Mississippi Fan System:** C. C. Mason, J. Clark, A. Fildani, T. Gerber, M. Dykstra, M. McKay, M. Blum, D. F. Stockli

**10:50 New Insights Into the Stratigraphic and Structural Evolution of the Middle to Late Jurassic Neuquén Basin as Constrained by Detrital Zircon (U-Th)/(He-Pb) and Apatite (U-Th)/He Ages:** E. J. Pujols, V. M. Rossi, J. Leva López, R. Steel, D. F. Stockli

**11:10 The Provenance of Sands in Transcontinental Rivers: What Can Detrital K-Feldspar Tell Us?:** A. Blowick, P. Haughton, S. Tyrrell, J. Holbrook, S. Daly, P. Shannon

## Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)

Palomino D

Co-Chairs: R. Flowerday and F. Mahmoudian

**8:00 Introductory Remarks**

**8:05 Incorporating Microseismic Ruptures to Build a Discrete Fracture Network:** A. M. Baig, T. Urbancic

**8:25 Discrete Fracture Network Construction Using Microseismic Observations:** S. D. Goodfellow, S. Maxwell, M. Grob, D. Chorney

**8:45 Chemical-Mechanical Interactions in Natural Fracture Growth:** P. Eichhubl, S. E. Laubach, J. E. Olson, A. Fall, Z. Fan, J. Major, O. Callahan, X. Chen, Y. A. Alzayer, N. Doungkaew

**9:05 New Insights Into the Contribution of Sub-Seismic Faults to Deformation in the Earth's Crust:** C. W. Nixon, D. J. Sanderson, M. W. Putz-Perrier, J. M. Bull

**9:25 Refreshment Break**

**10:10 Fracture Size and Intensity Scaling From Core to DFN Model:** D. Bearinger, C. Hillier

**10:30 Calibration of Fracture Models Using Multi-Scale Outcrop Analogues – The Importance of Mechanical Stratigraphy:** R. R. Jones, J. J. Long, S. Kokkalas, S. E. Daniels

**10:50 The Distribution of Sector-Scale Permeability From Production Data Within Naturally-Fractured Folds of the Canadian Foothills:** B. Stephenson, J. Duer, C. Glemser, M. Khan, D. Repol

## Theme 2: Unconventional Carbonate Reservoirs II (SEPM/AAPG)

Palomino E

Co-Chairs: J. Hsieh and M. Mallamo

**8:00 Introductory Remarks**

**8:05 Pre-Salt Lacustrine Coquinas Limestone Reservoir of Lower Cretaceous Itapema Formation in Santos Basin, Brazil:** J. Zhang, H. Wang

**8:25 Effect of Carbonate Diagenesis on Reservoir Quality of the Middle Bakken Formation, USA:** M. Brodie, A. Aplin, J. Gluyas, B. Hart

**8:45 A Tight Carbonate Reservoir in the Mississippian Pekisko Formation: The Role of Pervasive Microvuggy Porosity:** L. Eggie, N. Chow, J. Miller

**9:05 The Middle Montney – A Dirty Old Carbonate Formation With a Secret Past?:** R. Wust, D. Kelly, A. Bonk-Richards, H. Offord, B. Collins, B. Nassichuk, J. Nieto

## Theme 1: Mudstone Diagenesis and the Role of Anoxia (SEPM)

Palomino E

Co-Chairs: S. Dashtgard and J. Schieber

**10:05 Introductory Remarks**

**10:10 Unbioturbated Carbonaceous Shales in the Cretaceous Western Interior Seaway Record Oxidic Bottom-Water Conditions:** S. E. Dashtgard, J. MacEachern

**10:30 Source Within the Seal: Organic-Rich Shales Within the Onion Creek Diapir, Moab, UT:** S. M. Hudson, T. Tuttle, M. Wood

**10:50 Petroleum Geochemistry and Mudstone Diagenesis of the Woodford Shale, Anadarko Basin, USA – An Integrated Approach:** C. D. Laughrey, P. Purrazzella

**11:10 A High-Resolution, Multi-Proxy Study of Organic-Rich Mudrocks From the Mid Cenomanian Event in North America:** S. Patel, I. Harding, J. Marshall, J. Eldrett

# TECHNICAL PROGRAM WEDNESDAY

\*Denotes presenter is other than first author

## Theme 1: Paralic and Shallow Marine Systems I (SEPM)

Palomino F/G/H

Co-Chairs: R. Dalrymple and G. Hampson

- 8:00 **Introductory Remarks**
- 8:05 **Mixed Wave, Tide and Fluvial-Influenced, Tropical Coastal-Shelf Deposition: Miocene-Recent Baram Delta Province, NW Borneo:** D. S. Collins, H. D. Johnson, P. A. Allison, A. Avdis
- 8:25 **Sedimentologic and Stratigraphic Characterization of Mixed-Energy Deltas: Example From the Lajas Formation (Argentina):** V. M. Rossi, R. Steel
- 8:45 **TBD**
- 9:05 **Morphodynamic Stratigraphy of River-Dominated Deltaic Bars:** R. L. Caldwell, D. Edmonds, J. L. Best, D. R. Parsons, R. L. Slingerland
- 9:25 **Refreshment Break**
- 10:10 **Morphological and Stratigraphic Characterization of Sandy Large-Scale Foresets (Aguero Fm., Argentina): Insights Into Short-Term Construction of Wave-Dominated Coastal Systems:** E. Schwarz, G. Veiga
- 10:30 **Are Tides Controlled by Latitude?:** R. W. Dalrymple, L. Padman
- 10:50 **Mixed Energy Process Interactions Read From a Tide-Dominated Shoreline: The Paleo-Orinoco Delta, Trinidad:** Y. Peng, R. Steel, V. M. Rossi, C. Clayton, C. Hughes
- 11:10 **Early Mesozoic Silt-Dominated Coastal Successions on the Western Margin of the North American Craton:** J. Zonneveld, T. Moslow, S. M. Hubbard, T. W. Beatty
- 11:30 **Integrating Sedimentology and Ichnology in the Beacon Supergroup, Central Transantarctic Mountains, Antarctica to Clarify Paleoenvironmental Interpretations and Refine Basin Analysis:** P. P. Flaig, S. Hasiotis, A. Jackson, D. A. van der Kolk

## Wednesday Afternoon Technical Sessions

### Theme 6: Advancement in Technology in Unconventional Plays (AAPG)

Hall B, Room 1

Co-Chairs: A. Cui and J. Nieto

- 1:45 **Introductory Remarks**
- 1:50 **Sweet-Spotting Unconventional Plays Using Geo-Microbial Hydrocarbon Detection and 4G Exploration Model:** H. Mei
- 2:10 **TBD**
- 2:30 **Water Retention Characteristics of Sedimentary Rocks and its Application for Characterization of Unconventional Reservoirs and Well Stimulation Optimization:** A. Cui, C. Twemlow, B. Nassichuk, R. Hawkes
- 2:50 **Pore Throat Controlling Liquid Yield in Shale – Mismatch Between Dry Produced Gas at Surface and Wet Gas or Condensate in the Reservoir:** J. D. Chatellier, R. Perez
- 3:10 **Porosity Calculation From Core in the Montney Formation: A New Approach:** D. Kelly, J. Nieto\*, A. Cui, C. Twemlow, B. Nassichuk
- 3:30 **Break**
- 3:55 **Rapidly Assessing Materiality and Commerciality in Organic-Rich Mudstones by Linking Geochemical Responses Back to Corresponding Acoustic and Geomechanical Rock Properties:** P. Desjardins, C. M. Achong, O. Davogustto Cataldo
- 4:15 **Proppant Damage Characterization Using Nuclear Magnetic Resonance Measurements:** A. A. Aderibigbe, K. Cheng, Z. Heidari\*, T. Fuss-Dezelic, J. Shi
- 4:35 **The Marcellus Shale Energy and Environment Laboratory (MSEEL):** T. Carr
- 4:55 **Modelling at a Provincial Scale: Challenges and Solutions:** S. Lyster, K. MacCormack, M. Babakhani

## Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)

Hall B, Room 2

Co-Chairs: N. Mountney and R. Steel

- 1:45 **Introductory Remarks**
- 1:50 **Alternating Currents: When Braided Channels Begin to Meander:** J. Noad
- 2:10 **The Role of Floodplain Aggradation in Building Low-Gradient Dryland River Stratigraphy:** K. A. van Toorenburg, M. E. Donselaar, G. Weltje
- 2:30 **Paleotopographic Controls on Fluvial Architecture of Pre-Vegetated Braided Fluvial Strata in a Basal Cambrian-Ordovician Sandstone: Potsdam Group of the Ottawa Embayment and Quebec Basin:** D. G. Lowe, B. Arnott
- 2:50 **Facies Variability in a Large-Scale Mississippi River Point Bar, False River, Louisiana, USA:** P. Clift, J. Lorenzo, A. Lechnowskyj, M. Morrison, E. Olson
- 3:10 **Understanding Channel Belt Connectivity on a System Scale in Fluvial Settings:** A. Owen, A. Hartley, G. Weissmann, G. Nichols
- 3:30 **Break**
- 3:55 **Spatial and Temporal Variability of Point Bar Architecture in the Tidal-Fluvial Transition of Sittaung River, Myanmar:** K. Choi, J. Jeon, J. Jo, J. Suk, D. Kim
- 4:15 **The McMurray Conundrum: Conflicting Interpretations of Environment of Deposition and Paleogeography:** M. Blum, D. Jennings
- 4:35 **Vertical Facies Transitions in a Progradational Fluvial-Fan Succession (Mendoza Foreland, Argentina): Depositional Processes and Spurious Climate Signals:** D. Ventra, A. Moscariello, G. Hunger, G. Veiga
- 4:55 **Stratigraphic Evidence for Major Shifts in Meander Bend Platform Morphology: Examples From Late Cretaceous Meander Belt Deposits of Southern Alberta:** P. Durkin, D. Leckie, S. M. Hubbard, R. Boyd, J. Holbrook

## Theme 4: Geochemistry and Geomechanics in Petroleum System Models of Unconventional Resources (AAPG)

Room Hall B, Room 3

Co-Chairs: B. Bennett, M. Fowler and B. Wygrala

- 1:45 **Introductory Remarks**
- 1:50 **Depth to 0.6% Vitrinite Reflectance Defines Magnitude of Uplift in Middle Ground Area of the North Slope, Alaska:** A. Hosford Scheirer, L. B. Magoon
- 2:10 **Empirical Relationship Between Gas-Chemical Composition and Thermal Maturity in Eagle Ford Formation, South Texas:** T. Zhang, X. Sun, K. L. Milliken, S. C. Ruppel, D. Enriquez
- 2:30 **Expulsion and Migration Associated with Unconventional Petroleum Systems:** B. J. Katz, I. Arango, F. Frasse
- 2:50 **From Elemental X-Ray Fluorescence Analyses to Reservoir and Mechanical Properties of Unconventional Reservoirs: A Montney Story:** A. Cui, R. Wust, K. Glover, B. Nassichuk
- 3:10 **Geochemical Characteristics and Application of Sterane and Terpane Biomarkers in Heavy Oils From Lacustrine Source Rocks of Liaodong Bay, Bohai Bay Basin, China:** D. Tian, Q. Xia, Y. Xue, L. Tian, C. Xu, K. Wu, R. Zhang, J. Wang, W. Pan
- 3:30 **Break**
- 3:55 **Geological Openness on the Chemical and Carbon Isotopic Signatures of Shale Gas: Implications From the Stepwise Pyrolysis of Bitumen:** H. Tian, H. Gai, X. X. Ming, B. j. Huang
- 4:15 **Rock-Eval Pyrolysis Data Analysis and Kerogen Kinetics Comparison of Selected Producing and Potential Shale Gas Plays in Canadian Sedimentary Basins:** Z. Chen, C. Jiang
- 4:35 **TBD**
- 4:55 **Utilizing Geochemical Analysis in Unconventional Reservoirs to Allocate Produced Oils to Stratigraphic Zone:** H. LaReau, J. E. Dahl, A. Clark, B. Parney, S. Friedman

# TECHNICAL PROGRAM WEDNESDAY

\*Denotes presenter is other than first author

- 5:15 **Challenges in Using Programmed Pyrolysis Data From Mature to Late Mature Source Rocks to Evaluate Source Rock Capabilities and Free Hydrocarbons in Unconventional Resource Plays:** A. D. McCauley, M. Abrams

## Theme 6: Other Energy Minerals: Coal, CBM and Oil Shale (EMD)

Hall B, Room 4

Co-Chairs: A. Burnham and J. Pashin

- 1:45 **Introductory Remarks**  
1:50 **Sedimentology and Stratigraphy of the Walloon Subgroup, Surat Basin, Australia:** R. Boyd, S. Dewar, A. Aouad, B. Pidgeon, L. Sammons  
2:10 **Elemental Geochemistry of Some Canadian Oil Shale:** F. Goodarzi, P. K. Pedersen, H. Sanei  
2:30 **TBD**  
2:50 **Coal Seam Gas Content Controlling Factors and its Trends in Eastern Surat Basin:** X. Kong  
3:10 **Changes in Gas Storage and Transport Properties With Continued Bioconversion of Coal:** R. Pandey, S. Harpalani, J. Zhang, Y. Liang

## Theme 7: Oil Sands III: Reserves, Caprocks and the Environment (EMD)

Hall B, Room 4

Co-Chairs: R. Chalaturnyk, P. Collins and R. Stancliffe

- 3:50 **Introductory Remarks**  
3:55 **3-D Geology and Petroleum Chemistry of the Alberta Peace River Oil Sands – Investigating Odours and Emissions:** S. Anderson, C. Filewich, S. Lyster, K. MacCormack  
4:15 **Talking Responsibly About Your Contingent Resource Oil Sands Project (Presented by B. Spackman):** C. Bennett  
4:35 **Coupled Simulation With Integrated 2-D and 3-D Factor of Safety Analysis for SAGD Caprock Integrity:** J. Xiong, N. L. Deisman, R. Chalaturnyk  
4:55 **Monitoring SAGD Conformance and Caprock Integrity With Depth to Surface Resistivity:** G. Nieuwenhuis, K. MacLennan, V. Ramadoss, M. Wilt, P. Esposito  
5:15 **Back Analysis of Joslyn Failure Using DEM Geomechanical Model:** A. Khani, N. L. Deisman, R. Chalaturnyk

## Theme 6: International Unconventional Plays (AAPG)

Palomino A/B/C

Co-Chairs: S. Anderson and B. Cardott

- 1:45 **Introductory Remarks**  
1:50 **What Do More Productive Tight Oil and Gas Wells Mean for the Global Business Environment?:** R. Dukes  
2:10 **Tight Oil Unconventionals: Better Reservoir and Performance Understanding Resulting in a Novel Development Ranking Methodology Achieving Higher Recovery Through Dynamic Sweet-Spots Modeling:** E. A. Elrafie  
2:30 **TBD**  
2:50 **Anoxia and Euxinia (or not) in an Upper Devonian Black Shale: Woodford Shale, Permian Basin, West Texas:** N. B. Harris, M. Slowakiewicz, R. Pancost, S. Poole  
3:10 **The Unconventional Resource Potential of the Pennsylvanian Leo/Minnelusa Formations of the Powder River and Denver Basins:** A. Kratochvil, M. Cheng, A. Brickell, R. Fitzsimmons  
3:30 **Break**  
3:55 **TBD**  
4:15 **Seismic Architecture and Anatomy of a Basin-Scale Lowstand Wedge (Mulichinco Fm, Argentina): Implications for Tight Reservoirs Exploration:** S. M. Arismendi, M. E. Pascariello, M. F. Rincón, E. Schwarz, M. Olivo

- 4:35 **Characterization of Deep Tight Carbonate Gas Plays With an Integrated Interpretation – Case Study From North Kuwait:** J. D. Rao, S. Al-Ashwak, M. Y. Al-Dousiri, A. M. Al-Anzi, N. S. Rao, Q. Dashti, S. Chakravorty, T. L. De Keyser

- 4:55 **Comparing Basin-Centred Gas Prospectivity in the Bowen-Surat Basin (Queensland, Australia) With the Deep Basin of Western Canada and the Piceance Basin of Utah:** B. J. Hayes, P. Nicholls, K. Dorey, R. Bresnahan, W. McDougall, C. Wickens

- 5:15 **Characteristics of Tight Gas Reservoir in the Upper Triassic Sichuan Basin, Western China:** Q. Li

## Theme 5: Role of Structural Analysis in Unconventional Resource Development (AAPG/PSGD)

Palomino D

Co-Chairs: C. Burberry and D. Ferrill

- 1:45 **Introductory Remarks**  
1:50 **3-D Geomechanical Restoration as a Tool for Fractured Reservoir Characterization: Example From the Permian Basin:** J. Stockmeyer, J. H. Shaw, A. Plesch, M. Wales, L. Lavin, L. T. Billingsley, R. Knox, L. Finger  
2:10 **Influence of Tectonic Setting on Borehole-Scale Deformation Around the Margins of the Permian Basin (Texas, USA):** D. A. Ferrill, S. Wigginton, K. J. Smart, R. N. McGinnis, A. P. Morris  
2:30 **Polygonal Fault Systems Upper Cretaceous Strata, Denver Basin:** S. Sonnenberg  
2:50 **Bedding-Parallel Fractures in Shales:** J. F. Gale, E. Ukar, Q. Wang, S. J. Elliott  
3:10 **Characterizing Bedding-Parallel Fractures in Shale: Aperture-Size Distributions and Spatial Organization:** Q. Wang, J. F. Gale  
3:30 **Break**  
3:55 **Penetrative Strain on the Field Scale: Detrimental to Reservoir Quality?:** C. M. Burberry  
4:15 **Sedimentological Controls on Natural Fracture Networks in the Turonian Second White Specks Formation, Highwood River, Southwestern Alberta:** B. Komaromi, P. K. Pedersen  
4:35 **3-D Palinspastic Reconstruction of Prograding Units Oblique to the Tectonic Transport: An Analysis of the Early-Middle Jurassic Cuyo Gr. in the Aguada Toledo Anticline, Neuquén Basin (Argentina):** D. Giunta, J. Poblet, J. L. Massaferro

## Theme 2: Geobiology of Carbonate Systems (SEPM)

Palomino E

Co-Chairs: B. Jones and J. Rivers

- 1:45 **Introductory Remarks**  
1:50 **Fundamental Controls on Modeling Reservoir Properties of Fining-Updip Heterozoan Carbonates:** T. M. Pugliano, R. H. Goldstein, E. K. Franseen  
2:10 **Transgressive Lag of Flat Rip-up Clasts – Substratum for Initial Growth of Upper Cambrian Large Microbial Bioherms:** A. W. Droxler, H. H. Hopson, P. Khanna, J. M. Proctor, D. J. Lehmann, P. Harris  
2:30 **Reef Constructors of the Wuchiapingian Jablonna Buildup (Western Poland):** T. M. Peryt, P. Raczynski, D. Peryt  
2:50 **Distributions and Environmental Controls of Microbialites in Great Salt Lake, Utah:** R. L. Baskin, P. Wright, N. Driscoll, G. Kent, G. Hepner  
3:10 **A New Depositional Model of Spherulitic Carbonate Settings: Insights From a Carboniferous Hyper-Alkaline, Volcanic-Influenced Lake:** R. Mercedes-Martin, A. Brasier, M. Rogerson, J. Reijmer, H. Vonhof, M. Pedley  
3:30 **Break**  
3:55 **The Truth Behind Microbes and Ooids:** M. R. Diaz, P. Swart, G. P. Eberli, B. L. Phillips, P. L. Blackwelder

# TECHNICAL PROGRAM WEDNESDAY

\*Denotes presenter is other than first author

- 4:15 Concretions in the Mixed System: Microbial-Driven Early Marine Calcite Cementation:** D. F. McNeill, P. Swart, L. Rodriguez Blanco, M. Tenaglia, R. J. Weger, L. E. Rueda Sánchez, B. G. Burke, J. S. Klaus, G. Eberli
- 4:35 Sedimentologic and Oceanographic Characterization of the "Inland Sea" Lagoon and Channel System, Southeast Qatar:** J. M. Rivers, C. J. Strohmenger, C. S. Warren
- 4:55 Geobiological Events in the Cyrenaican Miocene Carbonate-Evaporite Sequences of Ar-Rajmah Group, Al-Jabal Al-Khdar Uplift and Soluq Trough, NE Libya:** K. S. Amrouni, M. C. Pope, A. S. El-Hawat, K. A. Mustafa, A. A. Al-Alwani, M. S. El-Jahmi, A. H. Amer, E. A. Elbileikia, S. El-Ekhfifi, H. S. El-Bargathi, A. A. Obeidi, M. Wehner
- 5:15 Geology of the Mount Stephen Trilobite Beds and Adjacent Strata Field B.C., Yoho National Park – Exploration Ramifications From New Insights on a 129 Year Old Discovery:** V. A. Kimmel

## Theme 1: Paralic and Shallow Marine Systems II (SEPM)

Palomino F/G/H

Co-Chairs: C. Fielding and X. Roca-Argemi

- 1:45 Introductory Remarks**
- 1:50 Global Classification of Shallow Marine Systems:** J. Howell, B. Nyberg
- 2:10 Preservation of Thick, Transgressive Shallow-Marine Successions in a Forearc Basin; Nanaimo Basin, British Columbia:** M. Jones, S. E. Dashtgard
- 2:30 Progradational and Backstepping Shoreface Deposits in the Ladinian to Early Norian Snadd Formation of the Barents Sea:** T. G. Klausen, A. E. Ryseth, W. Helland-Hansen, H. K. Gjelberg
- 2:50 Seismic Geomorphology, Architecture and Genesis of Miocene Shelf Sand Ridges in the Pearl River Mouth Basin, Northern South China Sea:** H. Zhuo, Y. Wang, H. Shi, M. Zhu, M. He, W. Chen, H. Li
- 3:10 Sedimentologic and Stratigraphic Characterization of Ancient Sandstone Shelf Ridges: An Example From the Campanian Almond Formation, Wyoming, USA:** J. Leva López, V. M. Rossi, R. Steel, C. Olariu
- 3:30 Break**
- 3:55 Stratigraphic Architecture of Deltaic Mouthbar Deposits During the Early Eocene Climatic Optimum, Green River Formation, Uinta Basin, Utah:** E. Rosencrans, L. Birgenheier
- 4:15 TBD**
- 4:35 Facies and Stratigraphic Analysis of the Permian Succession in the Denison Trough, SW Bowen Basin, Queensland, Australia:** C. Fielding, K. Bann, M. Martin
- 4:55 Reservoir Modeling and Provenance Analyses of the Campanian M1 Sandstone, Eastern Ecuador:** C. Vallejo, O. Morales, D. Tapia, A. Valdez, J. Leal, M. Cardenas, W. Winkler, J. Esteban, J. Gaibor
- 5:15 Siliciclastic and Tectonic Controls on Carbonate Distribution Within the Early Cambrian Mount Clark Formation, Mackenzie Mountains, Northwest Territories, Canada:** D. Herbers, M. Gingras, B. A. Bobey, M. LaGrange Rao, B. Harris

## Wednesday Poster Sessions

Presenters in their booths 9:30 a.m.–11:00 a.m. and 3:00 p.m.–4:30 p.m.

### Additional AAPG Student Research Poster Session III

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: A. Janevski and A. Sullivan

- P1 Distribution of Depositional Environment, Diagenetic Features, and Reservoir Quality of the Middle Bakken Member in the Williston Basin, North Dakota:** O. Ayhan, U. Hammes, W. Fisher
- P2 How Well Do Asymmetrical Rift Models for the Conjugate Margins of Brazil and Angola Compare to Deep-Penetration Seismic Reflection Data?:** P. Loureiro, P. Mann

- P3 Evaluation of Carbon Dioxide Sequestration and Enhanced Oil Recovery in the Jacksonburg-Stringtown Oilfields, West Virginia:** Z. Zhong, T. Carr
- P4 Geochemical Characterization of Source Rock in Lufeng Sag, Pearl Mouth River Basin:** Z. Niu, G. Liu, X. Zhang, M. Zhang
- P5 Seismic Geomorphology of the Lobed-Channel System of Upper Miocene Huangliu Formation, Yinggehai Basin, Northwestern South China Sea:** H. Liu
- P6 Thin Section Analysis of a Mississippian Cored Interval for Incorporation to Reservoir and Depositional Models (McPherson County, Kansas, USA):** J. H. Green, H. N. Ali
- P7 Let's Make Outcrops Recover Their Value, Understanding the Rock on the Surface for Predicting Into the Subsurface: Woodford Shale Case Study, Ardmore Basin, Oklahoma:** H. A. Galvis-Portilla, D. Becerra-Rondon, R. Slatt
- P8 Stable Isotope and Elemental Geochemistry From 1-D Profiles are a Useful Tool for Revealing 3-D Phasing Architecture of Upper Cambrian Microbial Reef Complexes, Wilberns Formation, Mason County, Texas:** H. Swartz, C. Kelleher, A. Lhemann, D. J. Lehrmann, M. Suarez, H. H. Hopson, P. Khanna, A. Droxler
- P9 Integrated Geologic Analysis From Two Marcellus Shale Science Wells in Northeastern West Virginia:** T. J. Paronish, S. Bhattacharya, T. Carr
- P10 Organic-Rich Sediments From the Mid-Cretaceous Western Interior Seaway: A High-Resolution, Multi-Proxy Investigation:** S. Patel, I. Harding, J. Marshall, J. Eldrett

### SEPM Research Symposium: Foreland Basin Drainages and Deposition II

Hall C 9:00 a.m.–5:00 p.m.

Chair: D. Leckie

- P19 Regional-Scale Modelling of the Sub-Cretaceous Unconformity Surface in Northern and Central Alberta: Elevation, Subcrop Zero-Edge Delineation, and Paleotopographic Reconstruction:** J. Peterson, T. E. Hauck, B. Hathway, K. MacCormack
- P20 The Evolution of Deepwater Slope Systems on Retroarc Foreland Basin Margins: Insights From Detrital Zircon Geochronology, Tres Pasos Formation, Magallanes Basin, Chile:** B. G. Daniels, N. C. Auchter, W. Matthews, S. M. Hubbard, B. Romans, L. Stright
- P21 Timing of Slope System Evolution and Intra-Basinal Sediment Recycling in the Magallanes Retroarc Foreland Basin (Chile) From Detrital Strontium Isotope Stratigraphy:** N. C. Auchter, B. G. Daniels, S. M. Hubbard, L. Stright, B. Romans
- P22 Fluid Inclusion and Isotope Studies of Calcite Veins in Shizhu Synclinorium, Central China: Record of Origin of Fluids and Diagenetic Conditions:** J. Gao, S. He
- P23 Carpathian Foredeep Basin (Miocene, Poland and Ukraine): Significance of Evaporite Deposition:** T. M. Peryt, D. Peryt
- P24 Time-Space Variability of Paralic Strata Deposited in a High Accommodation, High Sediment Supply Setting: Example From the Cretaceous of Utah:** J. Mulhern, C. L. Johnson
- P25 Stratigraphic Evolution of the Northern Magallanes-Austral Basin, Argentine Patagonia:** Z. T. Sickmann, S. A. Graham
- P26 Aptian/Albian Sediment Volume and Accumulation Rates, Alaska North Slope and Beaufort Shelf, From Sequence Stratigraphic Interpretation and 3-D Backstripping:** V. T. Wala, C. D. Connors, D. W. Houseknecht, L. E. Schultz
- P27 Process and Products of Long-Transit Forced Regression Driven by Dynamic Subsidence Migration in the Cordilleran Foreland Basin: Insight From Regional Analysis of the Fox Hills Sandstone From Denver, Colorado to Ft. Peck, Montana:** J. L. Aschoff, C. Rust
- P28 Cretaceous Strata at the West Edge of the Rockies – A Wedge-Top Remnant of the Western Canada Foreland Basin:** M. McMechan, A. Sweet, L. Currie, W. Matthews, J. Reyes

# TECHNICAL PROGRAM WEDNESDAY

\*Denotes presenter is other than first author

- P29** **<sup>26</sup>Al / <sup>10</sup>Be Cosmogenic Burial Dating and Magnetostratigraphy of Growth Strata in the Western Tarim Foreland Basin, NW China:** J. A. Thompson, B. Bookhagen, D. Burbank, J. Chen, T. Li
- P30** **Cryptic Migrating Depocentres in a Mudstone-Dominated Succession: Coniacian Muskiki and Marshybank Members, Central Alberta Plains and Foothills, Western Canada Foreland Basin:** E. Hooper, G. Plint

## Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Chair: J. Snedden

- P11** **Drainage Systems in Rift Basins: Implications for Reservoir Quality:** S. Schwarz, L. Wood, D. B. Dunlap
- P12** **Sedimentology and Stratigraphy of the Douglas Creek Member in the Green River Formation, Main Canyon, Uinta Basin, Utah:** R. D. Gall, L. Birgenheier
- P13** **Use of Sequence Boundaries to Map Siliciclastic Depositional Patterns Across North America:** T. L. Clarey, A. C. Parkes
- P14** **Controls on Regional Distribution Patterns in Proliferous Western Interior Shelf Sand Reservoirs: Tocito, El Vado and Gallup Sands of the San Juan Basin:** A. Cheney, M. Huels, L. Wood, K. Arora
- P15** **New High-Resolution Geodynamic and Landscape Evolution Models From the Permian to the Present Day for North America:** R. Bailiff, L. Raynham, C. Dean, L. Davies, M. Sturla, M. Casson, Z. Cumberpatch, G. Joseph, E. Edgecombe, J. Roland-Warden, L. Wilson, A. Redmile, R. Howe
- P16** **Late Jurassic and Early Cretaceous Muddy Coastline and Estuarine Bay Deposition in West Central Alberta:** S. T. Knopp, F. F. Krause, T. P. Poulton, E. H. Davies
- P17** **Characterization of the Cretaceous in the Sable Sub-Basin, Offshore Nova Scotia, by Detailed Stratigraphic and Sedimentological Analysis to Determine Source Rock and Correlation to Worldwide Oceanic Anoxic Events:** A. C. Hargreaves, N. Watson, G. Wach, R. Silva
- P18** **Mesozoic Sedimentology, Provenance, and Subcrop Mapping of the Eastern Cordillera and Western Subandean Zone: Insights for the Extensional Record of Southern Bolivia:** A. Z. Calle, B. K. Horton

## Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Chair: C. John

- P40** **High Resolution Basin Modeling Insight Into Syndepositional Permian Reef Architecture Through Integrated Lidar-XRF Analysis, Slaughter Canyon, New Mexico:** K. N. Garrett, J. D. Pigott, K. L. Pigott
- P41** **Geological Controls on Evaporite – Carbonate Facies Transition in Permian Seven Rivers Formation, SE New Mexico:** A. A. Brown
- P42** **Regional-Scale Modelling of the Paleozoic Succession Beneath the Athabasca and Cold Lake Oil Sands Areas: Devonian Paleogeography, Evaporite Dissolution, and Controls on Cretaceous Depositional Patterns on the Sub-Cretaceous Unconformity:** T. E. Hauck, J. Peterson, B. Hathway, M. Grobe, K. MacCormack
- P43** **Petrophysical, XRF Elemental, and Geomechanical Comparison of the Greenhorn and Niobrara Formations, Wattenberg Field, Denver Basin:** S. Sonnenberg, J. D. Humphrey, H. Durkee, K. Nakamura
- P44** **Geostatistical Modelling of Hydrothermal Dolomite by PluriGaussian Simulation From Digital Outcrop Dataset (Latemar, N-Italy):** N. Kulyukina, O. Dubrule, C. Jacquemyn\*
- P45** **Facies, Stratigraphy and Lateral Stratigraphic Continuity in Lower Jurassic Reservoir Analogue Outcrops at Wadi Naqab, United Arab Emirates:** C. Mircescu, M. Hönig, C. Jacquemyn\*, C. M. John
- P46** **Characterization of Carbonates Through High Definition Borehole Images: Examples from Texas & Oklahoma (presented by D. Andjelkovic and T. Hunt):** T. Hunt, J. Speight, H. Liu, V. Vallega, D. Christensen

- P47** **Diagenetically Controlled Porosity Modification Within a Sour Gas Reservoir, UAE:** C. Hollis, M. Deville de Periere, D. Lawrence, M. Al Mansouri
- P48** **A Sedimentological Assessment of Dolomitized Bioclastic Accumulations Within the Lower Triassic Montney Fm., Western Canadian Sedimentary Basin:** C. McCormick, A. Gogolick, J. Zonneveld
- P49** **Quantitative Evaluation of Microporosity in Arab D Carbonates of Saudi Arabia: Impact on Reservoir Quality:** T. D. Jobe, S. Geiger, Z. Jiang
- P50** **Investigation of Petrophysical-Properties Heterogeneity for Electrofacies Classification in Carbonate Reservoirs:** F. Suriamin, M. J. Pranter
- P51** **Lateral Lithofacies Variability in the Shublik Formation Across the Triassic Arctic Alaska Basin:** K. J. Whidden

## Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: B. Cutright and S. Overland

- P60** **Utica Petroleum System Mapping:** O. Popova, T. Haegele, G. Long, V. Shapovalov, E. Panarelli
- P61** **Assessment of Undiscovered Oil and Gas Resources in the Cherokee Platform Province Area of Kansas, Oklahoma and Missouri:** R. M. Drake
- P62** **Comparing High Resistivity Zones in Well Logs in Hydrocarbon Producing Intervals in Continuous Resource Plays of the Eagle Ford Shale, Woodbine Formation and Tuscaloosa Marine Shale in the Gulf Coast Region:** N. J. Gianoutsos, R. F. Dubiel
- P63** **Preliminary Evaluation of Source Rock Potential and Burial History of the Upper Cretaceous Tuscaloosa Marine Shale in Mississippi and Louisiana, USA:** B. J. Valentine, P. Hackley, C. B. Enomoto, C. Lohr, O. D. Scholl
- P64** **Updated Resource Assessment of Undiscovered, Technically Recoverable Shale Gas and Shale Oil Within the Mississippian Barnett Shale, North-Central Texas, 2015:** K. R. Marra
- P65** **Chemostratigraphy and Mineral Evolution of the Green River Formation:** T. Wu, J. Boak
- P66** **Stratigraphic Architecture and Facies Distribution Within the Wall Creek Member of the Frontier Formation, Western Powder River Basin, Wyoming:** J. Zupanic, M. Hofmann, A. Hennes
- P67** **Physical and Mechanical Heterogeneity of Reservoir Rocks in the Opal-A to Opal-CT Transition Zone, Monterey Formation, Western San Joaquin Basin, California:** R. M. Weller, R. Behl
- P68** **Factors Limiting Reservoir Quality of Pericratonic Silurian Shales in Poland – New Evidence From Cores in Lublin Basin:** A. Buniak, A. Kedzior, M. Paszkowski, S. J. Porebski\*, J. Zacharski
- P69** **Correlation of Fluvio-Lacustrine Strata Using Volcanic Tuffs: New Insights From the Jurassic Walloon Coal Measures, Surat Basin, Australia:** C. Wainman, P. J. McCabe
- P70** **Geochemical Characteristic of Some Oil Shale Deposits of Israel:** H. Sanei, O. H. Ardakani, F. Goodarzi, I. Reznik
- P71** **A Note on Migration of Hydrocarbon Into Oil Shale Related to Tectonics, New Brunswick, Canada:** F. Goodarzi, H. Sanei, P. K. Pedersen
- P73** **Interrelationship Between Coalbed Methane (CBM) and Produced Ground Water in Lephale Basin, South Africa:** Z. I. Gxaba, T. Kanyerere, K. Pietersen
- P74** **Multi-Scale Shale Imaging Challenges: Examples From U.S. and European Plays:** L. Ma, P. J. Dowey\*, L. Courtois, K. G. Taylor, P. D. Lee

# TECHNICAL PROGRAM WEDNESDAY

\*Denotes presenter is other than first author

## Theme 9: Integration and Interpretation of Geophysical Techniques and Rock Physics (AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: R. Wiener and Y. Yamada

- P31 Multi-Attribute Seismic Wheeler Volume Workflows, Illuminating Stratigraphy, Geomorphology, and Prospectivity Within a Mezardere Slope Fan Exploration Model, Thrace Basin, Turkey:** S. Norgard, G. Focht, V. Geoscience Team
- P32 Multi-Component Characterization of Carbonate Reservoirs:** K. C. Ikwaokor, A. Abdulraheem
- P33 Magnetic Bright Spots Can Identify the Most Prospective Deepwater Areas and Prospects:** D. Schumacher
- P34 De-Risking Jurassic and Cretaceous Leads With the Integrated Interpretation of 3-D EM, 2-D Seismic and Well Data in North Flemish Pass Basin, East Canada:** A. Oestvedt Ghazi, X. Wu, S. Ellingsrud\*, W. Spindler
- P35 Finding New Oil Fields in a Mature Play: BV Nose Discovery, Upper Miocene Stevens Play, San Joaquin Basin, California: Case Study:** M. G. Paz, K. Meyerholtz
- P36 Three-Dimensional Computer Modeling of Realistic Marine CSEM Earth Models in the Flemish Pass Basin:** M. W. Dunham, S. Ansari, C. G. Farquharson
- P37 Mapping Overpressure Features With Broadband Multimeasurement Seismic Data:** A. W. Laake, K. Pisaniec, C. Cunnell
- P38 Virtual Outcrop Models to Multiple Point Statistics: Improved Reservoir Modeling From Virtual Outcrops Supported by Digital Field Computing:** J. R. Mullins, J. Howell, C. Kehl, B. Simon
- P39 Time-Depth Modeling in High Pore-Pressure Environment, Offshore East Coast of India:** N. Jindal

## Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources I (AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Chair: A. Burnham

- P52 Evaluating the Thermal History of the Los Angeles Basin Through 3-D Basin and Petroleum System Modeling:** L. E. Schultz, A. Hosford Scheirer, S. A. Graham
- P53 Simulating Geochemical Fluid-Rock Interactions at the Fracture-Fluid Interface for a Shut-In Well:** R. Herz-Thyhsen, J. Kaszuba
- P54 Development and Calibration of New Natural Gas  $\delta^{13}C$  and  $\delta^2H$  Reference Standards:** G. S. Ellis, R. F. Dias, D. D. Coleman
- P55 Light Hydrocarbons Geochemistry: Insights Into Analyzing the Mississippian Petroleum Systems in Northern Oklahoma:** I. Al Atwah, J. Pantano, S. Sweet
- P56 Exploration Risk Assessment Using Forward Stratigraphic Modelling: Flemish Pass Basin, NL, Canada:** E. Le Guerroué, J. Pitz, P. Jermannaud, P. Chenet, E. Gillis, J. Carter, I. Atkinson, D. McCallum, R. Wright
- P57 XRF Chemostratigraphy for Characterizing a Shale Reservoir Along a Horizontal Well Track:** J. Zhang, B. W. Turner, R. Slatt
- P58 The Trapping Temperature and Pressure of High Density Methane Inclusions in the Jiaoshiba Shale Gas Field, Sichuan Basin, Central China:** J. Gao, S. He
- P59 Effect of Precipitation of Asphaltenes on Re-Os Isotopic Ratios:** J. M. DiMarzio, S. V. Georgiev, H. Stein, J. Hannah

## Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources II (AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: A. Anastas and B. Clarke

- P76 3D-Basin Modelling of the Lishui Sag: Research of Hydrocarbon Potential, Petroleum Generation and Migration:** J. Guo, J. Zhang

- P77 Characteristics and Origin of Source Rocks in the Small Faulted Lacustrine Basin:** X. Ding, M. Zha, G. Liu, Z. Huang
- P78 The Oil Migration Pathway and Hydrocarbon Charging History of Petroleum Systems in Termit Basin, Eastern Niger:** J. Zhao, M. Li
- P80 Geochemical Characterization and 1D Modeling in the Gulf of Venezuela:** N. Acosta, A. Martinez, J. Grobas, I. Berrio
- P81 Identifying Causes of Disturbances in the Re-Os Geochronometer in Black Shales: A Case from the Jurassic Agardhfjellet Formation, Svalbard:** M. B. Connors, R. Markey, J. Hannah, H. Stein
- P82 Controls on Hydrocarbon Accumulation Model for the Neogene Traps, Bohai Bay Basin, China:** H. Liu, D. Zhao, Y. Jiang
- P83 Rock-Eval 6/TOC Pyrolysis Results From the Lower Karoo Group Mudstones and Coal Source Rocks, Maamba Basin, Southern Zambia:** C. Phiri

## Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: N. Marcano and A. Mort

- P84 A Biomarker Review of the Palaeoecosystem and Palaeodepositional Environment of the Bakken Shales of Saskatchewan:** T. Aderoju, S. L. Bend
- P85 Comparison of Crude Oils Found in Mississippian Reservoir Rock and Potential Source Rocks in the Black Warrior Basin, Southeastern United States:** L. W. Drago, D. M. Robinson, Y. Lu
- P86 Effects of Sedimentary Heterogeneity on Hydrocarbon Accumulations in the Permian Ordos Basin, China: Insight From Integrated 3-D Petroleum System and Forward Stratigraphic Modelling:** J. Liu, K. Liu, X. Huang
- P87 Organic Geochemistry of Triassic Lacustrine Yanchang Formation Shale, The Ordos Basin, North-Central China:** X. Sun, X. Wang, T. Zhang, D. Enriquez
- P88 Re-Os Geochronometer Constraints on the Timing of Petroleum Generation and Migration in the Northern Longmen Shan Thrust Belt, Southwest China:** C. Shen, D. Selby, X. Ge, X. Ruan, S. Hu
- P89 The Progress of Reservoir Geochemistry and its Application in Hydrocarbon Exploration: An Example From the Halahatang Oilfield of the Tarim Basin, NW China:** M. Li, T. Wang, R. Fang, L. Yang
- P90 A New Concept of RMF as Create the Relation Between Facies and Rock Mechanic: A Case Study From Asmari Reservoir:** S. Gharechelou, A. Amini, Z. Hosseini
- P91 A Novel Model of Brittleness Evaluation for Unconventional Reservoirs Based on Energy Consumption:** Y. Hu, Z. Chen
- P92 New Approaches on Source Rock Analysis to Improve Hydrocarbon System Analysis – Optical Kerogen Analysis of Organic Rich Mesozoic Shales (Germany, Chile):** S. A. Brysch, H. Jaeger
- P93 Applications of Portable XRF Analysis to the Amaranth, Lodgepole and Bakken Formations of South Western Manitoba:** M. T. Rogowski
- P94 Integrated Petroleum Analysis for the Albertine Graben in East Africa:** T. B. Alemu, A. Katumwehe, E. Atekwana, M. Abdelsalam
- P95 Bakken Oil-Generation Kinetics by Hydrous Pyrolysis and its Testing in 1-D Model:** H. Jin, M. Lewan, S. Sonnenberg

## Theme 5: Geomechanics Case Studies and Applications (AAPG/PSGD)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: K. Glover and K. Yule

- P96 Correlations Between a Mudstone Heterogeneity Index and Micromechanical Properties in the Lower Mancos Shale:** A. A. DeReuil, L. Birgenheier, J. McLennan

# TECHNICAL PROGRAM WEDNESDAY

\*Denotes presenter is other than first author

- P97 Geomechanical Analysis of the Three Forks Formation and Implications for Oil Recovery:** R. Idzior, U. Hammes, B. Garcia-Fresca, S. Tinker
- P98 Impact of Poro-Elastic Coupling and Stress Shadowing on Injection-Induced Microseismicity in Reservoirs Embedded With Discrete Fracture Networks:** L. Jin, M. D. Zoback
- P99 A Viscoplastic Stress Relaxation Model for Predicting Variations of the Least Principal Stress With Depth in Unconventional Reservoirs:** S. Xu, M. D. Zoback
- P101 Improved Geology-Based Geomechanical Models Using Drill Cuttings Data for Selective Fracture Stage Placement in the Montney, Duvernay and Beyond:** K. Glover, A. Cui, J. Tucker, B. Nassichuk

## Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)

Hall C 9:00 a.m.–5:00 p.m.

Chair: K. Glover

- P102 Structural Styles and Related Accommodation Zones Associated With the Collapse of Salt Anticlines: Implications for Fluid Flow in Salt-Controlled Basins:** T. Randles
- P103 Testing Models of Caribbean Tectonics in Global and Regional Contexts:** P. J. Webb, C. J. Hill, N. G. Henshaw, J. Rodriguez, J. Barraud, E. Sutcliffe
- P104 Intra-Formation, “Sub-Seismic Resolution” Deformation in the Lewis Allochthon, Montana, and Arbuckle Anticline, Oklahoma: Preliminary Results and Implications:** A. S. Yoshinobu, J. Hessert, K. Soundy
- P105 New Insights Into the Early Development of a Volcanic Passive Margin – 3-D Imaging of Seaward Dipping Reflectors and a South Atlantic Transfer Zone:** H. J. Rowlands, D. Paton, E. Mortimer, J. Turner, P. Thompson, M. Soto, H. de Santa Ana
- P106 Structural Control on Upper Jurassic Sedimentation South of the Middle Ground Arch, Eastern Gulf of Mexico:** C. Taggart, D. M. Robinson, A. Weislogel, C. W. Essex
- P107 The Occurrence and Distribution of Polygonal Fault Systems in the Gulf of Mexico:** J. A. Palmer
- P108 Benguela and Namibe Basins: Syn-Rift Architecture and Sediment Thickness From Integrated Analysis of Aeromagnetic Data:** S. Mazur, A. Quallington, S. Parker, M. Stewart, L. Sebastião, B. Cristina, J. Saweka, J. Constantino, G. Scougal
- P109 Rift Basin Characteristics Originating From Antecedent Tectonic Events – Intracacies of the Falkland Plateau:** C. M. Fraticelli, D. J. Yezerski, J. A. Mercer, Y. Yusri, S. Salamoff, J. Reece, E. R. Hyde, J. Bova
- P110 Low Temperature Paleogene Thermal History of the British Mountains, Yukon, Canada, Quantified by Apatite and Zircon U-Th/He Dating:** J. E. Pickering, L. Lane, B. Guest, D. A. Schneider
- P111 3-D Thermokinematic Restoration of the Eastern Cordillera and Foothill of Colombia, and Paleogeographies Prediction:** D. Costantino, D. Paton, A. Mora
- P112 Geologic and Geophysical Evidence for a Pacific Origin for Seawater Filling the Callovian Gulf of Mexico Evaporite Basin:** P. Mann, R. Padilla
- P113 Post-Rift Faulting Migration, Transition and Dynamics in Zhu 1 Depression, Pearl River Mouth Basin:** Q. Ye, L. Mei, Y. Shu, H. Liu, W. Tian, H. Yan
- P114 Structural Architecture of the Southern Orange Basin, Block 5/6, Offshore South Africa:** S. S. Wela
- P115 A Revised Plate Model for the Myanmar and Andaman Sea Regions and its Effects on Petroleum Systems:** D. A. Sagi, C. J. Hill, S. M. Masterton, N. G. Henshaw, D. S. Tierney, I. Sevastjanova
- P116 The Origin of Complicated Fault System in Beibuwan Basin and the Application for the Evolution of South China Sea:** H. Tong

## Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)

Hall C 9:00 a.m.–5:00 p.m.

Co-Chairs: E. Finch and A. Henza

- P117 Using Seismic Forward Modelling to Risk Sub-Thrust Plays:** S. J. Oldfield, D. Paton, D. Constantino, E. K. Bramham, T. Torvela, A. Mora
- P118 The Delineation of Pre-Salt License Blocks in the Deep Offshore Campeche-Yucatan Basin:** M. Saunders, P. Hargreaves, G. Paixach
- P119 The Statistical Eigenvector Analysis Technique (SEAT) for Image Log-Based Directional Measurements:** M. Carter, B. Ruehlicke\*
- P120 Evaluating a 2-D Structural Restoration: Validating Section Balance:** S. Lingrey, O. Vidal-Royo
- P121 Fault Interactions in an Experimental Model with Two Phases of Non-Coaxial Extension: Insights From Displacement Profiles:** A. A. Henza, M. O. Withjack, R. W. Schlische
- P122 The Influence of the Relative Orientation of Multi-Phase Rifting on Fault Growth and Interaction:** E. Finch, R. Gawthorpe
- P124 Tectonics of a Permo-Carboniferous Trough in the Northern Foreland of the European Alps Inferred From Reprocessed and Densified 2-D Seismic Reflection Data:** H. Madritsch, H. Naef, B. Meier, S. Heuberger
- P125 Cretaceous Oblique-Slip Reactivation of Late Paleozoic Rift-Related Faults on the Chukchi Platform, Southern Chukchi Shelf, Alaska:** E. H. Pritchard, B. T. Odom, A. G. Clements, C. Connors, D. W. Houseknecht
- P126 Understanding the Relationship Between Structural Inheritance and Rift Related Magmatism on the Labrador Margin:** A. L. Peace, K. McCaffrey, J. Imber, K. Gerdes, J. Phethean, E. Dempsey
- P127 Cenozoic Tectonic Evolution of Liaodong Dome, Northeast Liaodong Bay, Bohai, Offshore China, Constraints From Seismic Stratigraphy, Vitrinite Reflectance and Apatite Fission Track Data:** Y. Cheng, Z. Wu
- P128 Baja-BC Resolved: Detrital Zircons Indicate That Vancouver Island was Adjacent to Southern California in the Late Cretaceous:** B. Guest, W. Matthews, D. Coutts, H. Bain, S. Hubbard

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# PRESENTER CROSS REFERENCE

Acosta, Natasha	Wednesday	all day	P80	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources II (AAPG)
Adams, Nathaniel	Monday	day	all day	P26, Hall C	SEPM Student Research Poster Session
Adcock, Steve	Tuesday	a.m.	8:05	Hall B, Room 4	Theme 9: Reservoir Characterization in Unconventional Plays (AAPG)
Adegoke, Adebani	Wednesday	all day	P75	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources II (AAPG)
Aderoju, Titi	Wednesday	all day	P84	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Adimonye, Ozioma	Tuesday	p.m.	2:50	Hall B, Room 4	Theme 9: Seismic Attribute Applications and Case Studies (AAPG)
Ahmad Ridzuan, Muhammad	Tuesday	all day	P127	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Al Atwah, Ibrahim	Wednesday	all day	P55	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources I (AAPG)
Al Ibrahim, Mustafa	Tuesday	p.m.	4:55	Hall B, Room 4	Theme 9: Seismic Attribute Applications and Case Studies (AAPG)
Aldrich, Jeff	Tuesday	a.m.	10:10	Palomino A/B/C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Alemu, Tadesse	Wednesday	all day	P94	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Algeer, Ranya	Tuesday	a.m.	9:05	Palomino F/G/H	Theme 4: Petroleum System Modeling and Calibration of Conventional Resources (AAPG)
Allen, Benjamin	Monday	all day	P98	Hall C	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) (AAPG/SEPM)
Al-Mudhafar, Watheq	Tuesday	all day	P60	Hall C	Theme 6: Geostatistics of Unconventional Plays (AAPG)
Al-Mufti, Omar	Monday	all day	P47	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Altosaar, Andres	Monday	p.m.	1:50	Hall B, Room 4	Theme 7: Oil Sands II: Stratigraphy (EMD/SEPM)
Alves, Tiago	Monday	p.m.	4:35	Palomino F/G/H	Theme 3: Injection and Sequestration (DEG)
Alzayer, Yaser	Monday	p.m.	4:15	Hall B, Room 1	Theme 2: Modeling of Ancient Carbonate and Evaporite Systems (SEPM)
Ambrose, William	Monday	p.m.	2:10	Palomino A/B/C	Theme 6: New Frontiers in Space and Alternative Energy (EMD)
Amrouni, Khaled	Wednesday	p.m.	4:55	Palomino E	Theme 2: Geobiology of Carbonate Systems (SEPM)
Anderson, Hugh	Tuesday	a.m.	9:05	Palomino D	Theme 5: Structural Interpretation Quality and Methods (AAPG/PSGD)
Anderson, Shar	Wednesday	p.m.	3:55	Hall B, Room 4	Theme 7: Oil Sands III: Reserves, Caprocks and the Environment (EMD)
Andrea, Ross	Tuesday	all day	P45	Hall C	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Andrew, Matthew	Tuesday	a.m.	8:25	Hall B, Room 2	Theme 2: Unconventional Carbonate Reservoirs I (SEPM/AAPG)
Angus, Katrina	Monday	p.m.	4:55	Palomino D	Theme 1: Turbidite Facies: Channels, Fans and Event Beds (SEPM)
Anyiam, Uzonna	Monday	all day	P7	Hall C	AAPG Student Research Poster Session
Arévalo, Oscar	Monday	all day	P27	Hall C	SEPM Student Research Poster Session
Argüello-Scotti, Agustín	Monday	all day	P71	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Arismendi, Sebastián	Wednesday	p.m.	4:15	Palomino A/B/C	Theme 6: International Unconventional Plays (AAPG)
Arnott, Bill	Tuesday	a.m.	8:25	Palomino E	Theme 1: Physical Processes and Patterns of Mud Dispersal and Their Expressions (SEPM)
Arthur, James	Monday	p.m.	5:15	Hall B, Room 4	Theme 7: Oil Sands II: Stratigraphy (EMD/SEPM)
Aschoff, Jennifer	Wednesday	all day	P27	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Auchter, Neal	Wednesday	all day	P21	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Aviles, Mailyng	Monday	all day	P14	Hall C	AAPG Student Research Poster Session
Awdal, Abdullah	Tuesday	all day	P38	Hall C	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Ayhan, Oguzhan	Wednesday	all day	P1	Hall C	Additional AAPG Student Research Poster Session III
Ayodele, Irewole	Monday	all day	P61	Hall C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Ayranci, Korhan	Monday	all day	P107	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Babakhani, Mahshid	Tuesday	all day	P64	Hall C	Theme 6: Geostatistics of Unconventional Plays (AAPG)
Bachtel, Steve	Monday	all day	P86	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
Badalini, Gianluca	Monday	p.m.	5:15	Palomino D	Theme 1: Turbidite Facies: Channels, Fans and Event Beds (SEPM)
Baden, Dawin	Monday	all day	P130	Hall C	Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)
Bader, Jeffrey	Monday	a.m.	11:30	Palomino D	Theme 5: Multi-Phase Deformation Systems and the Role of Structural Inheritance (AAPG/PSGD)
Bader, Jeffrey	Monday	all day	P78	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Baig, Adam	Wednesday	a.m.	8:25	Hall B, Room 4	Theme 9: Practical Microseismic and 4-D Seismic (AAPG)
Baig, Adam	Wednesday	a.m.	9:05	Hall B, Room 4	Theme 9: Practical Microseismic and 4-D Seismic (AAPG)
Baig, Adam	Wednesday	a.m.	8:05	Palomino D	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Bailiff, Rob	Wednesday	all day	P15	Hall C	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Banerjee, Santanu	Monday	all day	P17	Hall C	Theme 1: Advances in Geochemical Techniques (SEPM)
Barnaby, Roger	Wednesday	a.m.	11:10	Hall B, Room 1	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Barnes, Cornelius	Tuesday	a.m.	9:05	Palomino A/B/C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Barnes, David	Monday	p.m.	2:30	Palomino F/G/H	Theme 3: Injection and Sequestration (DEG)
Barrett, Kent	Monday	a.m.	11:10	Hall B, Room 4	Theme 7: Oil Sands I: Facies (EMD/SEPM)
Barros, Pablo	Tuesday	all day	P53	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Basiru, Morufu	Monday	p.m.	2:30	Hall B, Room 4	Theme 7: Oil Sands II: Stratigraphy (EMD/SEPM)
Baskin, Robert	Wednesday	p.m.	2:50	Palomino E	Theme 2: Geobiology of Carbonate Systems (SEPM)

## PRESENTER CROSS REFERENCE

Baturan, Dario	Wednesday	a.m.	10:10	Hall B, Room 4	Theme 9: Practical Microseismic and 4-D Seismic (AAPG)
Baumgardner, Robert	Monday	all day	P99	Hall C	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) (AAPG/SEPM)
Bearinger, Doug	Wednesday	a.m.	10:10	Palomino D	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Beaubouef, Richard	Tuesday	a.m.	10:50	Palomino A/B/C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Beaubouef, Richard	Monday	all day	P113	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Bédir, Mourad	Monday	all day	P129	Hall C	Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)
Behbehani, Sayed	Tuesday	all day	P116	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Bellian, Jerome	Tuesday	all day	P25	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Bellman, Laurie	Monday	p.m.	4:35	Hall B, Room 4	Theme 7: Oil Sands II: Stratigraphy (EMD/SEPM)
Ben-Awuah, Joel	Monday	all day	P10	Hall C	AAPG Student Research Poster Session
Bennett, Caralyn	Wednesday	p.m.	4:15	Hall B, Room 4	Theme 7: Oil Sands III: Reserves, Caprocks and the Environment (EMD)
Bergen, Anika	Tuesday	all day	P71	Hall C	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)
Bhattacharya, Janok	Tuesday	a.m.	8:45	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Bhattacharyya, Proma	Monday	all day	P29	Hall C	SEPM Student Research Poster Session
Bhattiprolu, Sreenivas	Tuesday	all day	P131	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Bidgoli, Tandis	Monday	a.m.	10:50	Palomino E	Theme 4: Novel Calibration Tools for Petroleum System Models (AAPG)
Bisdorn, Kevin	Tuesday	all day	P46	Hall C	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Bishop, James	Wednesday	a.m.	8:45	Hall B, Room 1	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Bishop, Kyla	Tuesday	a.m.	10:30	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays II: Optimization and Performance (AAPG/SEPM)
Blowick, Aoife	Wednesday	a.m.	11:10	Palomino A/B/C	Theme 1: Controls on Source-to-Sink Systems (SEPM)
Blum, Mike	Tuesday	a.m.	9:05	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Blum, Mike	Wednesday	p.m.	4:15	Hall B, Room 2	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Bost, Richard	Monday	a.m.	8:05	Palomino F/G/H	Theme 3: Water Management: Established and Future Practice (DEG)
Boyd, Ron	Wednesday	p.m.	1:50	Hall B, Room 4	Theme 6: Other Energy Minerals: Coal, CBM and Oil Shale (EMD)
Bozetti, Guilherme	Tuesday	all day	P73	Hall C	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)

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Bratcher, Jordan	Monday	a.m.	8:45	Palomino F/G/H	Theme 3: Water Management: Established and Future Practice (DEG)
Breislín, Catherine	Tuesday	all day	P15	Hall C	Additional AAPG Student Research Poster Session II
Brinkerhoff, Riley	Tuesday	all day	P35	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Brodie, Mark	Wednesday	a.m.	8:25	Palomino E	Theme 2: Unconventional Carbonate Reservoirs II (SEPM/AAPG)
Broichhausen, Heike	Tuesday	p.m.	2:50	Palomino D	Theme 5: Geomechanics (AAPG/PSGD)
Broughton, Paul	Monday	p.m.	2:10	Hall B, Room 4	Theme 7: Oil Sands II: Stratigraphy (EMD/SEPM)
Brown, Alton	Wednesday	all day	P41	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)
Browne, Greg	Tuesday	p.m.	2:50	Palomino E	Theme 1: Diagenesis and Fluid Flux in Siliciclastic Sediments (SEPM)
Brudzinski, Michael	Tuesday	p.m.	2:10	Palomino D	Theme 5: Geomechanics (AAPG/PSGD)
Brysch, Sven	Wednesday	all day	P92	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Buarque, Bruno	Monday	p.m.	5:15	Hall B, Room 1	Theme 2: Modeling of Ancient Carbonate and Evaporite Systems (SEPM)
Buchheim, Paul	Monday	all day	P88	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
Burberry, Caroline	Wednesday	p.m.	3:55	Palomino D	Theme 5: Role of Structural Analysis in Unconventional Resource Development (AAPG/PSGD)
Burnham, Alan	Tuesday	a.m.	8:45	Palomino F/G/H	Theme 4: Petroleum System Modeling and Calibration of Conventional Resources (AAPG)
Burns, Catherine	Tuesday	all day	P47	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Butler, Kristina	Monday	all day	P67	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Caf, Abidin	Tuesday	p.m.	4:15	Hall B, Room 4	Theme 9: Seismic Attribute Applications and Case Studies (AAPG)
Caldwell, Rebecca	Wednesday	a.m.	9:05	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems I (SEPM)
Calle, Amanda	Wednesday	all day	P18	Hall C	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Campanaro, Ben	Monday	all day	P46	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Campbell, Taylor	Tuesday	all day	P128	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Canada, Taylor	Monday	all day	P18	Hall C	Theme 1: Advances in Geochemical Techniques (SEPM)
Cao, Yingchang	Tuesday	p.m.	2:30	Palomino E	Theme 1: Diagenesis and Fluid Flux in Siliciclastic Sediments (SEPM)
Cao, Yingchang	Monday	all day	P40	Hall C	Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks (SEPM/AAPG)
Carlisle, Charles	Tuesday	all day	P4	Hall C	Additional AAPG Student Research Poster Session I
Carr, Timothy	Wednesday	p.m.	4:35	Hall B, Room 1	Theme 6: Advancement in Technology in Unconventional Plays (AAPG)
Carragher, Peter	Tuesday	a.m.	8:05	Palomino A/B/C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Cartigny, Matthieu	Monday	a.m.	10:50	Hall B, Room 2	Theme 1: Controls on Deepwater Sedimentation (SEPM/AAPG)
Carvajal Arenas, Luis Carlos	Monday	all day	P12	Hall C	AAPG Student Research Poster Session
Carvajal, Olga	Tuesday	p.m.	4:55	Palomino D	Theme 5: Geomechanics (AAPG/PSGD)
Casciello, Emilio	Monday	p.m.	4:55	Hall B, Room 3	Theme 5: Extensional Structural Systems and Basins (AAPG/PSGD)
Castelltort, Sebastien	Monday	a.m.	8:25	Hall B, Room 2	Theme 1: Controls on Deepwater Sedimentation (SEPM/AAPG)
Cavanaugh, Timothy	Tuesday	all day	P134	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Chalmers, Gareth	Wednesday	a.m.	10:50	Hall B, Room 2	Theme 6: WCSB Unconventional Plays (EMD)
Chateau, Chloe	Monday	a.m.	8:45	Hall B, Room 4	Theme 7: Oil Sands I: Facies (EMD/SEPM)
Chatellier, Jean-Yves	Tuesday	a.m.	10:30	Palomino A/B/C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Chatellier, Jean-Yves	Wednesday	p.m.	2:50	Hall B, Room 1	Theme 6: Advancement in Technology in Unconventional Plays (AAPG)
Chauvin, Benjamin	Tuesday	a.m.	10:30	Palomino D	Theme 5: Structural Interpretation Quality and Methods (AAPG/PSGD)
Chen, Chen	Monday	all day	P72	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Chen, Si	Tuesday	all day	P97	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Chen, Yueting	Tuesday	all day	P122	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Chen, Zhuoheng	Wednesday	p.m.	4:15	Hall B, Room 3	Theme 4: Geochemistry and Geomechanics in Petroleum System Models of Unconventional Resources (AAPG)
Cheney, Alexander	Wednesday	all day	P14	Hall C	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Cheng, Yanjun	Wednesday	all day	P127	Hall C	Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)
Chesley, John	Tuesday	all day	P10	Hall C	Additional AAPG Student Research Poster Session I
Choi, Kyungsik	Wednesday	p.m.	3:55	Hall B, Room 2	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Chopra, Satinder	Tuesday	a.m.	9:05	Hall B, Room 4	Theme 9: Reservoir Characterization in Unconventional Plays (AAPG)
Chopra, Satinder	Monday	all day	P124	Hall C	Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)
Chou, Queena	Tuesday	all day	P36	Hall C	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Clarey, Timothy	Wednesday	all day	P13	Hall C	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Clift, Peter	Monday	a.m.	8:45	Hall B, Room 2	Theme 1: Controls on Deepwater Sedimentation (SEPM/AAPG)
Clift, Peter	Wednesday	p.m.	2:50	Hall B, Room 2	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Close, David	Monday	a.m.	11:30	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays I: Case Studies (AAPG/SEPM)
Cobain, Sarah	Tuesday	all day	P39	Hall C	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Coderre, Adam	Monday	a.m.	10:50	Hall B, Room 4	Theme 7: Oil Sands I: Facies (EMD/SEPM)
Collins, Ben	Tuesday	a.m.	8:45	Hall B, Room 4	Theme 9: Reservoir Characterization in Unconventional Plays (AAPG)
Collins, Daniel	Wednesday	a.m.	8:05	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems I (SEPM)
Collins, Joel	Tuesday	p.m.	2:50	Palomino A/B/C	Theme 2: Double and Triple Porosity in Carbonates (SEPM/AAPG)

# PRESENTER CROSS REFERENCE

Colombera, Luca	Monday	all day	P66	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Connell, Sean	Monday	p.m.	1:50	Palomino E	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Connors, Christopher	Monday	p.m.	2:10	Hall B, Room 3	Theme 5: Extensional Structural Systems and Basins (AAPG/PSGD)
Connors, Marisa	Wednesday	all day	P81	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources II (AAPG)
Conte, Roy	Tuesday	a.m.	8:25	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays II: Optimization and Performance (AAPG/SEPM)
Cook, Douglas	Monday	p.m.	1:50	Palomino A/B/C	Theme 6: New Frontiers in Space and Alternative Energy (EMD)
Cooper, Mark	Tuesday	p.m.	2:50	Hall B, Room 3	Theme 5: Compressional Structural Systems and Basins (AAPG/PSGD)
Core, Elson	Monday	all day	P87	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
Corlett, Hilary	Tuesday	p.m.	4:15	Palomino E	Theme 1: Diagenesis and Fluid Flux in Siliciclastic Sediments (SEPM)
Costantino, Diego	Wednesday	all day	P111	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Couples, Gary	Tuesday	p.m.	5:15	Hall B, Room 3	Theme 5: Compressional Structural Systems and Basins (AAPG/PSGD)
Coutts, Daniel	Tuesday	all day	P93	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Craddock, William	Tuesday	p.m.	2:30	Hall B, Room 3	Theme 5: Compressional Structural Systems and Basins (AAPG/PSGD)
Craddock, William	Tuesday	all day	P99	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Crombez, Vincent	Monday	a.m.	8:45	Palomino A/B/C	Theme 6: Source Potential and Maturity (AAPG)
Cui, Albert	Wednesday	p.m.	2:30	Hall B, Room 1	Theme 6: Advancement in Technology in Unconventional Plays (AAPG)
Cui, Albert	Wednesday	p.m.	2:50	Hall B, Room 3	Theme 4: Geochemistry and Geomechanics in Petroleum System Models of Unconventional Resources (AAPG)
Curtis, John	Tuesday	a.m.	11:10	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays II: Optimization and Performance (AAPG/SEPM)
Curtis, John	Wednesday	a.m.	10:50	Hall B, Room 3	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!)
Czypionka, Rainer	Wednesday	a.m.	8:25	Hall B, Room 2	Theme 6: WCSB Unconventional Plays (EMD)
Dafoe, Lynn	Tuesday	p.m.	2:50	Palomino F/G/H	Theme 1: Applied Micropaleontology and Ichology (SEPM)
Dalrymple, Robert	Wednesday	a.m.	10:30	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems I (SEPM)
Danger, Nick	Tuesday	all day	P22	Hall C	Additional AAPG Student Research Poster Session II
Daniels, Benjamin	Wednesday	all day	P20	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Dashtgard, Shahin	Wednesday	a.m.	10:10	Palomino E	Theme 1: Mudstone Diagenesis and the Role of Anoxia (SEPM)
Davies, Marissa	Tuesday	p.m.	1:50	Palomino F/G/H	Theme 1: Applied Micropaleontology and Ichology (SEPM)
Davis, Drew	Tuesday	all day	P8	Hall C	Additional AAPG Student Research Poster Session I
de la Rocha, Luciana	Monday	all day	P1	Hall C	AAPG Student Research Poster Session
de Leeuw, Jan	Tuesday	all day	P65	Hall C	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)
Dehari, Eliinda	Monday	all day	P122	Hall C	Theme 1: Marine and Fluvial Reservoirs: Western Canadian Examples (SEPM/AAPG)
Dembicki, Eugene	Monday	a.m.	10:30	Hall B, Room 4	Theme 7: Oil Sands I: Facies (EMD/SEPM)
Denny, Adam	Monday	all day	P34	Hall C	Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks (SEPM/AAPG)
Deptuck, Mark	Monday	p.m.	4:15	Hall B, Room 3	Theme 5: Extensional Structural Systems and Basins (AAPG/PSGD)
DeReuil, Aubry	Wednesday	all day	P96	Hall C	Theme 5: Geomechanics Case Studies and Applications (AAPG/PSGD)
Desjardins, Patricio	Wednesday	p.m.	3:55	Hall B, Room 1	Theme 6: Advancement in Technology in Unconventional Plays (AAPG)
di Cuia, Raffaele	Tuesday	p.m.	4:15	Hall B, Room 3	Theme 5: Compressional Structural Systems and Basins (AAPG/PSGD)
Diaz, Mara	Wednesday	p.m.	3:55	Palomino E	Theme 2: Geobiology of Carbonate Systems (SEPM)
Dicaprio, Christopher	Tuesday	all day	P105	Hall C	Theme 7: Oil Sands (EMD)
Dickson, William	Monday	all day	P96	Hall C	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) (AAPG/SEPM)
DiMarzio, Jenna	Wednesday	all day	P59	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources I (AAPG)
Dinc, Gulce	Monday	p.m.	2:50	Hall B, Room 3	Theme 5: Extensional Structural Systems and Basins (AAPG/PSGD)
Ding, Xiujian	Wednesday	all day	P77	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources II (AAPG)
Dodson, Tim	Monday	p.m.	5:35	Hall B, Room 2	Michel T. Halbouty Lecture (AAPG)
Donahoe, Rona	Tuesday	p.m.	2:10	Hall B, Room 2	Theme 6: Microscale Imaging for Unconventional Plays (AAPG)
Dong, Tian	Monday	all day	P108	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Doughty-Jones, Gemma	Monday	a.m.	8:05	Hall B, Room 2	Theme 1: Controls on Deepwater Sedimentation (SEPM/AAPG)
Dowey, Patrick	Wednesday	all day	P74	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Dowla, Naila	Monday	all day	P3	Hall C	AAPG Student Research Poster Session
Drago, Leonard	Wednesday	all day	P85	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Drake, Ronald	Wednesday	all day	P61	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Droxler, Andre	Wednesday	p.m.	2:10	Palomino E	Theme 2: Geobiology of Carbonate Systems (SEPM)
Duan, Zhongfeng	Tuesday	all day	P84	Hall C	Theme 3: Environmental Practices and Sequestration (DEG)
Duarte, Adrienne	Tuesday	all day	P13	Hall C	Additional AAPG Student Research Poster Session II
Duff, Patrick	Tuesday	all day	P48	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Dukes, R.T.	Wednesday	p.m.	1:50	Palomino A/B/C	Theme 6: International Unconventional Plays (AAPG)
Dumitrescu, Carmen	Tuesday	all day	P107	Hall C	Theme 7: Oil Sands (EMD)

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Dunham, John	Tuesday	all day	P123	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Dunham, Michael	Wednesday	all day	P36	Hall C	Theme 9: Integration and Interpretation of Geophysical Techniques and Rock Physics (AAPG)
Dunn, Lindsay	Wednesday	a.m.	10:30	Hall B, Room 2	Theme 6: WCSB Unconventional Plays (EMD)
Durkin, Paul	Wednesday	p.m.	4:55	Hall B, Room 2	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Durkin, Paul	Tuesday	all day	P57	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Eberli, Gregor	Monday	a.m.	8:25	Hall B, Room 1	Theme 2: Modeling of Cenozoic Carbonate and Evaporite Systems (SEPM)
Egenhoff, Sven	Tuesday	a.m.	9:05	Hall B, Room 2	Theme 2: Unconventional Carbonate Reservoirs I (SEPM/AAPG)
Egenhoff, Sven	Tuesday	a.m.	10:10	Palomino E	Theme 1: Physical Processes and Patterns of Mud Dispersal and Their Expressions (SEPM)
Eggie, Lauren	Wednesday	a.m.	8:45	Palomino E	Theme 2: Unconventional Carbonate Reservoirs II (SEPM/AAPG)
Eichhubl, Peter	Tuesday	p.m.	5:15	Palomino D	Theme 5: Geomechanics (AAPG/PSGD)
Eichhubl, Peter	Wednesday	a.m.	8:45	Palomino D	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Ekunwufe, Ifunanya	Monday	all day	P28	Hall C	SEPM Student Research Poster Session
Ellingsrud, Svein	Wednesday	all day	P34	Hall C	Theme 9: Integration and Interpretation of Geophysical Techniques and Rock Physics (AAPG)
Elliott, E Judith	Wednesday	a.m.	8:05	Hall B, Room 4	Theme 9: Practical Microseismic and 4-D Seismic (AAPG)
Ellis, Geoffrey	Wednesday	all day	P54	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources I (AAPG)
Elrafie, Emad	Wednesday	p.m.	2:10	Palomino A/B/C	Theme 6: International Unconventional Plays (AAPG)
Emmanuel, Olusanmi	Tuesday	a.m.	9:05	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays II: Optimization and Performance (AAPG/SEPM)
Essex, Caleb	Tuesday	all day	P96	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Etemad, Sahand	Tuesday	all day	P143	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Ettinger, Nick	Tuesday	a.m.	11:30	Hall B, Room 2	Theme 2: Unconventional Carbonate Reservoirs I (SEPM/AAPG)
Farrell, Kathleen	Monday	all day	P68	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Fazlikhani, Hamed	Monday	a.m.	8:45	Palomino D	Theme 5: Multi-Phase Deformation Systems and the Role of Structural Inheritance (AAPG/PSGD)
Fei, Jin	Tuesday	all day	P63	Hall C	Theme 6: Geostatistics of Unconventional Plays (AAPG)
Fernandez-Ibanez, Fermin	Tuesday	p.m.	4:15	Palomino A/B/C	Theme 2: Double and Triple Porosity in Carbonates (SEPM/AAPG)
Ferri, Filippo	Monday	a.m.	8:25	Palomino A/B/C	Theme 6: Source Potential and Maturity (AAPG)
Ferrill, David	Wednesday	p.m.	2:10	Palomino D	Theme 5: Role of Structural Analysis in Unconventional Resource Development (AAPG/PSGD)
Fielding, Christopher	Tuesday	p.m.	3:55	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Fielding, Christopher	Wednesday	p.m.	4:35	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems II (SEPM)
Finch, Emma	Wednesday	all day	P122	Hall C	Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)
Flaig, Peter	Wednesday	a.m.	11:30	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems I (SEPM)
Fletcher, Kirsten	Monday	all day	P125	Hall C	Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)
Fleury, Marc	Tuesday	all day	P133	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Fockler, Meridee	Wednesday	a.m.	8:05	Hall B, Room 2	Theme 6: WCSB Unconventional Plays (EMD)
Fosdick, Julie	Tuesday	p.m.	4:55	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Fowler, Martin	Wednesday	a.m.	8:25	Hall B, Room 3	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!)
Fox, Andrew	Sunday	p.m.	12:55	Hall B, Room 3	History of Petroleum Geology (AAPG)
Frank, Tracy	Tuesday	all day	P115	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Fraser, Kelli	Monday	a.m.	11:30	Hall B, Room 4	Theme 7: Oil Sands I: Facies (EMD/SEPM)
Fratlicelli, Carmen	Monday	p.m.	2:50	Palomino E	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Fratlicelli, Carmen	Tuesday	all day	P94	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Fratlicelli, Carmen	Wednesday	all day	P109	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Fritz, Rick	Monday	a.m.	10:50	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays I: Case Studies (AAPG/SEPM)
Frost, Brian	Monday	p.m.	4:35	Hall B, Room 2	Discovery Thinking (AAPG/DPA)
Furlong, Carolyn	Tuesday	p.m.	4:15	Palomino F/G/H	Theme 1: Applied Micropaleontology and Ichnology (SEPM)
Gale, Julia	Wednesday	p.m.	2:50	Palomino D	Theme 5: Role of Structural Analysis in Unconventional Resource Development (AAPG/PSGD)
Gall, Ryan	Wednesday	all day	P12	Hall C	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Galvis-Portilla, Henry	Wednesday	all day	P7	Hall C	Additional AAPG Student Research Poster Session III
Gao, Jian	Wednesday	all day	P22	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Gao, Jian	Wednesday	all day	P58	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources I (AAPG)
Gao, Min	Monday	all day	P45	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Garcia, Hugo	Tuesday	a.m.	8:45	Palomino D	Theme 5: Structural Interpretation Quality and Methods (AAPG/PSGD)
Garcia-Fresca, Beatriz	Tuesday	a.m.	10:10	Hall B, Room 2	Theme 2: Unconventional Carbonate Reservoirs I (SEPM/AAPG)
Gard, Gunilla	Monday	all day	P59	Hall C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Garrett, Kathryn	Wednesday	all day	P40	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)

# PRESENTER CROSS REFERENCE

Gawthorpe, Robert	Monday	a.m.	9:05	Hall B, Room 2	Theme 1: Controls on Deepwater Sedimentation (SEPM/AAPG)
Gegolick, Aimee	Wednesday	a.m.	11:10	Hall B, Room 2	Theme 6: WCSB Unconventional Plays (EMD)
Ghanizadeh, Amin	Monday	p.m.	5:15	Palomino A/B/C	Theme 6: Pore Scale Techniques for Unconventional Plays (AAPG)
Gharechelou, Sajjad	Wednesday	all day	P90	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Gianoutsos, Nicholas	Wednesday	all day	P62	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Gingras, Murray	Monday	a.m.	8:05	Hall B, Room 4	Theme 7: Oil Sands I: Facies (EMD/SEPM)
Giunta, David	Wednesday	p.m.	4:35	Palomino D	Theme 5: Role of Structural Analysis in Unconventional Resource Development (AAPG/PSGD)
Glover, Ken	Tuesday	p.m.	2:30	Palomino D	Theme 5: Geomechanics (AAPG/PSGD)
Glover, Ken	Wednesday	all day	P101	Hall C	Theme 5: Geomechanics Case Studies and Applications (AAPG/PSGD)
Gomes, Sonnet	Tuesday	all day	P7	Hall C	Additional AAPG Student Research Poster Session I
Gomez, Shenelle	Monday	all day	P15	Hall C	AAPG Student Research Poster Session
Goodarzi, Fariborz	Wednesday	p.m.	2:10	Hall B, Room 4	Theme 6: Other Energy Minerals: Coal, CBM and Oil Shale (EMD)
Goodarzi, Fariborz	Wednesday	all day	P71	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Goodfellow, Sebastian	Wednesday	a.m.	8:25	Palomino D	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Grant, Ross	Monday	p.m.	4:35	Hall B, Room 1	Theme 2: Modeling of Ancient Carbonate and Evaporite Systems (SEPM)
Green, John	Wednesday	all day	P6	Hall C	Additional AAPG Student Research Poster Session III
Griffiths, Joshua	Tuesday	p.m.	4:55	Palomino E	Theme 1: Diagenesis and Fluid Flux in Siliciclastic Sediments (SEPM)
Grove, Benjamin	Wednesday	p.m.	4:55	Palomino D	Theme 5: Role of Structural Analysis in Unconventional Resource Development (AAPG/PSGD)
Guest, Bernard	Wednesday	all day	P128	Hall C	Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)
GUI, LI	Wednesday	all day	P79	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources II (AAPG)
Guises, Romain	Tuesday	p.m.	3:55	Palomino D	Theme 5: Geomechanics (AAPG/PSGD)
Guo, Jiaqi	Wednesday	all day	P76	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources II (AAPG)
Gutierrez, Mario	Tuesday	all day	P11	Hall C	Additional AAPG Student Research Poster Session II
Gxaba, Zamazangwa	Wednesday	all day	P73	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Haar, Kimberley	Wednesday	a.m.	10:50	Hall B, Room 4	Theme 9: Practical Microseismic and 4-D Seismic (AAPG)
Hackley, Paul	Monday	a.m.	11:10	Palomino A/B/C	Theme 6: Source Potential and Maturity (AAPG)
Haizhou, Qu	Tuesday	all day	P129	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Hall, Brendon	Tuesday	p.m.	4:15	Hall B, Room 2	Theme 6: Microscale Imaging for Unconventional Plays (AAPG)
Hammad, Nida'a	Tuesday	all day	P82	Hall C	Theme 3: Environmental Practices and Sequestration (DEG)
Hammes, Ursula	Monday	a.m.	8:05	Palomino A/B/C	Theme 6: Source Potential and Maturity (AAPG)
Hannah, Judith	Monday	a.m.	11:10	Palomino E	Theme 4: Novel Calibration Tools for Petroleum System Models (AAPG)
Hargreaves, Anne	Wednesday	all day	P17	Hall C	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Harris, Ashley	Wednesday	a.m.	9:05	Palomino A/B/C	Theme 1: Controls on Source-to-Sink Systems (SEPM)
Harris, Nicholas	Wednesday	p.m.	2:50	Palomino A/B/C	Theme 6: International Unconventional Plays (AAPG)
Harris, Paul (Mitch)	Monday	a.m.	8:05	Hall B, Room 1	Theme 2: Modeling of Cenozoic Carbonate and Evaporite Systems (SEPM)
Hartley, Adrian	Monday	p.m.	2:10	Palomino E	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Hasiotis, Stephen	Tuesday	p.m.	5:15	Palomino F/G/H	Theme 1: Applied Micropaleontology and Ichthyology (SEPM)
Hasiuk, Franciszek	Tuesday	a.m.	8:05	Hall B, Room 2	Theme 2: Unconventional Carbonate Reservoirs I (SEPM/AAPG)
Hathway, Ben	Tuesday	all day	P108	Hall C	Theme 7: Oil Sands (EMD)
Hauck, Tyler	Tuesday	all day	P114	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Hauck, Tyler	Wednesday	all day	P42	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)
Hauf, Paulina	Tuesday	all day	P112	Hall C	Theme 7: Oil Sands (EMD)
Houghton, Peter	Monday	p.m.	1:50	Palomino D	Theme 1: Turbidite Facies: Channels, Fans and Event Beds (SEPM)
Hayes, Brad	Wednesday	p.m.	4:55	Palomino A/B/C	Theme 6: International Unconventional Plays (AAPG)
He, Min	Monday	all day	P134	Hall C	Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)
He, Zhiyong	Wednesday	a.m.	10:10	Hall B, Room 3	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!)
Heidari, Zoya	Tuesday	a.m.	10:50	Hall B, Room 4	Theme 9: Reservoir Characterization in Unconventional Plays (AAPG)
Heidari, Zoya	Wednesday	p.m.	4:15	Hall B, Room 1	Theme 6: Advancement in Technology in Unconventional Plays (AAPG)
Heij, Gerhard	Tuesday	all day	P23	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Hein, Frances	Sunday	p.m.	2:35	Hall B, Room 3	History of Petroleum Geology (AAPG)
Henstra, Gijs	Tuesday	all day	P75	Hall C	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)
Henza, Alissa	Wednesday	all day	P121	Hall C	Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)
Herbers, David	Wednesday	p.m.	5:15	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems II (SEPM)
Hernandez Bilbao, Eider	Tuesday	all day	P136	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Herz-Thyhsen, Ryan	Wednesday	all day	P53	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources I (AAPG)
Higgs, Andy	Monday	all day	P126	Hall C	Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)
Hildred, Gemma	Monday	a.m.	11:30	Palomino A/B/C	Theme 6: Source Potential and Maturity (AAPG)
Hildred, Gemma	Monday	p.m.	2:50	Hall B, Room 4	Theme 7: Oil Sands II: Stratigraphy (EMD/SEPM)
Hills, Denise	Monday	p.m.	3:55	Palomino F/G/H	Theme 3: Injection and Sequestration (DEG)

# PRESENTER CROSS REFERENCE

Hodan, Marta	Monday	all day	P33	Hall C	SEPM Student Research Poster Session
Hogg, John	Monday	p.m.	3:55	Hall B, Room 2	Discovery Thinking (AAPG/DPA)
Hohman, John	Tuesday	a.m.	8:05	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays II: Optimization and Performance (AAPG/SEPM)
Hollis, Cathy	Wednesday	all day	P47	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)
Honegger, Louis	Tuesday	all day	P88	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Hooks, Christopher	Tuesday	all day	P109	Hall C	Theme 7: Oil Sands (EMD)
Hooper, Elizabeth	Wednesday	all day	P30	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Hopson, Heath	Tuesday	all day	P18	Hall C	Additional AAPG Student Research Poster Session II
Horner, Robert	Tuesday	all day	P58	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Horton, Brian	Tuesday	p.m.	5:15	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Horton, Robert	Tuesday	p.m.	3:55	Palomino E	Theme 1: Diagenesis and Fluid Flux in Siliciclastic Sediments (SEPM)
Hosford Scheirer, Allegra	Wednesday	p.m.	1:50	Hall B, Room 3	Theme 4: Geochemistry and Geomechanics in Petroleum System Models of Unconventional Resources (AAPG)
Houseknecht, David	Monday	p.m.	1:50	Hall B, Room 3	Theme 5: Extensional Structural Systems and Basins (AAPG/PSGD)
Howe, Tyler	Monday	all day	P77	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Howell, John	Wednesday	p.m.	1:50	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems II (SEPM)
Hu, Yuan	Monday	a.m.	11:30	Palomino E	Theme 4: Novel Calibration Tools for Petroleum System Models (AAPG)
Hu, Yuan	Monday	all day	P36	Hall C	Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks (SEPM/AAPG)
Hu, Yuan	Wednesday	all day	P91	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Huang, Chuqiao	Monday	all day	P22	Hall C	SEPM Student Research Poster Session
Huang, Haiping	Monday	a.m.	8:45	Palomino E	Theme 4: Novel Calibration Tools for Petroleum System Models (AAPG)
Hubbard, Stephen	Tuesday	a.m.	10:50	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Hudson, Samuel	Wednesday	a.m.	10:30	Palomino E	Theme 1: Mudstone Diagenesis and the Role of Anoxia (SEPM)
Humphrey, John	Tuesday	a.m.	11:10	Hall B, Room 2	Theme 2: Unconventional Carbonate Reservoirs I (SEPM/AAPG)
Hunger, Gabriel	Tuesday	all day	P89	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Hunt, Tim	Wednesday	all day	P46	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)
Hurd, Gregory	Tuesday	a.m.	10:50	Hall B, Room 2	Theme 2: Unconventional Carbonate Reservoirs I (SEPM/AAPG)
Husinec, Antun	Monday	all day	P93	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
Ibrahim, Mahadia	Tuesday	p.m.	2:10	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Idzior, Ryan	Wednesday	all day	P97	Hall C	Theme 5: Geomechanics Case Studies and Applications (AAPG/PSGD)
Ikwaakor, Killian	Wednesday	all day	P32	Hall C	Theme 9: Integration and Interpretation of Geophysical Techniques and Rock Physics (AAPG)
Illidge, Erick	Tuesday	p.m.	1:50	Hall B, Room 4	Theme 9: Seismic Attribute Applications and Case Studies (AAPG)
Jacquemyn, Carl	Monday	all day	P89	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
Jacquemyn, Carl	Wednesday	all day	P44	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)
Jacquemyn, Carl	Wednesday	all day	P45	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)
Jancuska, Sarah	Tuesday	all day	P77	Hall C	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)
Janicki, Ed	Monday	all day	P111	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Jarvie, Daniel	Wednesday	a.m.	10:30	Hall B, Room 3	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!)
Jennings, Deserae	Tuesday	all day	P125	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Jensen, Gavin	Monday	all day	P37	Hall C	Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks (SEPM/AAPG)
Jensen, Gavin	Tuesday	all day	P87	Hall C	Theme 3: Environmental Practices and Sequestration (DEG)
Jiang, Chungqing (Dennis)	Monday	all day	P100	Hall C	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) (AAPG/SEPM)
Jin, Hui	Wednesday	all day	P95	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Jin, Lei	Wednesday	all day	P98	Hall C	Theme 5: Geomechanics Case Studies and Applications (AAPG/PSGD)
Jindal, Nidhi	Wednesday	all day	P39	Hall C	Theme 9: Integration and Interpretation of Geophysical Techniques and Rock Physics (AAPG)
Jobe, Tiffany	Wednesday	all day	P49	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)
Jobe, Zane	Monday	a.m.	11:10	Hall B, Room 2	Theme 1: Controls on Deepwater Sedimentation (SEPM/AAPG)
John, Cedric	Tuesday	all day	P118	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Johnson, Cari	Tuesday	p.m.	2:50	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Johnson, Cory	Monday	all day	P70	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Johnson, Sienna	Tuesday	all day	P9	Hall C	Additional AAPG Student Research Poster Session I
Johnston, Shelby	Tuesday	all day	P56	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Jones, Gareth	Tuesday	p.m.	2:30	Palomino A/B/C	Theme 2: Double and Triple Porosity in Carbonates (SEPM/AAPG)
Jones, Macy	Wednesday	p.m.	2:10	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems II (SEPM)
Jones, Richard	Wednesday	a.m.	10:30	Palomino D	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Juárez-Arriaga, Edgar	Monday	all day	P48	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Jung, Eunsil	Tuesday	all day	P5	Hall C	Additional AAPG Student Research Poster Session I
Junlong, Liu	Monday	all day	P44	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition I

## PRESENTER CROSS REFERENCE

Kaczmarek, Stephen	Wednesday	a.m.	10:10	Hall B, Room 1	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Kasahara, Junzo	Wednesday	a.m.	11:30	Hall B, Room 4	Theme 9: Practical Microseismic and 4-D Seismic (AAPG)
Katz, Barry	Wednesday	p.m.	2:30	Hall B, Room 3	Theme 4: Geochemistry and Geomechanics in Petroleum System Models of Unconventional Resources (AAPG)
Keighley, Dave	Tuesday	p.m.	1:50	Palomino E	Theme 1: Diagenesis and Fluid Flux in Siliciclastic Sediments (SEPM)
Kennedy, Martin	Monday	a.m.	9:05	Palomino F/G/H	Theme 3: Water Management: Established and Future Practice (DEG)
Kennedy, Martin	Tuesday	p.m.	4:55	Hall B, Room 2	Theme 6: Microscale Imaging for Unconventional Plays (AAPG)
Kerans, Charles	Monday	all day	P84	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
Keshavarzi, Reza	Tuesday	all day	P28	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Keswani, Arjun	Tuesday	p.m.	2:10	Palomino F/G/H	Theme 1: Applied Micropaleontology and Ichnology (SEPM)
Khani, Alireza	Wednesday	p.m.	5:15	Hall B, Room 4	Theme 7: Oil Sands III: Reserves, Caprocks and the Environment (EMD)
Khanna, Pankaj	Tuesday	all day	P19	Hall C	Additional AAPG Student Research Poster Session II
Khatri, Shashank	Tuesday	all day	P44	Hall C	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Kimmel, V	Wednesday	p.m.	5:15	Palomino E	Theme 2: Geobiology of Carbonate Systems (SEPM)
Kimmerle, Stephanie	Monday	all day	P23	Hall C	SEPM Student Research Poster Session
Klausen, Tore	Tuesday	a.m.	10:30	Palomino E	Theme 1: Physical Processes and Patterns of Mud Dispersal and Their Expressions (SEPM)
Klausen, Tore	Wednesday	p.m.	2:30	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems II (SEPM)
Knapp, Jonathan	Monday	all day	P57	Hall C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Knapp, Levi	Monday	a.m.	8:25	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays I: Case Studies (AAPG/SEPM)
Knopp, Stefan	Wednesday	all day	P16	Hall C	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Ko, Lucy Tingwei	Monday	a.m.	10:10	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays I: Case Studies (AAPG/SEPM)
Komaromi, Bram	Wednesday	p.m.	4:15	Palomino D	Theme 5: Role of Structural Analysis in Unconventional Resource Development (AAPG/PSGD)
Kong, Bing	Tuesday	all day	P29	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Kong, Xiangwen	Wednesday	p.m.	2:50	Hall B, Room 4	Theme 6: Other Energy Minerals: Coal, CBM and Oil Shale (EMD)
Kornacki, Alan	Monday	a.m.	8:25	Palomino E	Theme 4: Novel Calibration Tools for Petroleum System Models (AAPG)



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Kornacki, Alan	Monday	all day	P97	Hall C	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) (AAPG/SEPM)
Kovalchuk, Olga	Tuesday	p.m.	4:55	Palomino F/G/H	Theme 1: Applied Micropaleontology and Ichology (SEPM)
Kovaleva, Liana	Tuesday	all day	P106	Hall C	Theme 7: Oil Sands (EMD)
Krantz, Bob	Monday	a.m.	10:10	Palomino D	Theme 5: Multi-Phase Deformation Systems and the Role of Structural Inheritance (AAPG/PSGD)
Krantz, Bob	Tuesday	a.m.	10:10	Palomino D	Theme 5: Structural Interpretation Quality and Methods (AAPG/PSGD)
Kratochvil, Anthony	Wednesday	p.m.	3:10	Palomino A/B/C	Theme 6: International Unconventional Plays (AAPG)
Kraus, Jürgen	Tuesday	p.m.	1:50	Hall B, Room 3	Theme 5: Compressional Structural Systems and Basins (AAPG/PSGD)
Krause, Federico	Tuesday	p.m.	1:50	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Krause, Federico	Tuesday	p.m.	4:35	Hall B, Room 2	Theme 6: Microscale Imaging for Unconventional Plays (AAPG)
Kreuzer, Rebecca	Tuesday	all day	P37	Hall C	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
La Croix, Andrew	Monday	a.m.	9:05	Hall B, Room 4	Theme 7: Oil Sands I: Facies (EMD/SEPM)
Laake, Andreas	Tuesday	p.m.	5:15	Hall B, Room 4	Theme 9: Seismic Attribute Applications and Case Studies (AAPG)
Laake, Andreas	Wednesday	all day	P37	Hall C	Theme 9: Integration and Interpretation of Geophysical Techniques and Rock Physics (AAPG)
Læseth, Helge	Wednesday	a.m.	8:45	Hall B, Room 3	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!)
Lagrilliere, Nick	Monday	all day	P58	Hall C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Lancaster, Dan	Tuesday	a.m.	8:45	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays II: Optimization and Performance (AAPG/SEPM)
Langenberg, Willem	Sunday	p.m.	1:55	Hall B, Room 3	History of Petroleum Geology (AAPG)
LaReau, Heather	Wednesday	p.m.	4:55	Hall B, Room 3	Theme 4: Geochemistry and Geomechanics in Petroleum System Models of Unconventional Resources (AAPG)
Laughrey, Christopher	Wednesday	a.m.	10:50	Palomino E	Theme 1: Mudstone Diagenesis and the Role of Anoxia (SEPM)
Lavoie, Denis	Tuesday	p.m.	4:15	Palomino D	Theme 5: Geomechanics (AAPG/PSGD)
Laya, Juan	Tuesday	all day	P124	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Le Guerroué, Erwan	Wednesday	all day	P56	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources I (AAPG)
Lechtenberg, Karen	Monday	all day	P91	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
Leetaru, Hannes	Monday	p.m.	2:10	Palomino F/G/H	Theme 3: Injection and Sequestration (DEG)
Lehu, Remi	Tuesday	all day	P52	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Leier, Andrew	Tuesday	a.m.	10:30	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Lemay, Anthony	Tuesday	all day	P102	Hall C	Theme 7: Oil Sands (EMD)
Leonard, Joel	Monday	all day	P49	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Leva López, Julio	Tuesday	p.m.	4:15	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Leva López, Julio	Wednesday	p.m.	3:10	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems II (SEPM)
Lewan, Michael	Monday	a.m.	10:10	Palomino E	Theme 4: Novel Calibration Tools for Petroleum System Models (AAPG)
Li, Ang	Monday	p.m.	2:30	Palomino A/B/C	Theme 6: New Frontiers in Space and Alternative Energy (EMD)
Li, Meijun	Wednesday	all day	P89	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Li, Qi	Wednesday	p.m.	5:15	Palomino A/B/C	Theme 6: International Unconventional Plays (AAPG)
Li, Zhiyang	Tuesday	a.m.	11:30	Palomino E	Theme 1: Physical Processes and Patterns of Mud Dispersal and Their Expressions (SEPM)
Lin, Wen	Monday	all day	P21	Hall C	SEPM Student Research Poster Session
Liner, David	Monday	all day	P56	Hall C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Ling, Anna	Monday	all day	P85	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
Lingrey, Steven	Wednesday	all day	P120	Hall C	Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)
Liu, Chuncheng	Tuesday	a.m.	10:30	Hall B, Room 4	Theme 9: Reservoir Characterization in Unconventional Plays (AAPG)
Liu, Haoran	Wednesday	all day	P5	Hall C	Additional AAPG Student Research Poster Session III
Liu, Hua	Wednesday	all day	P82	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources II (AAPG)
Liu, Jianliang	Wednesday	all day	P86	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Logan, Katie	Tuesday	all day	P121	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Lonergan, Lidia	Monday	a.m.	10:10	Hall B, Room 2	Theme 1: Controls on Deepwater Sedimentation (SEPM/AAPG)
Lonergan, Lidia	Monday	p.m.	4:35	Hall B, Room 3	Theme 5: Extensional Structural Systems and Basins (AAPG/PSGD)
Longhitano, Sergio	Tuesday	all day	P95	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Lopez-Mir, Berta	Monday	p.m.	2:30	Hall B, Room 3	Theme 5: Extensional Structural Systems and Basins (AAPG/PSGD)
Losonsky, George	Monday	p.m.	1:50	Palomino F/G/H	Theme 3: Injection and Sequestration (DEG)
Loucks, Robert	Monday	p.m.	4:35	Palomino A/B/C	Theme 6: Pore Scale Techniques for Unconventional Plays (AAPG)
Loucks, Robert	Tuesday	p.m.	4:55	Palomino A/B/C	Theme 2: Double and Triple Porosity in Carbonates (SEPM/AAPG)
Loureiro, Patrick	Wednesday	all day	P2	Hall C	Additional AAPG Student Research Poster Session III
Lowe, David	Wednesday	p.m.	2:30	Hall B, Room 2	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Lowery, Christopher	Monday	all day	P131	Hall C	Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)

# PRESENTER CROSS REFERENCE

Luber, Tim	Tuesday	all day	P92	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Ludvigson, Gregory	Tuesday	a.m.	11:30	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Luna Gonzalez, Joao	Monday	all day	P83	Hall C	Theme 1: Insights Into Mudrock Stratigraphy (SEPM)
Lyster, Steven	Wednesday	p.m.	4:55	Hall B, Room 1	Theme 6: Advancement in Technology in Unconventional Plays (AAPG)
Ma, Benben	Monday	all day	P42	Hall C	Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks (SEPM/AAPG)
Ma, Xiaodong	Tuesday	p.m.	4:35	Palomino D	Theme 5: Geomechanics (AAPG/PSGD)
Macdonald, David	Wednesday	a.m.	8:45	Palomino A/B/C	Theme 1: Controls on Source-to-Sink Systems (SEPM)
MacNeil, Alex	Tuesday	p.m.	1:50	Palomino A/B/C	Theme 2: Double and Triple Porosity in Carbonates (SEPM/AAPG)
Madof, Andrew	Monday	a.m.	10:30	Hall B, Room 2	Theme 1: Controls on Deepwater Sedimentation (SEPM/AAPG)
Madof, Andrew	Monday	p.m.	4:35	Palomino E	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Madof, Andrew	Monday	all day	P75	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Madritsch, Herfried	Wednesday	all day	P124	Hall C	Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)
Manche, Cameron	Tuesday	all day	P119	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Mann, Paul	Wednesday	all day	P112	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Marfisi, Emerson	Monday	p.m.	4:55	Hall B, Room 1	Theme 2: Modeling of Ancient Carbonate and Evaporite Systems (SEPM)
Marion, Kienan	Tuesday	all day	P1	Hall C	Additional AAPG Student Research Poster Session I
Marra, Kristen	Wednesday	all day	P64	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Martindale, Zachary	Tuesday	all day	P3	Hall C	Additional AAPG Student Research Poster Session I
Martinsen, Ole	Tuesday	p.m.	2:30	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Martyns-Yellowe, Kenneth	Tuesday	all day	P21	Hall C	Additional AAPG Student Research Poster Session II
Mason, Cody	Wednesday	a.m.	10:30	Palomino A/B/C	Theme 1: Controls on Source-to-Sink Systems (SEPM)
Maxwell, Shawn	Tuesday	p.m.	1:50	Palomino D	Theme 5: Geomechanics (AAPG/PSGD)
Mayorga-Gonzalez, Ligia	Monday	a.m.	9:05	Palomino A/B/C	Theme 6: Source Potential and Maturity (AAPG)
Mazur, Stan	Wednesday	all day	P108	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
McCaffrey, William	Tuesday	all day	P76	Hall C	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)
McCauley, Andrew	Wednesday	p.m.	5:15	Hall B, Room 3	Theme 4: Geochemistry and Geomechanics in Petroleum System Models of Unconventional Resources (AAPG)
McColloch, Austin	Monday	all day	P101	Hall C	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) (AAPG/SEPM)
McCormick, Cole	Wednesday	all day	P48	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)
McKenzie, Kyle	Monday	all day	P92	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
McMechan, Margot	Tuesday	a.m.	11:10	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
McMechan, Margot	Wednesday	all day	P28	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
McNeill, Donald	Wednesday	p.m.	4:15	Palomino E	Theme 2: Geobiology of Carbonate Systems (SEPM)
Mehana, Mohamed	Tuesday	all day	P142	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Mei, Harry	Wednesday	p.m.	1:50	Hall B, Room 1	Theme 6: Advancement in Technology in Unconventional Plays (AAPG)
Meirovitz, Casey	Monday	all day	P4	Hall C	AAPG Student Research Poster Session
Meng, Jingyao	Tuesday	all day	P81	Hall C	Theme 3: Environmental Practices and Sequestration (DEG)
Mercedes-Martin, Ramon	Wednesday	p.m.	3:10	Palomino E	Theme 2: Geobiology of Carbonate Systems (SEPM)



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6835 8<sup>th</sup> Street NE  
Calgary, Alberta, Canada  
T2E 7H7  
403-295-0588  
info@tarcore.com

www.tarcore.com

# PRESENTER CROSS REFERENCE

Miall, Andrew	Monday	p.m.	2:30	Palomino E	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Midwinter, Derrick	Monday	all day	P11	Hall C	AAPG Student Research Poster Session
Miyazaki, Brent	Monday	p.m.	4:55	Palomino F/G/H	Theme 3: Injection and Sequestration (DEG)
Mohammad, Sony	Tuesday	p.m.	2:10	Palomino A/B/C	Theme 2: Double and Triple Porosity in Carbonates (SEPM/AAPG)
Moldowan, John	Monday	a.m.	8:05	Palomino E	Theme 4: Novel Calibration Tools for Petroleum System Models (AAPG)
Molofsky, Lisa	Monday	a.m.	8:25	Palomino F/G/H	Theme 3: Water Management: Established and Future Practice (DEG)
Montgomery, Benjamin	Tuesday	all day	P78	Hall C	Theme 3: Environmental Practices and Sequestration (DEG)
Moragas, Mar	Wednesday	a.m.	8:05	Hall B, Room 1	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Moreira, Felipe	Monday	a.m.	10:50	Palomino F/G/H	Theme 3: Water Management: Established and Future Practice (DEG)
Morgan, Paul	Monday	p.m.	2:50	Palomino A/B/C	Theme 6: New Frontiers in Space and Alternative Energy (EMD)
Morrison, Natasha	Monday	all day	P8	Hall C	AAPG Student Research Poster Session
Morrow, David	Wednesday	a.m.	10:30	Hall B, Room 1	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Mosca, Fausto	Tuesday	a.m.	10:30	Palomino F/G/H	Theme 4: Petroleum System Modeling and Calibration of Conventional Resources (AAPG)
Moscarielli, Lorena	Monday	p.m.	4:35	Palomino D	Theme 1: Turbidite Facies: Channels, Fans and Event Beds (SEPM)
Moscariello, Andrea	Tuesday	p.m.	4:35	Palomino E	Theme 1: Diagenesis and Fluid Flux in Siliciclastic Sediments (SEPM)
Moslow, Thomas	Monday	a.m.	8:45	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays I: Case Studies (AAPG/SEPM)
Moynihan, William	Monday	all day	P25	Hall C	SEPM Student Research Poster Session
Mozley, Peter	Monday	p.m.	4:15	Palomino A/B/C	Theme 6: Pore Scale Techniques for Unconventional Plays (AAPG)
Mulhern, Julia	Wednesday	all day	P24	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Mullins, James	Wednesday	all day	P38	Hall C	Theme 9: Integration and Interpretation of Geophysical Techniques and Rock Physics (AAPG)
Munson, Erik	Monday	p.m.	3:55	Palomino A/B/C	Theme 6: Pore Scale Techniques for Unconventional Plays (AAPG)
Munson, Erik	Tuesday	all day	P130	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Murray, Sean	Wednesday	a.m.	9:05	Hall B, Room 1	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Murray, Sean	Tuesday	all day	P79	Hall C	Theme 3: Environmental Practices and Sequestration (DEG)
Mustaqeem, Azer	Monday	all day	P133	Hall C	Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)
Nandy, Dipanwita	Tuesday	a.m.	10:30	Hall B, Room 2	Theme 2: Unconventional Carbonate Reservoirs I (SEPM/AAPG)
Nazari, Negar	Monday	all day	P6	Hall C	AAPG Student Research Poster Session
Nazary Moghadam, Saeed	Tuesday	all day	P40	Hall C	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Neal, Thomas	Monday	a.m.	9:05	Hall B, Room 1	Theme 2: Modeling of Cenozoic Carbonate and Evaporite Systems (SEPM)
Nehring, Richard	Tuesday	a.m.	8:45	Palomino A/B/C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Nesheim, Timothy	Tuesday	a.m.	8:25	Palomino F/G/H	Theme 4: Petroleum System Modeling and Calibration of Conventional Resources (AAPG)
Nevekschonoff, Glen	Monday	p.m.	1:50	Hall B, Room 2	Discovery Thinking (AAPG/DPA)
Newitt, Dillon	Monday	all day	P112	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Newport, Sarah	Monday	all day	P82	Hall C	Theme 1: Insights Into Mudrock Stratigraphy (SEPM)
Newson, Andrew	Tuesday	p.m.	2:10	Hall B, Room 3	Theme 5: Compressional Structural Systems and Basins (AAPG/PSGD)
Nicholis, Michael	Tuesday	all day	P103	Hall C	Theme 7: Oil Sands (EMD)
Nielson, Adam	Tuesday	all day	P74	Hall C	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)
Nieto, John	Wednesday	p.m.	3:10	Hall B, Room 1	Theme 6: Advancement in Technology in Unconventional Plays (AAPG)
Nieto, Michael	Tuesday	all day	P126	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Nieuwenhuis, Greg	Monday	a.m.	11:30	Palomino F/G/H	Theme 3: Water Management: Established and Future Practice (DEG)
Nieuwenhuis, Greg	Wednesday	p.m.	4:55	Hall B, Room 4	Theme 7: Oil Sands III: Reserves, Caprocks and the Environment (EMD)
Niu, Zicheng	Tuesday	all day	P17	Hall C	Additional AAPG Student Research Poster Session II
Niu, Zicheng	Wednesday	all day	P4	Hall C	Additional AAPG Student Research Poster Session III
Nixon, Casey	Wednesday	a.m.	9:05	Palomino D	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Nixon, Casey	Tuesday	all day	P42	Hall C	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Noad, Jon	Wednesday	p.m.	1:50	Hall B, Room 2	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Noad, Jon	Monday	all day	P63	Hall C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Nolting, Andrea	Monday	a.m.	10:30	Hall B, Room 1	Theme 2: Modeling of Cenozoic Carbonate and Evaporite Systems (SEPM)
Norgard, Sean	Wednesday	all day	P31	Hall C	Theme 9: Integration and Interpretation of Geophysical Techniques and Rock Physics (AAPG)
Oberstoetter, Mark	Tuesday	all day	P111	Hall C	Theme 7: Oil Sands (EMD)
Obradors Latre, Arnau	Monday	p.m.	2:10	Palomino D	Theme 1: Turbidite Facies: Channels, Fans and Event Beds (SEPM)
O'Brien, Casey	Monday	all day	P13	Hall C	AAPG Student Research Poster Session
Ogiesoba, Osareni	Monday	all day	P132	Hall C	Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)
Olanipekun, Babatunde	Tuesday	all day	P120	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Olariu, Cornel	Monday	all day	P50	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Olariu, Mariana	Monday	all day	P64	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Oldfield, Simon	Wednesday	all day	P117	Hall C	Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)
Olotu, Sunday	Monday	all day	P9	Hall C	AAPG Student Research Poster Session
Ono, Kenya	Tuesday	all day	P67	Hall C	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)
Ortega, Orlando	Tuesday	all day	P41	Hall C	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)

# PRESENTER CROSS REFERENCE

Ou, Liwei	Tuesday	all day	P27	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Owen, Amanda	Wednesday	p.m.	3:10	Hall B, Room 2	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Palkowsky, Douglas	Monday	all day	P120	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Palmer, Jessica	Wednesday	all day	P107	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Pana, Dinu	Tuesday	a.m.	10:10	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Pandey, Rohit	Wednesday	p.m.	3:10	Hall B, Room 4	Theme 6: Other Energy Minerals: Coal, CBM and Oil Shale (EMD)
Paronish, Thomas	Wednesday	all day	P9	Hall C	Additional AAPG Student Research Poster Session III
Pashin, Jack	Tuesday	p.m.	3:55	Hall B, Room 2	Theme 6: Microscale Imaging for Unconventional Plays (AAPG)
Patacci, Marco	Monday	p.m.	2:50	Palomino D	Theme 1: Turbidite Facies: Channels, Fans and Event Beds (SEPM)
Patel, Sameer	Wednesday	a.m.	11:10	Palomino E	Theme 1: Mudstone Diagenesis and the Role of Anoxia (SEPM)
Patel, Sameer	Wednesday	all day	P10	Hall C	Additional AAPG Student Research Poster Session III
Pavan, Katharin	Tuesday	a.m.	11:10	Palomino E	Theme 1: Physical Processes and Patterns of Mud Dispersal and Their Expressions (SEPM)
Paz, Manuel	Wednesday	all day	P35	Hall C	Theme 9: Integration and Interpretation of Geophysical Techniques and Rock Physics (AAPG)
Peace, Alexander	Wednesday	all day	P126	Hall C	Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)
Pechlivanidou, Sofia	Tuesday	all day	P91	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Pedersen, Per	Tuesday	a.m.	10:50	Palomino E	Theme 1: Physical Processes and Patterns of Mud Dispersal and Their Expressions (SEPM)
Pedersen, Per	Wednesday	a.m.	8:45	Hall B, Room 2	Theme 6: WCSB Unconventional Plays (EMD)
Pemberton, George	Sunday	p.m.	1:15	Hall B, Room 3	History of Petroleum Geology (AAPG)
Pemberton, George	Sunday	p.m.	2:15	Hall B, Room 3	History of Petroleum Geology (AAPG)
Peng, Yang	Wednesday	a.m.	10:50	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems I (SEPM)
Pepper, Andrew	Wednesday	a.m.	11:30	Hall B, Room 3	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!)
Perret, Marc	Tuesday	all day	P98	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Peryt, Tadeusz	Wednesday	p.m.	2:30	Palomino E	Theme 2: Geobiology of Carbonate Systems (SEPM)
Peryt, Tadeusz	Wednesday	all day	P23	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Peterson, Jesse	Wednesday	all day	P19	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Phiri, Cryton	Wednesday	all day	P83	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources II (AAPG)
Pickering, Julia	Wednesday	all day	P110	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Pierce, Colm	Monday	p.m.	5:15	Palomino E	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Pierre, Aurelien	Monday	a.m.	8:05	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays I: Case Studies (AAPG/SEPM)
Plaksina, Tatyana	Tuesday	a.m.	10:50	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays II: Optimization and (AAPG/SEPM)
Performance					Theme 6: Geostatistics of Unconventional Plays (AAPG)
Plaksina, Tatyana	Tuesday	all day	P61	Hall C	Theme 1: Advances in Geochemical Techniques (SEPM)
Playter, Tiffany	Monday	all day	P16	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Plint, Guy	Tuesday	a.m.	8:05	Hall B, Room 1	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)
Pohl, Florian	Tuesday	all day	P66	Hall C	Theme 1: Applied Micropaleontology and Ichnology (SEPM)
Polo, Camilo	Tuesday	p.m.	2:30	Palomino F/G/H	SEPM Student Research Poster Session
Pommer, Maxwell	Monday	all day	P24	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Popova, Olga	Wednesday	all day	P60	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Porebski, Szczepan	Wednesday	all day	P68	Hall C	Theme 6: Source Potential and Maturity (AAPG)
Potter, Christopher	Monday	a.m.	10:50	Palomino A/B/C	Theme 1: Paralic Systems in Time and Space (SEPM)
Prather, Timothy	Monday	all day	P73	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Prenoslo, Donald	Monday	all day	P110	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Primm, Jonathan	Monday	all day	P51	Hall C	Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)
Pritchard, Edward	Wednesday	all day	P125	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Pu, Hui	Tuesday	all day	P26	Hall C	Theme 3: Environmental Practices and Sequestration (DEG)
Pu, Hui	Tuesday	all day	P86	Hall C	Theme 2: Geobiology of Carbonate Systems (SEPM)
Pugliano, Tony	Wednesday	p.m.	1:50	Palomino E	Theme 1: Controls on Source-to-Sink Systems (SEPM)
Pujols, Edgardo	Wednesday	a.m.	10:50	Palomino A/B/C	Theme 5: Structural Interpretation Quality and Methods (AAPG/PSGD)
Quinn, David	Tuesday	a.m.	8:05	Palomino D	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Quinn, Garrett	Monday	all day	P52	Hall C	Theme 9: Practical Microseismic and 4-D Seismic (AAPG)
Rabbani, Arif	Wednesday	a.m.	11:10	Hall B, Room 4	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Rajmon, David	Monday	all day	P60	Hall C	Theme 9: Seismic Attribute Applications and Case Studies (AAPG)
Ran, Jianbin	Tuesday	p.m.	2:30	Hall B, Room 4	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Randles, Tom	Wednesday	all day	P102	Hall C	Theme 7: Oil Sands I: Facies (EMD/SEPM)
Ranger, Mike	Monday	a.m.	10:10	Hall B, Room 4	Theme 6: International Unconventional Plays (AAPG)
Rao, Jonna	Wednesday	p.m.	4:35	Palomino A/B/C	Theme 1: Insights Into Mudrock Stratigraphy (SEPM)
Redmond, Lauren	Monday	all day	P81	Hall C	Theme 1: Turbidite Facies: Channels, Fans and Event Beds (SEPM)
Reimchen, Aaron	Monday	p.m.	4:15	Palomino D	Theme 9: Seismic Attribute Applications and Case Studies (AAPG)
Reine, Carl	Tuesday	p.m.	4:35	Hall B, Room 4	

# PRESENTER CROSS REFERENCE

Reisdorf, Andrew	Monday	all day	P69	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Ren, Min	Tuesday	p.m.	5:15	Palomino A/B/C	Theme 2: Double and Triple Porosity in Carbonates (SEPM/AAPG)
Richards, David	Tuesday	a.m.	10:50	Palomino D	Theme 5: Structural Interpretation Quality and Methods (AAPG/PSGD)
Rine, Matthew	Monday	p.m.	2:30	Hall B, Room 1	Theme 2: Modeling of Ancient Carbonate and Evaporite Systems (SEPM)
Rine, Matthew	Monday	all day	P20	Hall C	SEPM Student Research Poster Session
Rinke-Hardekopf, Lucian	Monday	a.m.	8:45	Hall B, Room 1	Theme 2: Modeling of Cenozoic Carbonate and Evaporite Systems (SEPM)
Rivard, Christine	Monday	a.m.	10:10	Palomino F/G/H	Theme 3: Water Management: Established and Future Practice (DEG)
Rivera Rosado, Huber	Tuesday	all day	P30	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Rivers, John	Wednesday	a.m.	10:50	Hall B, Room 1	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Rivers, John	Wednesday	p.m.	4:35	Palomino E	Theme 2: Geobiology of Carbonate Systems (SEPM)
Rocheleau, Jonathan	Monday	all day	P106	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Rock, Luc	Monday	p.m.	4:15	Palomino F/G/H	Theme 3: Injection and Sequestration (DEG)
Rogowski, Maxwell	Wednesday	all day	P93	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Rojas Aldana, Camilo	Tuesday	all day	P62	Hall C	Theme 6: Geostatistics of Unconventional Plays (AAPG)
Romans, Brian	Tuesday	p.m.	4:35	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Rood, Margaret	Monday	p.m.	3:55	Palomino D	Theme 1: Turbidite Facies: Channels, Fans and Event Beds (SEPM)
Rosencrans, Ellen	Wednesday	p.m.	3:55	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems II (SEPM)
Rossi, Valentina	Wednesday	a.m.	8:25	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems I (SEPM)
Rossi, Valentina	Tuesday	all day	P2	Hall C	Additional AAPG Student Research Poster Session I
Rossman, Britt	Monday	all day	P80	Hall C	Theme 1: Insights Into Mudrock Stratigraphy (SEPM)
Rowe, Harry	Monday	all day	P128	Hall C	Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)
Rowlands, Holly	Wednesday	all day	P105	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Ruebsam, Wolfgang	Wednesday	a.m.	9:05	Hall B, Room 3	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!)
Rueda, Federico	Monday	all day	P95	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
Ruehlicke, Bernd	Wednesday	all day	P119	Hall C	Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)
Ruppel, Stephen	Monday	a.m.	9:05	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays I: Case Studies (AAPG/SEPM)
Russell, Catherine	Tuesday	all day	P49	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Russum, Dave	Wednesday	a.m.	11:30	Hall B, Room 2	Theme 6: WCSB Unconventional Plays (EMD)
Sagi, David	Wednesday	all day	P115	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Salantur, Burak	Monday	all day	P116	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Sanchez, Carlos	Monday	all day	P115	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Sandu, Constantin	Tuesday	a.m.	10:10	Palomino F/G/H	Theme 4: Petroleum System Modeling and Calibration of Conventional Resources (AAPG)
Sanei, Hamed	Wednesday	all day	P70	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Santana, Teresa	Tuesday	all day	P34	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Sapiie, Benyamin	Tuesday	a.m.	11:30	Palomino D	Theme 5: Structural Interpretation Quality and Methods (AAPG/PSGD)
Sarg, Rick	Monday	a.m.	10:50	Hall B, Room 1	Theme 2: Modeling of Cenozoic Carbonate and Evaporite Systems (SEPM)
Sarkar, Arka Dyuti	Monday	all day	P103	Hall C	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) (AAPG/SEPM)
Saunders, Michael	Wednesday	all day	P118	Hall C	Theme 5: Interpretation of Structures and Systems (AAPG/PSGD)
Savva, Dimitri	Monday	p.m.	3:55	Hall B, Room 3	Theme 5: Extensional Structural Systems and Basins (AAPG/PSGD)
Schamel, Steven	Monday	p.m.	4:15	Hall B, Room 4	Theme 7: Oil Sands II: Stratigraphy (EMD/SEPM)
Schelling, Daniel	Tuesday	p.m.	4:55	Hall B, Room 3	Theme 5: Compressional Structural Systems and Basins (AAPG/PSGD)
Schieber, Juergen	Monday	p.m.	4:55	Palomino A/B/C	Theme 6: Pore Scale Techniques for Unconventional Plays (AAPG)
Schieber, Juergen	Tuesday	a.m.	9:05	Palomino E	Theme 1: Physical Processes and Patterns of Mud Dispersal and Their Expressions (SEPM)
Schlische, Roy	Monday	a.m.	10:30	Palomino D	Theme 5: Multi-Phase Deformation Systems and the Role of Structural Inheritance (AAPG/PSGD)
Schoenborn, Greg	Tuesday	p.m.	4:35	Hall B, Room 3	Theme 5: Compressional Structural Systems and Basins (AAPG/PSGD)
Scholle, Peter	Monday	a.m.	11:10	Hall B, Room 1	Theme 2: Modeling of Cenozoic Carbonate and Evaporite Systems (SEPM)
Schrank, Argos	Monday	all day	P39	Hall C	Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks (SEPM/AAPG)
Schroder-Adams, Claudia	Tuesday	a.m.	8:25	Hall B, Room 1	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Schultz, Clayton	Monday	all day	P38	Hall C	Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks (SEPM/AAPG)
Schultz, Lauren	Wednesday	all day	P52	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources I (AAPG)
Schumacher, Dietmar	Wednesday	all day	P33	Hall C	Theme 9: Integration and Interpretation of Geophysical Techniques and Rock Physics (AAPG)
Schwangler, Martin	Tuesday	a.m.	8:05	Palomino F/G/H	Theme 4: Petroleum System Modeling and Calibration of Conventional Resources (AAPG)
Schwarz, Ernesto	Wednesday	a.m.	10:10	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems I (SEPM)
Schwarz, Stephen	Wednesday	all day	P11	Hall C	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Senoglu, Doga	Monday	all day	P118	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Serebryakov, Vladimir	Tuesday	all day	P85	Hall C	Theme 3: Environmental Practices and Sequestration (DEG)
Shahkarami, Alireza	Tuesday	all day	P24	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Shao, Deyong	Tuesday	all day	P12	Hall C	Additional AAPG Student Research Poster Session II
Sharma, Ritesh	Tuesday	a.m.	8:25	Hall B, Room 4	Theme 9: Reservoir Characterization in Unconventional Plays (AAPG)
Shchepetkina, Alina	Tuesday	p.m.	4:35	Palomino F/G/H	Theme 1: Applied Micropaleontology and Ichnology (SEPM)

## PRESENTER CROSS REFERENCE

Shen, Chuanbo	Wednesday	all day	P88	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Shen, Xinpui	Tuesday	all day	P43	Hall C	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Shiers, Michelle	Monday	all day	P65	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Sickmann, Zachary	Wednesday	all day	P25	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Sie, Jenna	Tuesday	all day	P6	Hall C	Additional AAPG Student Research Poster Session I
Silva, Renzo	Monday	a.m.	9:05	Palomino E	Theme 4: Novel Calibration Tools for Petroleum System Models (AAPG)
Skalinski, Mark	Tuesday	p.m.	3:55	Palomino A/B/C	Theme 2: Double and Triple Porosity in Carbonates (SEPM/AAPG)
Skinner, Carla	Tuesday	a.m.	11:10	Palomino F/G/H	Theme 4: Petroleum System Modeling and Calibration of Conventional Resources (AAPG)
Skoreyko, Daniel	Monday	a.m.	11:10	Palomino F/G/H	Theme 3: Water Management: Established and Future Practice (DEG)
Slatt, Roger	Monday	a.m.	10:30	Palomino A/B/C	Theme 6: Source Potential and Maturity (AAPG)
Sliwinski, Maciej	Tuesday	all day	P83	Hall C	Theme 3: Environmental Practices and Sequestration (DEG)
Smith, Benjamin	Monday	p.m.	2:50	Hall B, Room 1	Theme 2: Modeling of Ancient Carbonate and Evaporite Systems (SEPM)
Snedden, John	Monday	p.m.	4:55	Palomino E	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Solano, Nisael	Tuesday	all day	P33	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Song, Liaosha	Tuesday	all day	P16	Hall C	Additional AAPG Student Research Poster Session II
Song, Lisa	Tuesday	all day	P32	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Song, Suihong	Sunday	p.m.	12:35	Hall B, Room 3	History of Petroleum Geology (AAPG)
Sonnenberg, Steve	Wednesday	p.m.	2:30	Palomino D	Theme 5: Role of Structural Analysis in Unconventional Resource Development (AAPG/PSGD)
Sonnenberg, Steve	Wednesday	all day	P43	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)
Sonnenfeld, Mark	Tuesday	p.m.	5:15	Hall B, Room 2	Theme 6: Microscale Imaging for Unconventional Plays (AAPG)
Southern, Sarah	Tuesday	all day	P72	Hall C	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)
Spear, Dallas	Monday	p.m.	4:15	Palomino E	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Speta, Michelle	Monday	p.m.	4:55	Hall B, Room 4	Theme 7: Oil Sands II: Stratigraphy (EMD/SEPM)
Stadlwieser, Roy	Monday	p.m.	2:30	Hall B, Room 2	Discovery Thinking (AAPG/DPA)
Staudigel, Philip	Tuesday	all day	P117	Hall C	Theme 2: Advances in Carbonate Diagenesis (SEPM)

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Steel, Elisabeth	Monday	a.m.	11:30	Hall B, Room 2	Theme 1: Controls on Deepwater Sedimentation (SEPM/AAPG)
Stephenson, Ben	Tuesday	a.m.	10:10	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays II: Optimization and Performance (AAPG/SEPM)
Stephenson, Ben	Wednesday	a.m.	10:50	Palomino D	Theme 5: Measuring and Representing Natural Fractures in the Subsurface (AAPG/PSGD)
Sternbach, Linda	Monday	all day	P105	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Stevens, Leonard	Monday	all day	P121	Hall C	Theme 1: Marine and Fluvial Reservoirs: Western Canadian Examples (SEPM/AAPG)
Stockhausen, Edward	Monday	all day	P55	Hall C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Stockhausen, Martin	Wednesday	a.m.	11:10	Hall B, Room 3	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!)
Stockmeyer, Joe	Wednesday	p.m.	1:50	Palomino D	Theme 5: Role of Structural Analysis in Unconventional Resource Development (AAPG/PSGD)
Sun, Lei	Tuesday	all day	P14	Hall C	Additional AAPG Student Research Poster Session II
Sun, Xun	Wednesday	all day	P87	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources III (AAPG)
Sungkorn, Radompon	Tuesday	a.m.	11:10	Palomino A/B/C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Sungkorn, Radompon	Tuesday	p.m.	1:50	Hall B, Room 2	Theme 6: Microscale Imaging for Unconventional Plays (AAPG)
Suriamin, Fnu	Wednesday	all day	P50	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)
Suter, John	Wednesday	a.m.	8:25	Palomino A/B/C	Theme 1: Controls on Source-to-Sink Systems (SEPM)
Swart, Peter	Monday	a.m.	10:10	Hall B, Room 1	Theme 2: Modeling of Cenozoic Carbonate and Evaporite Systems (SEPM)
Swartz, Hadley	Wednesday	all day	P8	Hall C	Additional AAPG Student Research Poster Session III
Sylvester, Paul	Tuesday	a.m.	8:05	Palomino E	Theme 1: Physical Processes and Patterns of Mud Dispersal and Their Expressions (SEPM)
Syivitski, James (Jai)	Wednesday	a.m.	8:05	Palomino A/B/C	Theme 1: Controls on Source-to-Sink Systems (SEPM)
Taggart, Catherine	Wednesday	all day	P106	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Tenaglia, Max	Monday	a.m.	10:10	Palomino A/B/C	Theme 6: Source Potential and Maturity (AAPG)
Terlaky, Viktor	Monday	all day	P123	Hall C	Theme 1: Marine and Fluvial Reservoirs: Western Canadian Examples (SEPM/AAPG)
Terlaky, Viktor	Tuesday	all day	P70	Hall C	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)
Tesch, Philipp	Monday	a.m.	11:30	Hall B, Room 1	Theme 2: Modeling of Cenozoic Carbonate and Evaporite Systems (SEPM)
Tesch, Philipp	Monday	all day	P5	Hall C	AAPG Student Research Poster Session
Thenin, Damien	Monday	p.m.	3:55 PM	Hall B, Room 4	Theme 7: Oil Sands II: Stratigraphy (EMD/SEPM)
Thompson, Jessica	Wednesday	all day	P29	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Thompson, Phil	Monday	a.m.	8:05	Palomino D	Theme 5: Multi-Phase Deformation Systems and the Role of Structural Inheritance (AAPG/PSGD)
Tian, Derui	Wednesday	p.m.	3:10	Hall B, Room 3	Theme 4: Geochemistry and Geomechanics in Petroleum System Models of Unconventional Resources (AAPG)
Tian, Hua	Tuesday	all day	P135	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Tian, Hui	Wednesday	p.m.	3:55	Hall B, Room 3	Theme 4: Geochemistry and Geomechanics in Petroleum System Models of Unconventional Resources (AAPG)
Tibocha, Erika	Monday	all day	P102	Hall C	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) (AAPG/SEPM)
Tilston, Mike	Monday	p.m.	2:30	Palomino D	Theme 1: Turbidite Facies: Channels, Fans and Event Beds (SEPM)
Timmer, Eric	Tuesday	p.m.	3:55	Palomino F/G/H	Theme 1: Applied Micropaleontology and Ichnology (SEPM)
Tinker, Nathan	Tuesday	p.m.	4:35	Palomino A/B/C	Theme 2: Double and Triple Porosity in Carbonates (SEPM/AAPG)
Tong, Hengmao	Wednesday	all day	P116	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Torrado, Lucia	Monday	all day	P2	Hall C	AAPG Student Research Poster Session
Torres, Alexander	Tuesday	all day	P51	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Tsuji, Takashi	Tuesday	all day	P110	Hall C	Theme 7: Oil Sands (EMD)
Tufano, Brandon	Monday	p.m.	3:55	Palomino E	Theme 1: Regional and Basin Scale Stratigraphy (SEPM/AAPG)
Urbancic, Ted	Wednesday	a.m.	8:45	Hall B, Room 4	Theme 9: Practical Microseismic and 4-D Seismic (AAPG)
Vaisblat, Noga	Tuesday	a.m.	11:10	Hall B, Room 4	Theme 9: Reservoir Characterization in Unconventional Plays (AAPG)
Valentine, Brett	Wednesday	all day	P63	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Vallejo, Cristian	Wednesday	p.m.	4:55	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems II (SEPM)
van der Kolk, Dolores	Monday	all day	P74	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Van Dusen, Erik	Monday	a.m.	10:30	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays I: Case Studies (AAPG/SEPM)
van Toorenburg, Koen	Wednesday	p.m.	2:10	Hall B, Room 2	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Vandeginste, Veerle	Wednesday	a.m.	8:25	Hall B, Room 1	Theme 2: Advances in Carbonate Diagenesis (SEPM)
Vanden Berg, Beth	Tuesday	a.m.	8:45	Hall B, Room 2	Theme 2: Unconventional Carbonate Reservoirs I (SEPM/AAPG)
Vanden Berg, Michael	Monday	all day	P90	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
Vannelli, Kathleen	Monday	all day	P53	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition I
Varban, Bogdan	Monday	a.m.	8:25	Hall B, Room 4	Theme 7: Oil Sands I: Facies (EMD/SEPM)
Vassilellis, George	Monday	all day	P54	Hall C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Velasco, Maria	Tuesday	a.m.	8:25	Palomino D	Theme 5: Structural Interpretation Quality and Methods (AAPG/PSGD)
Ventra, Dario	Wednesday	p.m.	4:35	Hall B, Room 2	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Wach, Grant	Sunday	p.m.	1:35	Hall B, Room 3	History of Petroleum Geology (AAPG)

# PRESENTER CROSS REFERENCE

Wainman, Carmine	Wednesday	all day	P69	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Wakefield, Oliver	Monday	all day	P35	Hall C	Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks (SEPM/AAPG)
Wala, Virginia	Wednesday	all day	P26	Hall C	SEPM Research Symposium: Foreland Basin Drainages and Deposition II
Walls, Joel	Tuesday	p.m.	2:50	Hall B, Room 2	Theme 6: Microscale Imaging for Unconventional Plays (AAPG)
Walter, Stefan	Monday	all day	P109	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Wang, Jianqiao	Tuesday	all day	P55	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Wang, Pengwei	Monday	all day	P117	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Wang, Qiqi	Wednesday	p.m.	3:10	Palomino D	Theme 5: Role of Structural Analysis in Unconventional Resource Development (AAPG/PSGD)
Wang, Sibao	Tuesday	all day	P137	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Wang, Wei	Tuesday	a.m.	10:10	Hall B, Room 4	Theme 9: Reservoir Characterization in Unconventional Plays (AAPG)
Wang, Zexuan	Tuesday	all day	P104	Hall C	Theme 7: Oil Sands (EMD)
Warren, John	Monday	p.m.	2:10	Hall B, Room 1	Theme 2: Modeling of Ancient Carbonate and Evaporite Systems (SEPM)
Warren, Marian	Tuesday	p.m.	3:55	Hall B, Room 3	Theme 5: Compressional Structural Systems and Basins (AAPG/PSGD)
Watanabe, Satoko	Tuesday	all day	P113	Hall C	Theme 7: Oil Sands (EMD)
Wavrek, David	Monday	a.m.	10:30	Palomino E	Theme 4: Novel Calibration Tools for Petroleum System Models (AAPG)
Wavrek, David	Monday	all day	P104	Hall C	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!) (AAPG/SEPM)
Webb, Nathan	Tuesday	all day	P80	Hall C	Theme 3: Environmental Practices and Sequestration (DEG)
Webb, Peter	Wednesday	all day	P103	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Weedmark, Thomas	Wednesday	a.m.	10:10	Hall B, Room 2	Theme 6: WCSB Unconventional Plays (EMD)
Weger, Ralf	Tuesday	all day	P31	Hall C	Theme 6: Advancements in Technology and Reservoir Characterization (AAPG)
Wei, Wei	Monday	all day	P43	Hall C	Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks (SEPM/AAPG)
Wei, Xiaojie	Monday	all day	P76	Hall C	Theme 1: Paralic Systems in Time and Space (SEPM)
Wela, Slindile	Wednesday	all day	P114	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Weller, Ryan	Wednesday	all day	P67	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Wen, Tao	Monday	a.m.	10:30	Palomino F/G/H	Theme 3: Water Management: Established and Future Practice (DEG)
Wendt, Anna	Monday	p.m.	2:50	Palomino F/G/H	Theme 3: Injection and Sequestration (DEG)
West, Logan	Monday	all day	P32	Hall C	SEPM Student Research Poster Session
Wethington, Niles	Monday	all day	P119	Hall C	Theme 6: Unconventional Plays: North American Case Studies (AAPG)
Wheatley, David	Tuesday	p.m.	5:15	Palomino E	Theme 1: Diagenesis and Fluid Flux in Siliciclastic Sediments (SEPM)
Whidden, Katherine	Wednesday	all day	P51	Hall C	Theme 2: Carbonate Reservoir Characterization (SEPM/AAPG)
Wickard, Alyssa	Monday	a.m.	11:10	Hall B, Room 3	Theme 6: Stratigraphy Reservoir Evaluation of Unconventional Plays I: Case Studies (AAPG/SEPM)
Wiley, Kory	Monday	all day	P30	Hall C	SEPM Student Research Poster Session
Williams, Randolph	Monday	a.m.	10:50	Palomino D	Theme 5: Multi-Phase Deformation Systems and the Role of Structural Inheritance (AAPG/PSGD)
Wilson, Julie	Tuesday	a.m.	8:25	Palomino A/B/C	Theme 8: Resources to Reserves: Extracting Value Through Technical Innovation and Business Efficiency (AAPG/DPA)
Wong, Juan	Tuesday	all day	P20	Hall C	Additional AAPG Student Research Poster Session II
Wong, Pak	Monday	all day	P94	Hall C	Theme 2: Modeling of Carbonate and Evaporite Systems (SEPM)
Wooldridge, Luke	Tuesday	p.m.	2:10	Palomino E	Theme 1: Diagenesis and Fluid Flux in Siliciclastic Sediments (SEPM)
Wright, Erick	Tuesday	all day	P140	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Wright, Paul	Monday	p.m.	3:55	Hall B, Room 1	Theme 2: Modeling of Ancient Carbonate and Evaporite Systems (SEPM)
Wu, Keliu	Tuesday	all day	P138	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Wu, Keliu	Tuesday	all day	P139	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Wu, Tengfei	Wednesday	all day	P65	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)
Wust, Raphael	Wednesday	a.m.	9:05	Palomino E	Theme 2: Unconventional Carbonate Reservoirs II (SEPM/AAPG)
Wygrala, Bjorn	Wednesday	a.m.	8:05	Hall B, Room 3	Theme 4: Petroleum Systems: In Honor of Leslie B. Magoon (50 Years!)
Xiong, Jun	Wednesday	p.m.	4:35	Hall B, Room 4	Theme 7: Oil Sands III: Reserves, Caprocks and the Environment (EMD)
Xu, Bin	Tuesday	all day	P100	Hall C	Theme 7: Oil Sands (EMD)
Xu, Jie	Tuesday	all day	P90	Hall C	Theme 1: Linkages Between Continental, Shelf and Deepwater Sedimentary Systems (SEPM)
Xu, Shaochuan	Wednesday	all day	P99	Hall C	Theme 5: Geomechanics Case Studies and Applications (AAPG/PSGD)
Xu, Zhuang	Tuesday	p.m.	2:10	Hall B, Room 4	Theme 9: Seismic Attribute Applications and Case Studies (AAPG)
Yager, Stacy	Monday	all day	P31	Hall C	SEPM Student Research Poster Session
Yamada, Tetsushi	Tuesday	a.m.	11:10	Palomino D	Theme 5: Structural Interpretation Quality and Methods (AAPG/PSGD)
Yamada, Yasuhiro	Monday	all day	P127	Hall C	Theme 9: Reservoir Property Evaluation and Advanced Geophysical Techniques (AAPG)
Yan, Na	Tuesday	all day	P50	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Yang, Fan	Monday	all day	P41	Hall C	Theme 1: Reservoir Quality and Diagenetic History of Siliciclastic Rocks (SEPM/AAPG)
Yao, Song	Tuesday	all day	P101	Hall C	Theme 7: Oil Sands (EMD)
Yawar, Zalmai	Tuesday	p.m.	2:30	Hall B, Room 2	Theme 6: Microscale Imaging for Unconventional Plays (AAPG)
Ye, Qing	Wednesday	all day	P113	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Yoshinobu, Aaron	Wednesday	all day	P104	Hall C	Theme 5: Structural Interpretation of Basin Development (AAPG/PSGD)
Yuan, Wei	Monday	all day	P19	Hall C	Theme 1: Advances in Geochemical Techniques (SEPM)
Yurkowski, Melinda	Wednesday	all day	P72	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)

## PRESENTER CROSS REFERENCE

Zahm, Christopher	Monday	a.m.	11:10	Palomino D	Theme 5: Multi-Phase Deformation Systems and the Role of Structural Inheritance (AAPG/PSGD)
Zalán, Pedro	Monday	a.m.	8:25	Palomino D	Theme 5: Multi-Phase Deformation Systems and the Role of Structural Inheritance (AAPG/PSGD)
Zalán, Pedro	Monday	p.m.	5:15	Hall B, Room 3	Theme 5: Extensional Structural Systems and Basins (AAPG/PSGD)
Zeng, Hongliu	Tuesday	p.m.	3:55	Hall B, Room 4	Theme 9: Seismic Attribute Applications and Case Studies (AAPG)
Zhai, Rui	Tuesday	all day	P54	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Zhang, Changmin	Tuesday	all day	P68	Hall C	Theme 1: Stratigraphic Architecture of Deepwater Depositional Systems (SEPM)
Zhang, Jie	Monday	p.m.	1:50	Hall B, Room 1	Theme 2: Modeling of Ancient Carbonate and Evaporite Systems (SEPM)
Zhang, Jie	Wednesday	a.m.	8:05	Palomino E	Theme 2: Unconventional Carbonate Reservoirs II (SEPM/AAPG)
Zhang, Jing	Wednesday	a.m.	10:30	Hall B, Room 4	Theme 9: Practical Microseismic and 4-D Seismic (AAPG)
Zhang, Jing	Wednesday	all day	P57	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional Resources I (AAPG)
Zhang, Jinyu	Wednesday	a.m.	10:10	Palomino A/B/C	Theme 1: Controls on Source-to-Sink Systems (SEPM)
Zhang, Shaohua	Monday	a.m.	9:05	Palomino D	Theme 5: Multi-Phase Deformation Systems and the Role of Structural Inheritance (AAPG/PSGD)
Zhang, Shaohua	Tuesday	a.m.	10:50	Palomino F/G/H	Theme 4: Petroleum System Modeling and Calibration of Conventional Resources (AAPG)
Zhang, Tongwei	Wednesday	p.m.	2:10	Hall B, Room 3	Theme 4: Geochemistry and Geomechanics in Petroleum System Models of Unconventional Resources (AAPG)
Zhang, Tongwei	Tuesday	all day	P141	Hall C	Theme 6: Reservoir and Fluid Analysis – Question of Scale (AAPG)
Zhao, Jing	Wednesday	all day	P78	Hall C	Theme 4: Petroleum Systems Modeling and Calibration of Conventional and Unconventional (AAPG)
Resources II					
Zhong, Zhi	Wednesday	all day	P3	Hall C	Additional AAPG Student Research Poster Session III
Zhuo, Haiteng	Wednesday	p.m.	2:50	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems II (SEPM)
Zhuo, Haiteng	Tuesday	all day	P59	Hall C	Theme 1: Sedimentology, Stratigraphy and Modeling of Fluvial Systems (SEPM)
Zonneveld, John-Paul	Wednesday	a.m.	11:10	Palomino F/G/H	Theme 1: Paralic and Shallow Marine Systems I (SEPM)
Zupanic, John	Wednesday	all day	P66	Hall C	Theme 6: Unconventional Plays: International and Other Energy Minerals (EMD)



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Department of Geology  
Room 120 Lindley Hall  
1475 Jayhawk Blvd  
Lawrence, KS 66049  
United States  
+1 785 864 5628  
www.ku.edu

## University of Leeds - Petroleum Leeds ..... 1122

University of Leeds  
School of Earth and Environment  
Leeds, West Yorkshire LS2 9JT  
United Kingdom  
Rachael Spraggs, Executive Director  
+44 113 343 3057  
r.e.spraggs@leeds.ac.uk  
www.petroleum.leeds.ac.uk  
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## University of Manchester ..... 2004

142 Williamson Building  
Oxford Road  
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United Kingdom  
+44 161 275 0352  
www.man.ac.uk

## University of Miami, CSL-Center for Carbonate Research ..... 1840

4600 Rickenbacker Cswy.  
Miami, Florida 33149  
United States  
Karen Neher, Office Manager  
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kneher@rsmas.miami.edu  
www.cslmiami.int  
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## University of Regina ..... 2334

Department of Geology  
Regina, Saskatchewan S4S 0A2  
Canada  
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www.uregina.com

## University of Texas at Austin ..... 1913

Jackson School of Geosciences  
1 University Station C1100  
Austin, TX 78712  
United States  
+1 512 471 0408  
www.utexas.edu

## University of Tulsa, School of Energy ..... 2006

800 S. Tucker Drive  
Helmerich 208  
Tulsa, Oklahoma 74104  
United States  
Tim Coburn, Director  
+1918 631 2123  
tim-coburn@utulsa.edu  
www.utulsa.edu/meb  
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## Weatherford Laboratories ..... 1627

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## WellSight Systems Inc. .... 1907

#102 - 7370 Sierra Morena Blvd SW  
Calgary, Alberta T3H 4H9  
Canada  
Matt Walls, President  
+1 403 237 9189  
info@wellsight.com  
wellsight.com  
WellSight Systems Inc. is the world's leading provider of Geological Strip Log software. The popular STAR.LOG SUITE products are used by thousands of customers worldwide in drilling and exploration.

## West Texas Geological Society ..... 2128

P.O. Box 1595  
Midland, Texas 79702  
United States  
Paula Sanchez, Executive Director  
+1 432 683 1573  
wtgs@wtgs.org  
wtgs.org

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# EXHIBITOR PRODUCTS AND SERVICES

## Airborne Radar Remote Sensing/Aerial Photography

Spectralog ..... 1517

## Basin Studies/Modeling Analysis

Alberta Geological Survey ..... 2120  
 Applied Petroleum Technology Group ..... 1637  
 Badley Geoscience Limited..... 1116  
 Beicip Inc..... 1445  
 Biomarker Technologies, Inc..... R2  
 Bruker Corporation ..... 1810  
 C&C Reservoirs ..... 1838  
 Canadian Discovery Ltd. .... 1246  
 EGI – Energy & Geoscience Institute ..... 1509  
 GeoMark Research, LTD. .... 1437  
 GeoResources STC ..... 1937  
 Getech ..... 1832  
 GridWorld..... 2034  
 Imperial College London ..... 2132  
 Lynx Information Systems Inc. .... 1909  
 Midland Valley ..... 2028  
 Rockwell Consulting ..... 1712  
 TGS ..... 1217  
 TRE ALTAMIRA..... 2044  
 United Oil & Gas Consulting Ltd..... 2137  
 University of Leeds - Petroleum Leeds ..... 1122  
 University of Miami, CSL-Center for  
 Carbonate Research ..... 1840

## Bits/Downhole Tools/On-site Equipment

ALT - Advanced Logic Technology ..... 1126  
 Canamera Coring ..... 1613

## Computer Graphics

Geomap Company ..... 1844  
 Geomodeling Technology Corp ..... 1409  
 GPT International Inc. .... 1129  
 Imperial College London ..... 2132  
 The EasyCopy Company ..... 1617

## Computer Hardware for Exploration or Prospect Evaluation

ALT - Advanced Logic Technology ..... 1126  
 geoLOGIC systems ltd..... 1545  
 Selman & Associates ..... 2012  
 Spectralog ..... 1517

## Computer Software

ALT - Advanced Logic Technology ..... 1126  
 Badley Geoscience Limited..... 1116  
 Beicip Inc..... 1445  
 C&C Reservoirs ..... 1838  
 Canadian Discovery Ltd. .... 1246  
 Canamera Coring ..... 1613  
 Canstrat ..... 1539  
 Cegal LLC ..... 1716  
 dGB Earth Sciences ..... 2037  
 Digital Formation ..... 1704  
 Enthought ..... 2325  
 geoLOGIC systems ltd..... 1545

Geomap Company ..... 1844  
 Geomodeling Technology Corp ..... 1409  
 Geo-Steering Solutions Inc. .... 1141  
 GPT International Inc. .... 1129  
 GridWorld..... 2034  
 Loring Tarcore Labs Ltd. .... 2138  
 Maxxam Analytics, A Bureau Veritas  
 Group Company ..... 1911  
 Midland Valley ..... 2028  
 Neuralog ..... 1339  
 Perigon ..... 2122  
 Rock Metrics Americas ..... 1136  
 Rose & Associates, LLP ..... 1805  
 SeisWare International Inc..... 1239  
 Selman & Associates ..... 2012  
 Spectralog ..... 1517  
 StructureSolver..... 1120  
 The EasyCopy Company ..... 1617  
 TriVision GeoSystems Ltd..... 1134  
 United Oil & Gas Consulting Ltd..... 2137  
 WellSight Systems Inc. .... 1907

## Core Analysis/Storage/Coring

AGAT Laboratories..... 1807  
 Alberta Geological Survey ..... 2120  
 ALS Oil & Gas..... 1819  
 Biomarker Technologies, Inc..... R2  
 Bruker Corporation ..... 1810  
 Canamera Coring ..... 1613  
 Canstrat ..... 1539  
 Core Laboratories ..... 1508  
 Enthought ..... 2325  
 Fugro ..... 1140  
 GeoConvention Partnership..... 2106  
 GeoMark Research, LTD. .... 1437  
 GeoResources STC ..... 1937  
 Ingrain ..... 1115  
 Loring Tarcore Labs Ltd. .... 2138  
 Maxxam Analytics, A Bureau Veritas  
 Group Company ..... 1911  
 McLeay Geological Consultants ..... 1111  
 Perigon ..... 2122  
 PERM Inc. .... 1137  
 Pro Geo Consultants..... 2141  
 Rigaku Americas Corporation..... 1242  
 Rock Metrics Americas ..... 1136  
 SGS Canada Inc. .... 1240  
 TGS ..... 1217  
 The EasyCopy Company ..... 1617  
 Trican Geological Solutions ..... 1905  
 University of Leeds - Petroleum Leeds ..... 1122  
 Weatherford Laboratories ..... 1627

## Data Management

ALS Oil & Gas..... 1819  
 C&C Reservoirs ..... 1838  
 Canamera Coring ..... 1613

Cegal LLC..... 1716  
 CGG..... 1419  
 Core Laboratories ..... 1508  
 Dynamic Graphics, Inc. .... 1345  
 Fugro ..... 1140  
 geoLOGIC systems ltd..... 1545  
 GeoMark Research, LTD. .... 1437  
 GPT International Inc. .... 1129  
 Loring Tarcore Labs Ltd. .... 2138  
 Lynx Information Systems Inc. .... 1909  
 MJ Systems ..... 2041  
 Neuralog ..... 1339  
 Perigon ..... 2122  
 Petrosys USA ..... 1939  
 Rock Metrics Americas ..... 1136  
 Selman & Associates ..... 2012  
 TGS ..... 1217  
 The Imaging Systems Group..... 1244  
 Weatherford Laboratories ..... 1627

## Data Services

Canadian Discovery Ltd. .... 1246  
 Canstrat ..... 1539  
 dGB Earth Sciences ..... 2037  
 Dynamic Graphics, Inc. .... 1345  
 EnergyNow.ca ..... 1135  
 Enthought ..... 2325  
 geoLOGIC systems ltd..... 1545  
 Geomap Company ..... 1844  
 GeoMark Research, LTD. .... 1437  
 Getech ..... 1832  
 Loring Tarcore Labs Ltd. .... 2138  
 Lynx Information Systems Inc. .... 1909  
 Maxxam Analytics, A Bureau Veritas  
 Group Company ..... 1911  
 MJ Systems ..... 2041  
 Nanometrics ..... 2129  
 Neuralog ..... 1339  
 Petrosys USA ..... 1939  
 Rock Metrics Americas ..... 1136  
 TGS ..... 1217

## Digitizing/Digital Products and Services

ALT - Advanced Logic Technology ..... 1126  
 Enthought ..... 2325  
 Geomap Company ..... 1844  
 Hydrocarbon Data Systems ..... 2035  
 Loring Tarcore Labs Ltd. .... 2138  
 Lynx Information Systems Inc. .... 1909  
 Maxxam Analytics, A Bureau Veritas  
 Group Company ..... 1911  
 Neuralog ..... 1339  
 Rock Metrics Americas ..... 1136  
 TGS ..... 1217  
 The EasyCopy Company ..... 1617  
 The Imaging Systems Group..... 1244

# EXHIBITOR PRODUCTS AND SERVICES

## E&P Project Economics and Evaluation

Beicip Inc.....	1445
C&C Reservoirs.....	1838
Canadian Discovery Ltd.....	1246
GeoConvention Partnership.....	2106
GeoMark Research, LTD.....	1437
GroundMetrics.....	1708
ION.....	1826
Pro Geo Consultants.....	2141
Rose & Associates, LLP.....	1805
Subsurface Consultants & Associates, LLC (SCA).....	1938

## Educational Institution

EGI – Energy & Geoscience Institute.....	1509
Houston Geological Society.....	1614
Imperial College London.....	2132
Louisiana State University.....	R1
Queen's University, Master of Earth and Energy Resources Leadership.....	2108
The University of Tulsa, School of Energy.....	2006
University of Leeds - Petroleum Leeds.....	1122
University of Miami, CSL-Center for Carbonate Research.....	1840

## Engineering Consulting Services

C&C Reservoirs.....	1838
Canadian Discovery Ltd.....	1246
CGG.....	1419
Core Laboratories.....	1508
EGI – Energy & Geoscience Institute.....	1509
Fugro.....	1140
McLeay Geological Consultants.....	1111
PERM Inc.....	1137
RPS.....	1245
Trican Geological Solutions.....	1905
United Oil & Gas Consulting Ltd.....	2137
University of Leeds - Petroleum Leeds.....	1122

## Engineering

C&C Reservoirs.....	1838
Canadian Discovery Ltd.....	1246
CGG.....	1419
Core Laboratories.....	1508
EGI – Energy & Geoscience Institute.....	1509
Fugro.....	1140
McLeay Geological Consultants.....	1111
PERM Inc.....	1137
RPS.....	1245
Trican Geological Solutions.....	1905
United Oil & Gas Consulting Ltd.....	2137
University of Leeds - Petroleum Leeds.....	1122

## Environmental/Hydrogeological Services/Studies

Alberta Geological Survey.....	2120
Canadian Discovery Ltd.....	1246
Fugro.....	1140
GeoConvention Partnership.....	2106

Isobrine Solutions Inc.....	1908
Southwest Research Institute.....	1813

## Facilities and Staffing Management and Services

Maxxam Analytics, A Bureau Veritas Group Company.....	1911
McLeay Geological Consultants.....	1111

## Field Appraisal

C&C Reservoirs.....	1838
GeoMark Research, LTD.....	1437
Subsurface Consultants & Associates, LLC (SCA).....	1938
Trican Geological Solutions.....	1905

## Field Instrumentation

Bruker Corporation.....	1810
Rigaku Americas Corporation.....	1242
Selman & Associates.....	2012
Trican Geological Solutions.....	1905

## Geochemical Services and Consulting

ALS Oil & Gas.....	1819
Amplified Geochemical Imaging LLC.....	1234
Applied Petroleum Technology Group.....	1637
Biomarker Technologies, Inc.....	R2
Canadian Discovery Ltd.....	1246
Core Laboratories.....	1508
EGI – Energy & Geoscience Institute.....	1509
GeoMark Research, LTD.....	1437
GeoResources STC.....	1937
Horizon Well Logging, LLC/Excellence Logging.....	2115
Isobrine Solutions Inc.....	1908
McLeay Geological Consultants.....	1111
Pro Geo Consultants.....	2141
Selman & Associates.....	2012
SGS Canada Inc.....	1240
Trican Geological Solutions.....	1905

University of Miami, CSL-Center for Carbonate Research.....	1840
Weatherford Laboratories.....	1627

## Geographical Information Systems (GIS)

Alberta Geological Survey.....	2120
Canstrat.....	1539
Fugro.....	1140
geoLOGIC systems ltd.....	1545
Geomap Company.....	1844
Imperial College London.....	2132
Lynx Information Systems Inc.....	1909
Petrosys USA.....	1939
RPS.....	1245
TRE ALTAMIRA.....	2044

## Geologic/Geophysical Workstations

BHL Consulting Inc.....	1944
CGG.....	1419
Geomodeling Technology Corp.....	1409

Geo-Steering Solutions Inc.....	1141
Rigaku Americas Corporation.....	1242
Sable Petroleum Consultants.....	1732
TriVision GeoSystems Ltd.....	1134

## Geological Modeling

Alberta Geological Survey.....	2120
Badley Geoscience Limited.....	1116
Beicip Inc.....	1445
Cegal LLC.....	1716
Chinook Consulting.....	1537
Core Laboratories.....	1508
Dynamic Graphics, Inc.....	1345
Enthought.....	2325
GeoMark Research, LTD.....	1437
Geomodeling Technology Corp.....	1409
GeoResources STC.....	1937
Geo-Steering Solutions Inc.....	1141
GPT International Inc.....	1129
GridWorld.....	2034
Imperial College London.....	2132
ION.....	1826
Midland Valley.....	2028
Perigon.....	2122
Petro-Explorers Inc.....	2037
Petrosys USA.....	1939
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Sable Petroleum Consultants.....	1732
SeisWare International Inc.....	1239
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Trican Geological Solutions.....	1905
United Oil & Gas Consulting Ltd.....	2137
University of Leeds - Petroleum Leeds.....	1122
Weatherford Laboratories.....	1627

## Geological Studies and Consulting

Alberta Geological Survey.....	2120
Badley Ashton America, Inc.....	1143
Beicip Inc.....	1445
BGP Inc.....	2018
BHL Consulting Inc.....	1944
C&C Reservoirs.....	1838
Canadian Discovery Ltd.....	1246
Canstrat.....	1539
Chinook Consulting.....	1537
Core Laboratories.....	1508
Fugro.....	1140
GeoConvention Partnership.....	2106
Geo-Link Inc.....	1145
GeoMark Research, LTD.....	1437
GeoResources STC.....	1937
Geo-Steering Solutions Inc.....	1141
Getech.....	1832

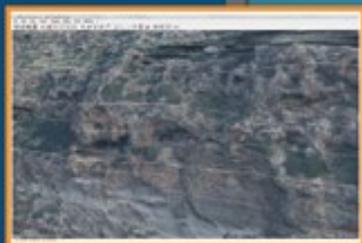
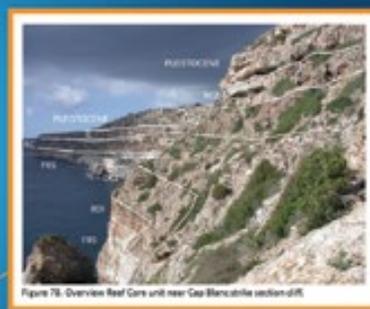
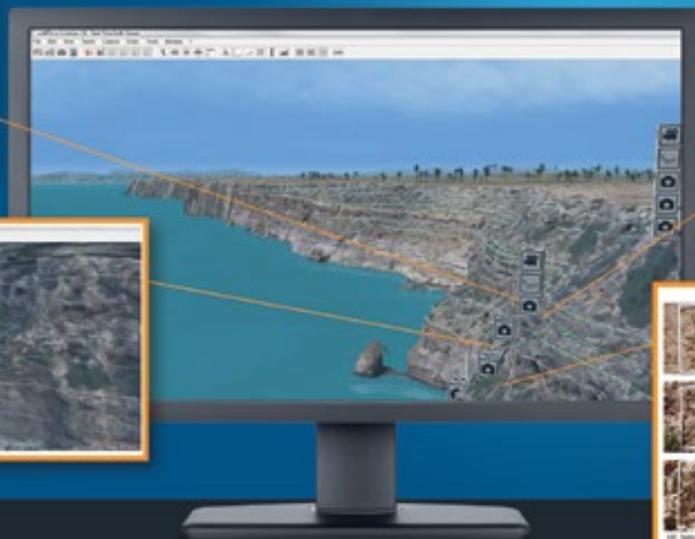
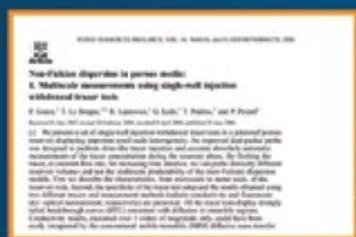
# EXHIBITOR PRODUCTS AND SERVICES

Horizon Well Logging, LLC/Excellence Logging .....	2115	Bell Geospace Inc. ....	1124	The Imaging Systems Group.....	1244
Hydrocarbon Data Systems .....	2035	BGP Inc. ....	2018	<b>Magnetic Service and Consulting</b>	
Imperial College London .....	2132	Cegal LLC .....	1716	Bell Geospace Inc. ....	1124
Ingrain .....	1115	CGG.....	1419	EGI – Energy & Geoscience Institute .....	1509
ION.....	1826	dGB Earth Sciences .....	2037	Getech .....	1832
Lynx Information Systems Inc. ....	1909	Dynamic Graphics, Inc. ....	1345	PGS.....	1229
McLeay Geological Consultants .....	1111	Enthought.....	2325	<b>Map Displays</b>	
Petro-Explorers Inc. ....	2037	Geomodeling Technology Corp.....	1409	Petrosys USA.....	1939
Pro Geo Consultants.....	2141	Getech .....	1832	Stone Quilt Design.....	2005
Rockwell Consulting .....	1712	ION.....	1826	The EasyCopy Company .....	1617
Rose & Associates, LLP .....	1805	Petro-Explorers Inc. ....	2037	The Imaging Systems Group.....	1244
RPS.....	1245	PGS.....	1229	<b>Mapping Software</b>	
Sable Petroleum Consultants .....	1732	RPS.....	1245	Dynamic Graphics, Inc. ....	1345
SGS Canada Inc. ....	1240	Sable Petroleum Consultants .....	1732	geoLOGIC systems Ltd.....	1545
Southwest Research Institute .....	1813	TGS .....	1217	Geomap Company .....	1844
Spectrum.....	1521	<b>Geophysical Processing</b>		GPT International Inc.....	1129
StructureSolver.....	1120	Bell Geospace Inc. ....	1124	Lynx Information Systems Inc. ....	1909
Subsurface Consultants & Associates, LLC (SCA) .....	1938	BGP Inc. ....	2018	Midland Valley .....	2028
The EasyCopy Company .....	1617	CGG.....	1419	Petrosys USA.....	1939
Trican Geological Solutions.....	1905	dGB Earth Sciences .....	2037	United Oil & Gas Consulting Ltd.....	2137
United Oil & Gas Consulting Ltd.....	2137	esg solutions .....	1945	<b>Mapping/Cartographic Services/Data</b>	
University of Leeds - Petroleum Leeds .....	1122	GeoConvention Partnership.....	2106	Alberta Geological Survey .....	2120
University of Miami, CSL-Center for Carbonate Research.....	1840	Getech .....	1832	Canstrat .....	1539
Weatherford Laboratories.....	1627	ION.....	1826	Geomap Company .....	1844
<b>Geophysical Interpretation</b>		PGS.....	1229	TRE ALTAMIRA.....	2044
ALS Oil & Gas.....	1819	Sable Petroleum Consultants .....	1732	<b>Measurement While Drilling (MWD)</b>	
Badley Geoscience Limited.....	1116	Spectrum .....	1521	Sable Petroleum Consultants .....	1732
Bell Geospace Inc. ....	1124	TGS .....	1217	WellSight Systems Inc. ....	1907
BGP Inc. ....	2018	The EasyCopy Company .....	1617	<b>Micropaleontological Services or Studies</b>	
CGG.....	1419	<b>Global Positioning Systems (GPS)</b>		Applied Petroleum Technology Group .....	1637
dGB Earth Sciences .....	2037	Fugro .....	1140	EGI – Energy & Geoscience Institute .....	1509
Fugro .....	1140	<b>Government Agency</b>		GeoResources STC .....	1937
Geomodeling Technology Corp.....	1409	Alberta Geological Survey .....	2120	Pro Geo Consultants.....	2141
Getech .....	1832	Ireland, Department of Natural Resources .....	2217	Rockwell Consulting .....	1712
Imperial College London .....	2132	Manitoba Mineral Resources .....	1128	SGS Canada Inc. ....	1240
ION.....	1826	Newfoundland and Labrador .....	2221	<b>Mineral/Fossil/Gem Specimens</b>	
Midland Valley .....	2028	U. S. Geological Survey.....	2121	Stone Quilt Design.....	2005
Petro-Explorers Inc. ....	2037	<b>Gravity Services and Consulting</b>		<b>Non-Exclusive Seismic Data</b>	
PGS.....	1229	Bell Geospace Inc. ....	1124	CGG.....	1419
Sable Petroleum Consultants .....	1732	Getech .....	1832	ION.....	1826
SeisWare International Inc.....	1239	<b>Laboratory Instrument or Equipment/Microscopes</b>		Lynx Information Systems Inc. ....	1909
StructureSolver.....	1120	Bruker Corporation .....	1810	Spectrum .....	1521
Subsurface Consultants & Associates, LLC (SCA) .....	1938	Carl Zeiss Microscopy, LLC .....	1144	<b>Non-Seismic Geophysical Equipment/Services</b>	
TGS.....	1217	Rigaku Americas Corporation.....	1242	ALT – Advanced Logic Technology .....	1126
The EasyCopy Company .....	1617	Rock Metrics Americas.....	1136	Bell Geospace Inc. ....	1124
University of Leeds - Petroleum Leeds .....	1122	SGS Canada Inc. ....	1240	BGP Inc. ....	2018
University of Miami, CSL-Center for Carbonate Research.....	1840	<b>Log Digitizing</b>		<b>Office Equipment/Business Machines</b>	
<b>Geophysical Modeling</b>		ALT - Advanced Logic Technology .....	1126	Neuralog.....	1339
Alberta Geological Survey .....	2120	Geomap Company .....	1844	<b>Personnel and Employment Services</b>	
Badley Geoscience Limited.....	1116	Hydrocarbon Data Systems .....	2035	Chinook Consulting.....	1537
		Lynx Information Systems Inc. ....	1909	Geo-Steering Solutions Inc. ....	1141
		MJ Systems.....	2041		
		Neuralog .....	1339		

# EXHIBITOR PRODUCTS AND SERVICES

McLeay Geological Consultants .....	1111	Beicip Inc.....	1445	SGS Canada Inc.....	1240
Subsurface Consultants & Associates, LLC (SCA) .....	1938	BGP Inc.....	2018	Southwest Research Institute .....	1813
<b>Petroleum E&amp;P Company</b>		C&C Reservoirs .....	1838	Spectralog .....	1517
Imperial College London .....	2132	CGG.....	1419	Subsurface Consultants & Associates, LLC (SCA) .....	1938
<b>Publishing/Bookseller</b>		Chinook Consulting.....	1537	Trican Geological Solutions.....	1905
Canadian Society of Petroleum Geology .....	2010	Core Laboratories .....	1508	United Oil & Gas Consulting Ltd.....	2137
EnergyNow.ca .....	1135	Digital Formation.....	1704	Weatherford Laboratories.....	1627
GeoScienceWorld .....	2117	EGI Energy & Geoscience Institute .....	1509	WellSight Systems Inc.....	1907
Houston Geological Society .....	1614	esg solutions .....	1945		
Springer Nature .....	1904	GeoConvention Partnership.....	2106	<b>Reservoir Optimization</b>	
West Texas Geological Society.....	2128	Geo-Link Inc.....	1145	AGAT Laboratories.....	1807
<b>Reserves Appraisal/Resource Management/ and Risk Analysis</b>		GeoMark Research, LTD. ....	1437	ALS Oil & Gas .....	1819
C&C Reservoirs .....	1838	Geomodeling Technology Corp.....	1409	Beicip Inc.....	1445
Petro-Explorers Inc.....	2037	GeoResources STC .....	1937	Biomarker Technologies, Inc.....	R2
Spectralog .....	1517	GridWorld.....	2034	C&C Reservoirs .....	1838
Subsurface Consultants & Associates, LLC (SCA) .....	1938	GroundMetrics.....	1708	Canadian Discovery Ltd. ....	1246
<b>Reservoir Evaluation</b>		Hydrocarbon Data Systems.....	2035	CGG.....	1419
AGAT Laboratories.....	1807	Ingrain .....	1115	Chinook Consulting.....	1537
ALS Oil & Gas.....	1819	McLeay Geological Consultants .....	1111	Core Laboratories .....	1508
Badley Ashton America, Inc.....	1143	Perigon .....	2122	Dynamic Graphics, Inc.....	1345
		Petro-Explorers Inc.....	2037	EGI Energy & Geoscience Institute .....	1509
		PGS.....	1229	esg solutions .....	1945
		Pro Geo Consultants.....	2141	GeoConvention Partnership.....	2106
		RPS.....	1245	Geomodeling Technology Corp.....	1409
		Sable Petroleum Consultants .....	1732	GroundMetrics.....	1708

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McLeay Geological Consultants .....	1111	<b>Thin Sectioning</b>		Canstrat .....	1539
PERM Inc. ....	1137	AGAT Laboratories .....	1807	Chinook Consulting .....	1537
PGS .....	1229	Applied Petroleum Technology Group .....	1637	Core Laboratories .....	1508
Pro Geo Consultants .....	2141	Core Laboratories .....	1508	Digital Formation .....	1704
Sable Petroleum Consultants .....	1732	Maxxam Analytics, A Bureau		Enthought .....	2325
SGS Canada Inc. ....	1240	Veritas Group Company .....	1911	GeoConvention Partnership .....	2106
Spectralog .....	1517	McLeay Geological Consultants .....	1111	geoLOGIC systems ltd. ....	1545
Trican Geological Solutions .....	1905	Pro Geo Consultants .....	2141	GeoResources STC .....	1937
United Oil & Gas Consulting Ltd. ....	2137	Rockwell Consulting .....	1712	Hydrocarbon Data Systems .....	2035
Weatherford Laboratories .....	1627	SGS Canada Inc. ....	1240	Maxxam Analytics, A Bureau Veritas	
<b>Satellite Image Processing/Digitizing</b>		The EasyCopy Company .....	1617	Group Company .....	1911
<b>and Interpretation</b>		Trican Geological Solutions .....	1905	McLeay Geological Consultants .....	1111
TRE ALTAMIRA .....	2044	Weatherford Laboratories .....	1627	Midland Valley .....	2028
<b>Scientific or Professional Association</b>		<b>Training Courses and Services</b>		Perigon .....	2122
Association for Women Geoscientists .....	2104	ALT - Advanced Logic Technology .....	1126	PERM Inc. ....	1137
GeoConvention Partnership .....	2106	Badley Ashton America, Inc. ....	1143	Pro Geo Consultants .....	2141
<b>Seismic Computer Processing</b>		Badley Geoscience Limited .....	1116	Sable Petroleum Consultants .....	1732
BGP Inc. ....	2018	Beicip Inc. ....	1445	Selman & Associates .....	2012
Imperial College London .....	2132	Biomarker Technologies, Inc. ....	R2	Spectralog .....	1517
Lynx Information Systems Inc. ....	1909	Canadian Society of Petroleum Geology .....	2010	TGS .....	1217
PGS .....	1229	Canstrat .....	1539	The Imaging Systems Group .....	1244
Spectrum .....	1521	dGB Earth Sciences .....	2037	WellSight Systems Inc. ....	1907
<b>Seismic Data Acquisition</b>		EGI Energy & Geoscience Institute .....	1509	<b>Well Logging</b>	
BGP Inc. ....	2018	Enthought .....	2325	ALS Oil & Gas .....	1819
CGG .....	1419	GeoConvention Partnership .....	2106	Geo-Link Inc. ....	1145
esg solutions .....	1945	GeoResources STC .....	1937	geoLOGIC systems ltd. ....	1545
ION .....	1826	Geo-Steering Solutions Inc. ....	1141	Graphic Controls .....	1214
Nanometrics .....	2129	Houston Geological Society .....	1614	Horizon Well Logging,	
PGS .....	1229	Midland Valley .....	2028	LLC/Excellence Logging .....	2115
RPS .....	1245	PERM Inc. ....	1137	Selman & Associates .....	2012
TGS .....	1217	PetroSkills .....	2228	Spectralog .....	1517
<b>Seismic Data Broker</b>		Rose & Associates, LLP .....	1805	The Imaging Systems Group .....	1244
Spectrum .....	1521	RPS .....	1245	TriVision GeoSystems Ltd. ....	1134
<b>Seismic Equipment or Instrumentation</b>		Society of Exploration Geophysicists .....	2009	WellSight Systems Inc. ....	1907
BGP Inc. ....	2018	Southwest Research Institute .....	1813	<b>Well Testing</b>	
esg solutions .....	1945	Subsurface Consultants &		AGAT Laboratories .....	1807
ION .....	1826	Associates, LLC (SCA) .....	1938	Northstar Drillstem Testers .....	2045
Nanometrics .....	2129	United Oil & Gas Consulting Ltd. ....	2137	PERM Inc. ....	1137
The Imaging Systems Group .....	1244	University of Miami, CSL-Center for		RPS .....	1245
<b>Seismic Interpretation and Consulting</b>		Carbonate Research .....	1840		
Beicip Inc. ....	1445	<b>Upstream E&amp;P A&amp;D</b>			
BGP Inc. ....	2018	Envoi Limited .....	2215		
Canadian Discovery Ltd. ....	1246	Rigaku Americas Corporation .....	1242		
dGB Earth Sciences .....	2037	Subsurface Consultants &			
Fugro .....	1140	Associates, LLC (SCA) .....	1938		
Imperial College London .....	2132	<b>Well Chemical Services</b>			
ION .....	1826	PERM Inc. ....	1137		
Midland Valley .....	2028	<b>Well Completion Services</b>			
RPS .....	1245	RPS .....	1245		
Southwest Research Institute .....	1813	<b>Well Log Analysis</b>			
Spectrum .....	1521	ALS Oil & Gas .....	1819		
Subsurface Consultants &		ALT - Advanced Logic Technology .....	1126		
Associates, LLC (SCA) .....	1938	Beicip Inc. ....	1445		
		Bruker Corporation .....	1810		

# EXHIBITOR LISTING

Exhibiting Company Name	Booth #
AAPG Center	2105
AGAT Laboratories	1807
Alberta Geological Survey	2120
ALS Oil & Gas	1819
ALT – Advanced Logic Technology	1126
Amplified Geochemical Imaging LLC	1234
Applied Petroleum Technology Group	1637
Association for Women Geoscientists	2104
Badley Ashton America, Inc.	1143
Badley Geoscience Limited	1116
Beicip Inc.	1445
Bell Geospace Inc.	1124
BGP Inc.	2018
BHL Consulting Inc.	1944
Biomarker Technologies, Inc.	R2
Bruker Corporation	1810
C&C Reservoirs	1838
Canadian Discovery Ltd.	1246
Canadian Global Exploration Forum	2139
Canadian Society of Petroleum Geology	2010
Canamera Coring	1613
Canstrat	1539
Carl Zeiss Microscopy, LLC	1144
Cegal LLC	1716
CGG	1419
Chinook Consulting	1537
Core Laboratories	1508
dGB Earth Sciences	2037
Digital Formation	1704
Dynamic Graphics, Inc.	1345
EGI Energy & Geoscience Institute	1509
EnergyNow.ca	1135
Enthought	2325
Envoi Limited	2215
esg solutions	1945
FEI Company	1209
Fugro	1140
GeoCare Benefits Insurance Programs	2002
GeoConvention Partnership	2106
Geo-Link Inc.	1145
geoLOGIC systems Ltd.	1545
Geomap Company	1844
GeoMark Research, LTD.	1437
Geomodeling Technology Corp.	1409
GeoResources STC	1937
GeoScienceWorld	2117
Geo-Steering Solutions Inc.	1141
Getech	1832
GPT International Inc.	1129
Graphic Controls	1214
GridWorld	2034
GroundMetrics	1708
Horizon Well Logging An Excellence Logging	2115
Houston Geological Society	1614
Hydrocarbon Data Systems	2035
Imaging Systems Group	1244
Imperial College London	2132
Ingrain	1115
ION	1826
Ireland, Department of Natural Resources	2217
Isobrine Solutions Inc.	1908
Loring Tarcore Labs Ltd.	2138
Louisiana State University	R1
Lynx Information Systems Inc.	1909
Manitoba Mineral Resources	1128
Maxxam Analytics, A Bureau Veritas Group Company	1911
McLeay Geological Consultants	1111
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MJ Systems	2041
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Pro Geo Consultants	2141
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Rock Metrics Americas	1136
Rockwell Consulting	1712
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Sable Petroleum Consultants	1732
Saskatchewan Ministry of the Economy	2019
SeisWare International Inc.	1239
Selman & Associates	2012
SGS Canada Inc.	1240
Society of Exploration Geophysicists	2009
Southwest Research Institute	1813
Spectralog	1517
Spectrum	1521
Springer Nature	1904
Stone Quilt Design	2005
StructureSolver	1120
Subsurface Consultants & Associates, LLC (SCA)	1938
TGS	1217
The EasyCopy Company	1617
TRE ALTAMIRA	2044
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United Oil & Gas Consulting Ltd.	2137
University of Leeds - Petroleum Leeds	1122
University of Miami, CSL-Center for Carbonate Research	1840
University of Tulsa, School of Energy	2006
Weatherford Laboratories	1627
WellSight Systems Inc.	1907
West Texas Geological Society	2128

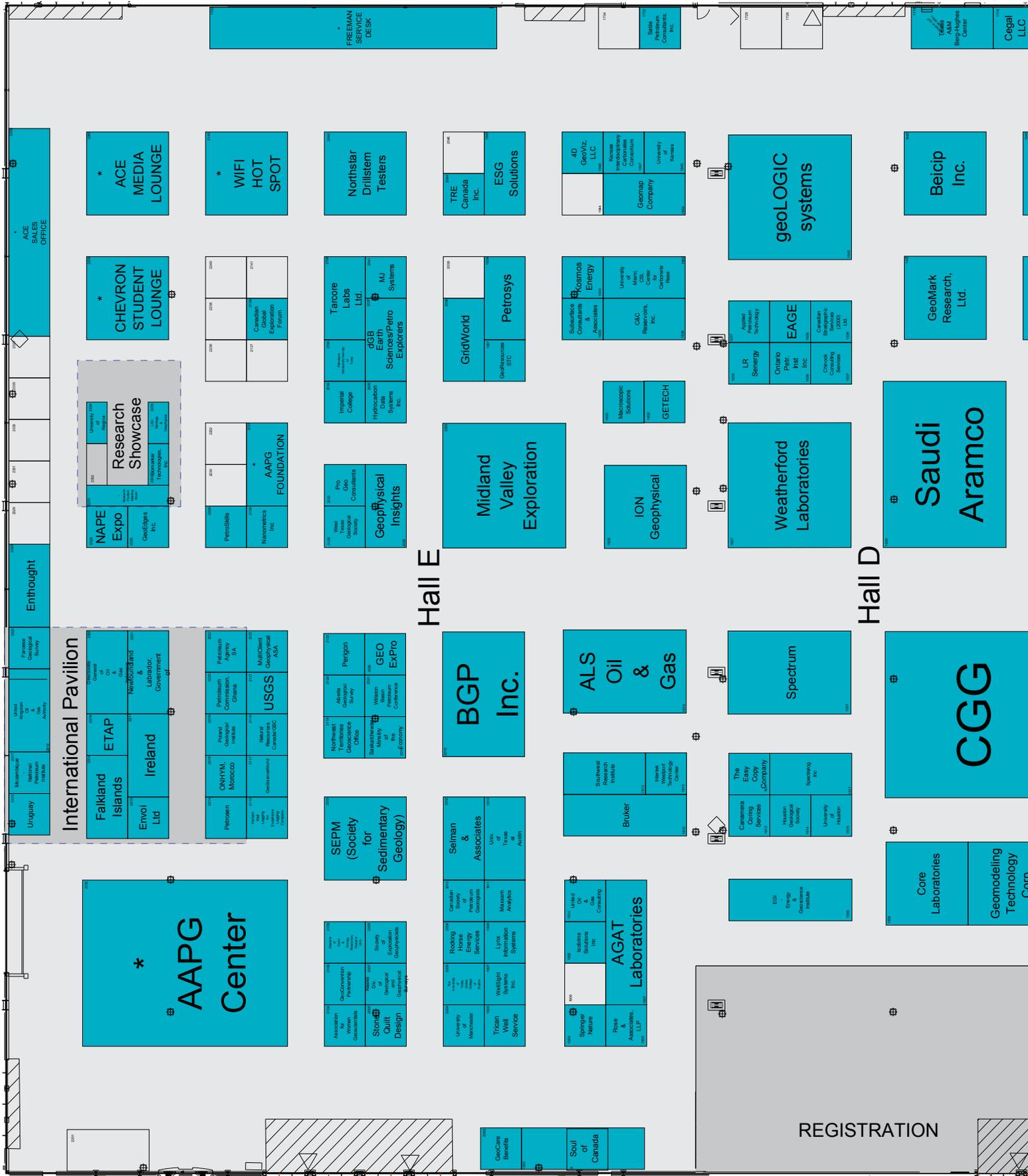


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 Sunday.....5:00 p.m.–7:30 p.m. (Icebreaker Reception)  
 Monday.....9:00 a.m.–6:00 p.m.  
 Tuesday.....9:00 a.m.–6:00 p.m.  
 Wednesday.....9:00 a.m.–12:00 p.m.

## Exhibition Highlights

- Icebreaker Reception and Grand Opening Sunday
- Daily Refreshment Breaks
- End-of-Day Receptions Monday and Tuesday
- Wi-Fi Hot Spot
- Technical Poster Presentations
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