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SEG | AAPG
image'24



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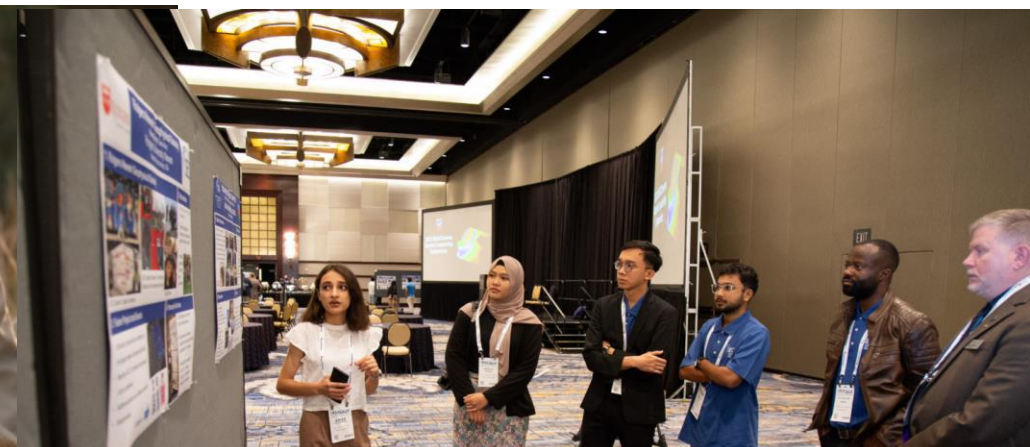
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SEG/chevron student leadership symposium (SLS)



Sponsored by: **SEG and Chevron**

SEG/Chevron Student Leadership Symposium (SLS)

Sunday, 25 August
10:00 a.m.–5:00 p.m.
Monday, 26 August
8:00 a.m.–3:30 p.m.

Hilton Americas-Houston, Ballroom of the Americas A/B/C



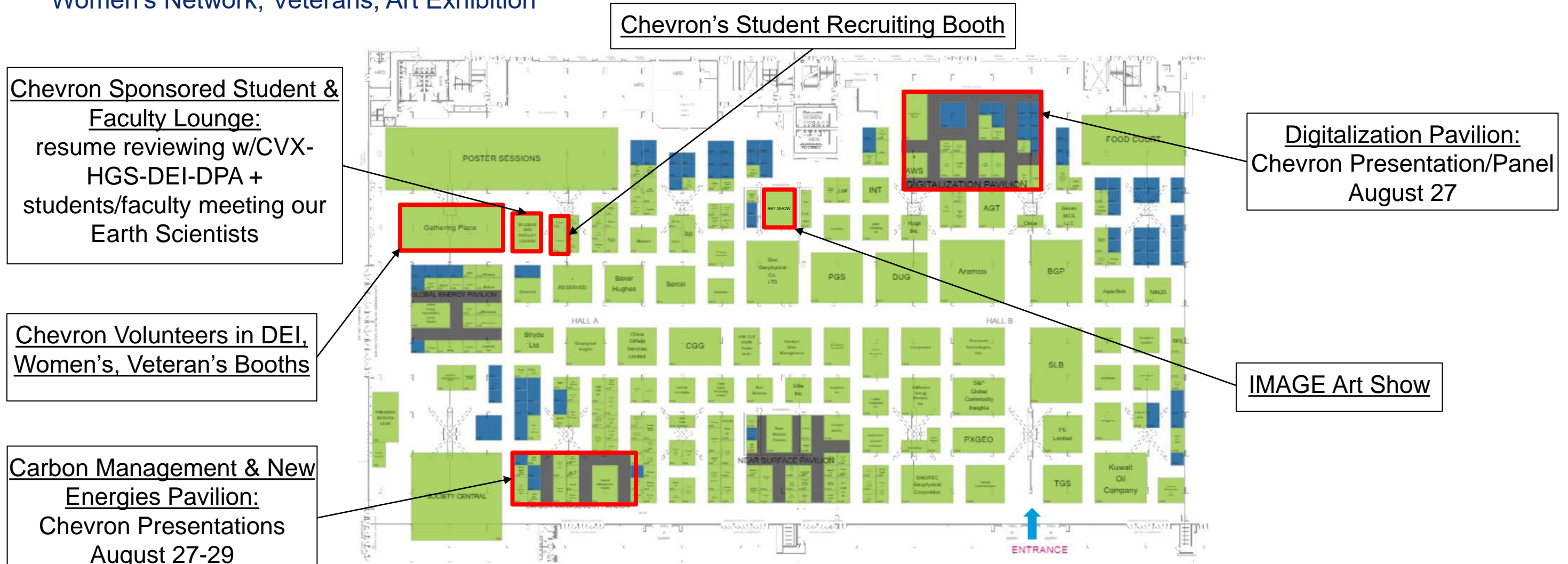
The SLS is an annual event that brings together aspiring geoscientists and industry professionals in the field of exploration geophysics. The 2023 symposium provided a platform for 35 students from 19 countries to engage in discussions, workshops, and networking opportunities. It aimed to foster leadership skills, knowledge sharing, and career development within the geophysics community, equipping the next generation of industry leaders with the tools and insights needed to excel in the field. – **John Intfen, Exploration Earth Scientist, Rocky Mountain Business Unit, Chevron**

chevron's floor presence – booth numbers

- 543, Chevron Recruiting Booth
- 443, Student & Faculty Lounge Chevron sponsors
- 1457, Digitalization Pavilion Chevron Supports
- 601, Carbon Management Pavilion Chevron Supports
- 237, Gathering Place Booths Chevron supports: DEI, Women's Network, Veterans, Art Exhibition

Show Open Dates/times:

- Monday, 26 August | 5:30 pm–7:30 pm
- Tuesday, 27 August | 9:00 am–6:00 pm
- Wednesday, 28 August | 9:00 am–6:00 pm
- Thursday, 29 August | 9:00 am–3:00 pm



panel session w/james davenport, GM geophysics & petrophysics at chevron

Panel Session

Panel: Executive Views on Business and Technology for the Energy Industry

Wednesday, 28 August

8:00 a.m.–9:40 a.m.

George R. Brown Convention Center, 370A

James Davenport is the general manager of Geophysics and Petrophysics in Chevron's Technical Center, based in Houston.

He joined Chevron in 2003, as a reservoir geophysicist and since then has held numerous positions of increasing responsibility in Australia, Norway, the United Kingdom, and the United States. Most recently, he was managing geophysics and petrophysics activities in the Permian basin, Texas. James has led asset teams as well as teams in research and technology development.

James received a Bachelor of Science in Geophysics and a Master of Science of Science in Exploration Geophysics from University of Leeds, UK.

This panel will explore the current state of Exploration and Production (E&P) amidst geopolitical events, the post-pandemic economy, and industry consolidation. A significant part of our discussion will focus on the substantial investment in Ocean Bottom Node (OBN) technology, which has evolved from being limited to field development and production, to large-scale exploration, thanks to technological advancements and innovative business models.

We aim to address the value of information, technology investment, and strategy in today's economy, contrasting industry consolidation with the rapid expansion of data acquisition and processing, particularly with OBN. These developments have profound implications on our work processes, technological advancements (such as the move to elastic full waveform inversion and machine learning), business models, and costs.

Panelists & Moderator



Adriana Citlali
Ramirez
Moderator



James Davenport



John Oliver



Wadii El Karkouri



Massimo Virgilio



Tim Roden

chevron's support at digitalization pavilion on exhibit floor

Chevron Panel

“Key Learnings from the OSDU Forum & Community”

Tuesday, August 27, 11:20 am-12:00 pm

Patrick Kelly, Product Line Manager-Subsurface Data & Insights

Chevron Presentation

Wednesday, August 28, 1:20 pm-1:40 pm

“Navigating AI Deployment: Successes, Setbacks, and Future Directions”

Steve Braun, Performance System Manager, Chadwick Holmes, Exploration Advisor, Ryan Weller, Lead Operations Geologist, Tyler Peters, Data Science Subchapter Head

Digitalization Pavilion

New digital technologies like generative AI and advances in quantum computing and telecommunications continue to improve and transform how we work. Join us at the Digitalization Theater and the Digitalization Pavilion for three full days of panels and talks on the most important issues in open subsurface data, high-performance computing, and workflow modernization and their impact on the profession of applied geoscience. Don't miss it!

IMAGE '24 EXHIBIT HALL PAVILIONS

Digitalization Pavilion

Embracing the Digital Revolution to Deliver Clean Energy Solutions

The pace of digitalization is impacting every part of our industry, and one of the most compelling business challenges facing leaders everywhere is preparing their companies to win in the digital future. New technologies and new ways of working are no longer luxuries. Instead, they are fundamental requirements to optimize operations and transition toward a low-carbon energy future.

The Digitalization Pavilion at IMAGE, highlights how data and the use of data has and will continue to change and be complementary with the new technologies such as 5G, AI, and quantum computing. Leading energy companies have the opportunity to demonstrate how they are embracing digitalization to advance their aims and share insights on what this all means for the future of geoscientists.

Key Highlights

PAST PARTICIPATING COMPANIES*:

- Aramco
- AWS
- Bluware
- Chevron
- Cognitive GeoInterpretation, Inc
- dataVediK
- ESRI
- Geophysical Insights
- Halliburton
- Hitachi Vantara
- Ikon Science
- Imaged Reality
- Resolve GeoSciences, Inc.
- Rogii
- S&P Global
- SambaNova
- S-Cube
- Seagate
- SeisWave
- Shell
- Sinopec
- Sound QI Solutions Ltd.
- Subsurface Clairty, LLC
- TGS
- Thoughtworks
- Woodside

Digitalization Theater Sponsors*:

Digitalization Pavilion Sponsors*:

*Indicates 2023 participants




chevron's support at carbon management pavilion on exhibit floor

Carbon Management Pavilion

Join us for lively presentations and panel discussions on the hottest topics in carbon management. Find out what companies are planning, where opportunities are emerging, and what knowledge, skills, and experience are being repurposed for use in energy storage, CCUS, carbon credits and carbon registries, reducing methane and CO2 emissions and more. Come prepared to participate in discussions, meet new people, and learn about new technologies.

IMAGE '24 EXHIBIT HALL PAVILIONS

Carbon Management Pavilion

Creating Low-Carbon Strategies for a Sustainable Future

The Carbon Management Pavilion at IMAGE will highlight an ever-growing carbon market within our geosciences and energy industry.

The pavilion will deliver a platform for global energy companies and CCS experts to share and showcase the latest carbon technologies, discuss low-carbon strategies and policies, identify net-zero opportunities and developments, and highlight the essential roles our oil and gas sectors play in achieving a low-carbon future.

Key Highlights

PAST PARTICIPATING COMPANIES*:

- Badley Ashton & Associates Ltd.
- Battelle Memorial Institute
- C&C Reservoirs
- Carbon Management Canada
- CGG
- Chevron
- ExxonMobil
- GCCC, Bureau of Economic Geology, UT Austin
- Geox MCG
- Geophysical Insights
- Ikon Science
- MicroSeismic
- OptiSeis Solutions Ltd.
- Premier Corex
- SCA
- SEG Evolve
- Sercel
- SLE
- SwRI
- TGS
- University of Wyoming
- ZeroSix

Carbon Management Theater Sponsor*:

ExxonMobil

Carbon Management Pavilion Sponsors*:

aramco  

*Indicates 2023 participants



Tuesday, August 27
4:40 pm

Panel
“Optimal Datasets for CCUS
Site Characterization”

Panelist:
Tonya Richardson

Wednesday, August 28
4:40 pm

Panel
“Geochemistry for CCS
Projects”

Panelist:
Pejman Rasouli

Moderator:
Miles Frazer

Thursday, August 29
11:20 am

Panel
“Innovative Software for
Effectively Managing CCS
Projects”

Panelist:
Ishtar Barranco

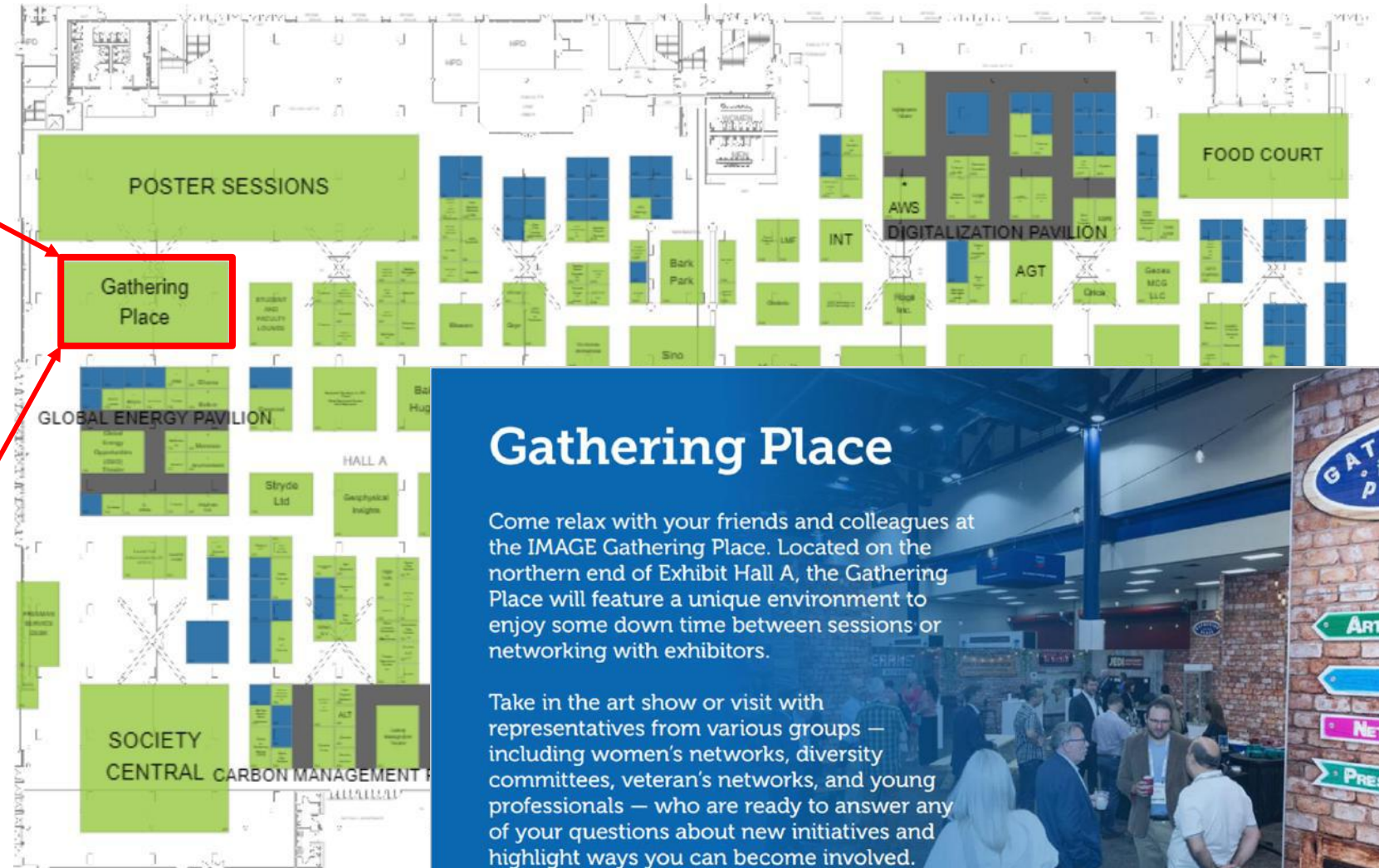
Moderator:
Amanda Guzofski

chevron volunteers at the gathering place

DEI Booth in the Gathering Place
(Booth 237)

Women's Network Booth in the
Gathering Place (Booth 237)

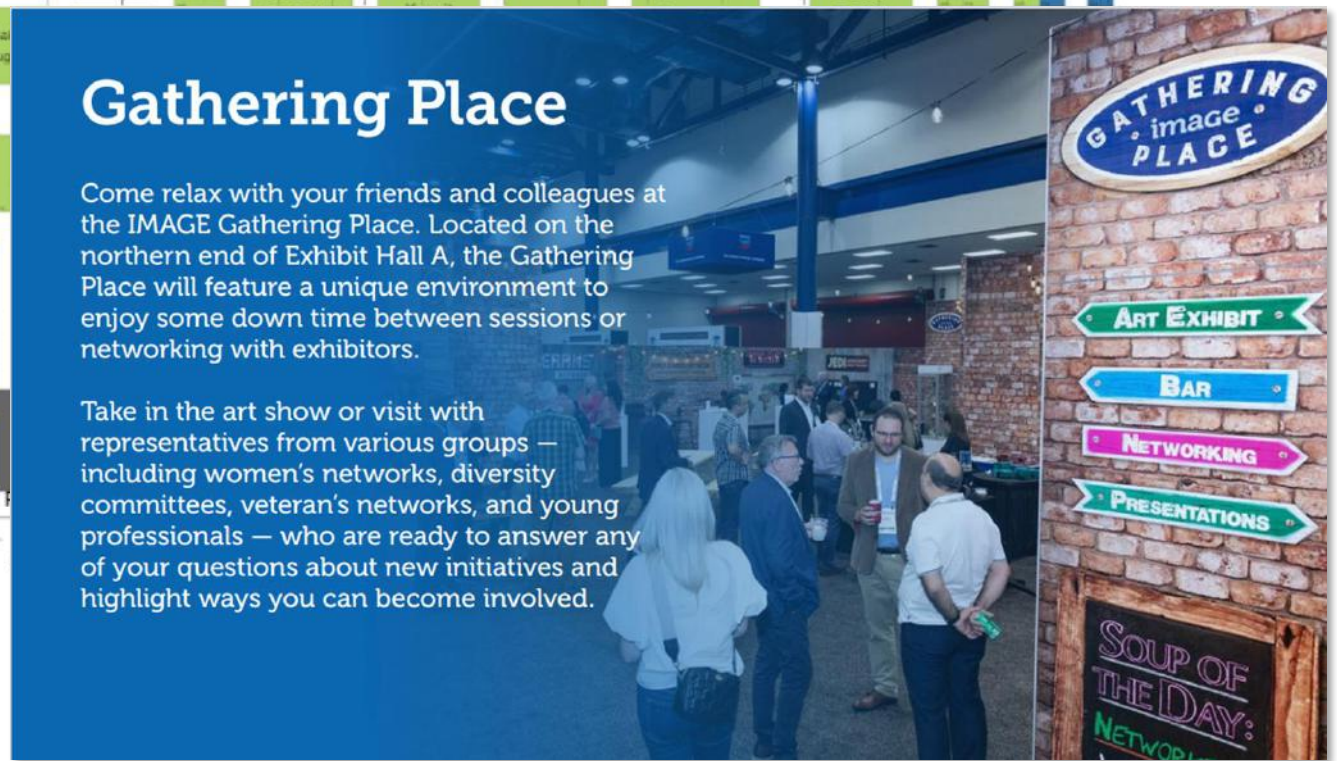
Veteran's Booth in the Gathering
Place (Booth 237)



Gathering Place

Come relax with your friends and colleagues at the IMAGE Gathering Place. Located on the northern end of Exhibit Hall A, the Gathering Place will feature a unique environment to enjoy some down time between sessions or networking with exhibitors.

Take in the art show or visit with representatives from various groups — including women's networks, diversity committees, veteran's networks, and young professionals — who are ready to answer any of your questions about new initiatives and highlight ways you can become involved.



DEI panel w/lanette marcha, senior exploration earth scientist, on “you don’t have to be a president to impact the geo-community” @ booth 237/gathering place

Tuesday, August 27th at the Gathering Place!

Panel 1: You Don’t have to a President to Impact the Geo-Community

10:00 AM – 11:00 AM

- Join us as we discuss how you don’t necessarily have to be in a leadership position to make an impact. This panel will highlight the importance of geosocieties, how to be an ally, and play an active role within the ever-changing geo-community as we continue exploring the future of energy.

AMA 1: Careers in Geoscience - Ask Me Anything

1:00 PM – 2:00 PM

- Join us for a casual, ask-me-anything session with geoscientists from different professions! Each table will feature a different and unique geoscience discipline, where anyone can ask more about their profession, how to get involved, and what future opportunities lie ahead!

Panel 2: Career Development within the Geosciences Panel

3:00 PM – 4:30 PM

- Join us for a career development panel where experts discuss directions in geosciences careers, and strategies for maximizing your flexibility and employability in rapidly changing times. Stay for a happy hour after for further networking.

Honoring Past and Current Women Leaders in Professional Societies

- Honoring the only three SEG past-presidents within the 90 years of SEG’s history.
- Honoring all previous and current women leaders across all professional societies (AAPG, SEG, AWG, SEPM, WING and more) to celebrate the wonderful leaders that have helped the future of our geosocieties.
- Stop by throughout the conference to enter the for a fantastic art-from-orbit geoscience prize!



4:30 PM

Panelists:

- Kathleen Gould, Account Executive, Energy - North America at Seequent
- Marsha Broussard, Director, Marsha Bourque and Associates
- Stefano Mazzoni, Senior Geomodeller at Canacol Energy Ltd. and Associate at Geology Field School
- **Lanette Marcha, Senior Exploration Earth Scientist, Global New Ventures at Chevron**
- Liege Rhodes, Software Support Liaison - NASA, SPI R&D at Shearwater



Join us at



DEI panel w/rhonika kaplan, senior technical earth scientist, midcon BU, on “yesterday, today, and tomorrow: diversity, equity, and inclusion in the geo-industry” @ booth 237/gathering place

Wednesday, August 28th at the Gathering Place!

Panel 3: Yesterday, Today, and Tomorrow: Diversity, Equity, and Inclusion in the Geo-Industry 10:00 AM – 11:00 AM

- Join our esteemed speakers as they explore the different approaches that the industry has taken on diversity, equity and inclusion (DEI). Continuity will be a key theme as we navigate the ever-evolving geo-landscape, and actively shape the future through being an ally. This panel will explore how DEI has evolved over time, and has impacted our industry on an international level.

JEDI Within the Geosciences 12:00 PM – 1:00 PM

- Join us for two talks about Justice Equity Diversity and Inclusion (JEDI) from two distinguished speakers. Eileen will showcase Geoscientists Around the Globe, whereas Neelsh will present more about the JEDI Ambassador Program.

AMA 2: Ask Me Anything with Women Leaders 3:00 PM – 4:00 PM

- Don't miss this unique opportunity to engage with prominent women leaders in an informal, small-group setting. This event is designed to foster open, relaxed conversations where you can ask anything that's on your mind. Whether you're curious about their experiences in leadership, career development, or technical topics, this is your chance to gain valuable insights and expand your network. Co-hosted by the AAPG Women's Network, SEG Women's Network, IMAGE Diversity, Equity & Inclusion Committee, Association for Women Geoscientists, and Women in Geothermal, this event promises to be a highlight of the convention. See you there!

Celebrating Students and YPs 4:30 PM

- Happy hour at the Gathering Place to celebrate international students and young professionals attending IMAGE 2024.



When: Wednesday (08/28), 10:00 am -11:00 am

What: Join these esteemed speakers as they explore the different approaches that the industry has taken on Diversity, Equity & Inclusion (DEI). Continuity will be a key theme as we navigate the ever-evolving geo-landscape, and actively shape the future through being an ally.

Who:

- Teresa Santana (YPF)
- Jerome Murphy (XOM - Geoscience Sr. Principal)
- Rhonika Kaplan - Sr. Technical Earth Scientist @ Chevron**
- Haydon Mort - CEO - Geologize



Join us at booth #237!



DEI engagement w/yuli zhang, subsalt imaging chapter manager, chevron technical center, on “ask me anything w/women leaders” @ booth 237/gathering place

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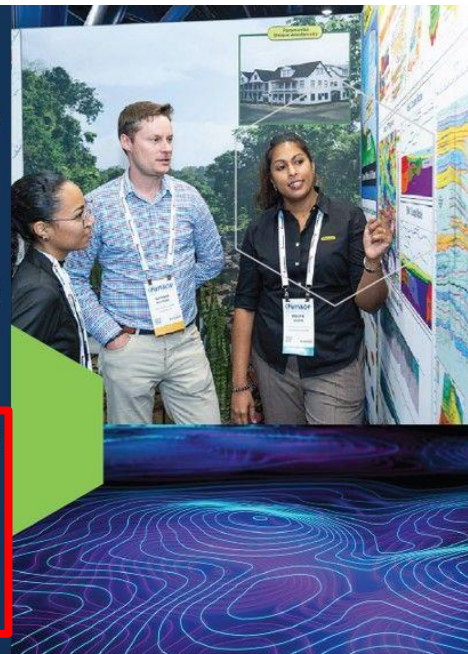
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When: Wednesday (08/28), 3:00-4:00 pm

What: Engage with prominent women leaders, including **Chevron's Yuli Zhang, Subsalt Imaging Chapter Manager**, in a small informal setting to ask anything that's on your mind: curious about their leadership experiences, career development, technical topics...

Celebrating Students and YPs

- Happy hour at the Gathering Place to celebrate international students and young professionals attending IMAGE 2024.



Join us

“Ask Me Anything” with Women Leaders

Wednesday, August 28th, 3-4pm CT
At the “Gathering Place,” Exhibit Hall A/B, Booth #237

Dr. Julie Bloxson Associate Professor at Stephen F. Austin State University	Brittany Gierke Drilling Engineer at Fervo Energy	Maria Guedez Senior Vice-President Business Development and Technology at Denbury and Development Manager US Conventional at ExxonMobil	Dr. Camelia Knapp Associate Dean for Research in the College of Arts and Sciences at Oklahoma State University	Yuli Zhang Subsalt Imaging Chapter Manager of Technology Center at Chevron	Helena Zirczy Manager QI Americas at Shell



art exhibit at booth 1144: coordinated by alicia kahn, international biostratigrapher, basin framework & GEMS, chevron

What:

- **members of AAPG, SEG, and IMAGE volunteers/participants showcasing their visual art – photography, sculpture, textile, file, or ceramics**
- **curated exhibition featuring geological/scientific-themed art**
- **no fee to enter and artists selling without commission**
- **submissions will be judged by an anonymous panel**



chevron's support of new innovations & collaboration hubs

New Technology Showcase

Accelerating New Transformative Solutions for New Business Opportunities

Connecting innovative new products and services to potential new markets and funding sources. The New Technology Showcase will give presenters the opportunity to explain how their new product or service improves operations, increases efficiency, or enables organizations to quickly enter new businesses.

[Dayo Adebayo](#)

**Tuesday, August 27
2:00 pm**

“New Technology Scouts and Investors: Focus on Analytics, Data, and AI - New Trends and Where Investment Dollars are Going”

room 310

[Dayo Adebayo](#)

**Wednesday, August 28
2:00 pm**

“New Technology Scouts and Investors: Focus on Energy Technologies Including Deepwater, Orphan Wells, Geothermal, and Lithium”

room 310

chevron's oral presentations:

Tuesday, August 27

“A depth uncertainty estimation method using interval-domain anisotropic VTI velocity and travel time detectability criterion”

Andrey Shabelansky, Cory Hoelting, Min Yang, Sizhuang Deng, Jinsong Chen

AAS 1: Anisotropy and Uncertainty
8:00 am
Room 362B

“Nonparametric Bayesian approach for robust depth uncertainty estimation from seismic velocity and anisotropy tradeoffs”

Jinsong Chen, Sizhuang Deng, Min Yang, Andrey Shabelansky, Cory Hoelting, Huafeng Liu, Maisha Amaru

AAS 1: Anisotropy and Uncertainty
8:00 am
Room 362B

“Sandbody Architecture and Sequence Stratigraphy of the Lower Permian Decie Ranch Member of the Skinner Ranch Formation, Lenox Hills, West Texas”

Conor Sullivan, Arthur Donovan, Michael Pope, Morgan Sullivan

NA 1: Permian 1
8:00 am
Room 360A

chevron's oral presentations:

Tuesday, August 27

“Establishing a biostratigraphically constrained sequence stratigraphic framework: Oligo-Miocene deep-water Levant Basin, offshore Israel”

Andrew Madof, Alyssa Wickard, Megan Stearman, Fabien Laugier, Brad Christensen, Alicia Kahn, Lydia Novakovic

EMME 2: Frontier Exploration Plays in the Eastern Mediterranean/Middle East Region
10:20 am
Room 371A

“Finite-difference wavefield propagation using superstepping”

Tamas Nemeth, Kurt Nihei, Alexander Loddoch, Anusha Sekar, John Washbourne, Luke Decker, Sam Kaplan, Chunling Wu, Andrey Shabelansky, Ovidiu Cristea

SMT 2: New Approaches in Wavefield Modeling
10:20 am
Room 372A

“JAX acceleration of Implicit FWI and field data application”

Anusha Sekar, Ke Wang, Tamas Nemeth, Uwe Albertin, Matthew Eaid, Kurt Nihei, Enning Wang

FWI 2: Machine Learning 1
10:20 am
Room 370A

chevron's oral presentations:

Tuesday, August 27

“Lessons learned from acoustic open-hole formation evaluation in an unconventional horizontal well”

Alexei Bolshakov, Kristoffer Walker, Mason Edwards, Ricardo Freitas

BH 2: Petrophysics and Formation Evaluation
10:20 am
Room 372C

“Exploration chance of success: Moving to consensus through discussion and data science”

Rick Abegg, Ashley Shuler, Ben Dowdell, Monique Velasquez

SS 4: Recommended Practices in Exploration Assurance: Implementation
10:20 am
Room 361A

“Petrophysical rock typing workflow with NMR logs and Machine Learning”

Boqin Sun, Robert Mallan, Darryl Green

BH 2: Petrophysics and Formation Evaluation
10:20 am
Room 372C

chevron's oral presentations:

Tuesday, August 27

“Deepwater Reservoir
Characterization & Prediction: a
New Way to Think About Sand”

**Morgan Sullivan, Fabien
Laugier, Peter Sixsmith, Erin
Meyers, Bruce Power**

NA 6: US Gulf of Mexico: Onshore and
Offshore Wilcox Trends
1:20 pm
Room 361B

“Eavesdrop during sand cleanout
well intervention with distributed
acoustic sensing”

**Ivan Lim Chen Ning, Bradley
Barnum, Xinhui Min, Monika
Yaljak, Brian Arias, Yanfen
Zhang, Kai Sun, Ozzy Isabu**

DAS 1: Fracture and Borehole Monitoring 3
1:20 pm
Room 362B

“3D pre-trained transformers for
seismic fault detection, image
denoising and dense horizon
interpretation”

**Enning Wang, Peter Lovely,
Lachlan Wright, Sarah Vitel,
Anusha Sekar, Maisha Amaru**

DMLA 1: Foundation Models
1:20 pm
Room 351A

chevron's oral presentations:

Wednesday, August 28

“Highlights of chapter 3- seismic applications in the newly released 2022 revision of guidelines for applications of the petroleum resources management system”

Andrew Royle

SS 10: Reserves and Resource
Quantification 1
8:00 am
Room 362B

“Advancing Reservoir Modeling with Semantic Image Inpainting and Computational Stratigraphy”

Eduardo Maldonado Cruz, Lewis Li, Tao Sun, Julio De La Colina

DMLA 4: Reservoir Modeling 3
10:20 am
Room 351A

“Establishing seismic as a reliable technology for reserve booking in the Gulf of Mexico”

Michael Murat, Andrew Royle

SS 11: Reserves and Resource
Quantification 2
10:20 am
Room 362B



chevron's oral presentations:

Wednesday, August 28

“Extended full waveform inversion to improve the subsalt imaging in GOM”

Guojian Shan, Jingru Chen, Zheming Tan, John Chen, Yue Wang, Xiaoting Lou, Jennifer Zhang, William Lester

FWI 4: Cycle Skipping 1
1:20 pm
Room 361B

“Sparse ocean bottom node seismic interferometry and inversion: a Gulf of Mexico study”

Ivan Lim Chen Ning, Justin Tan, Ranjan Dash

SMT 3: Advancements in Imaging and Inversion: Case Studies
1:20 pm
Room 362C

“Segment...anything? Application of a fine-tuned, transformer-based computer vision model to 3D seismic geobody interpretation”

Adam Halpert, Bruce Power

INT 4: Seismic Attributes and New Interpretation Workflows
3:40 pm
Room 361A

chevron's oral presentations:

Wednesday, August 28

“Elastic FWI for joint V_p , V_s , and
density inversion”

Peng Shen

FWI 5: Elastic and Multiparameter
3:40 pm
Room 361B

chevron's oral presentations:

Thursday, August 29

“You don't know the half of it:
Explaining the variance in deep
water sand delivery”

Ashley Harris

SILIC 1: Deepwater Sedimentary
Systems
8:00 am
Room 362B

“Unlocking the potential of
narrow-azimuth streamer
acquisition with Extended FWI
and Least Square RTM: A case
study for an Eastern
Mediterranean Field”

Lei Zhuo

FWI 7: Case Studies 3
10:20 am
Room 370A

chevron's oral presentations:

Thursday, August 29

“Seal leakage Analysis and
Forward Modeling of a CO2
Sequestration Site”

Luca Duranti

RP 4: CO2 Sequestration Applications
2
1:20 pm
Room 362B

“VTI Anisotropic Stiffness
Tensor Logging: A Case Study”

Kristoffer Walker

RP 5: Experimental and Borehole
3:10 pm
Room 362B

chevron's poster presentations

Youfang Liu

Tuesday, August 27
10:20 am
Poster Station 2

“Automatic detection of
DAS-recorded microseismic
fracture reflections”

DAS P2: Machine Learning
Applications 2

**Yue Wang, Yang Luo,
Peng Shen, Jingru Chen,
Guangchi Xing, Ao Cai,
Mark Fan, Guojian Shan,
Xiaoting Lou, Zhengyun
Zhou**

Wednesday, August 28
1:20 pm
Poster Station 1

“Prestack true-amplitude
angle-domain viscoelastic
least squares reverse time
migration”

AAS P7: Imaging and Inversion

**Jinsong Chen, Chang Li,
Lei Wei, Anusha Sekar,
Maisha Amaru**

Thursday, August 29
1:20 pm
Poster Station 7

“Bayesian uncertainty
quantification for reservoir
parameter changes
estimated from time-lapse
machine learning”

DMLA P6: Reservoir Forecasting



short courses by chevron

Ryan Wilson

Monday, August 26

8:30 am – 4:00 pm

SC-12: Mudstones: Key to
Paleoclimate Archives, Subsurface
Fluid Flow, and Hydrocarbon
Source, Reservoir, and Seal
(SEPM)

Chevron Office

**Kenn Ehman, Selen
Esmeray-Senlet, Chadwick
Holmes**

Monday, August 26

8:30 am – 4:00 pm

SC-14: Seismic Stratigraphy and
Geomorphology for Graduate
Students (SEPM)

SLB Training Center

workshops by chevron

Shauna Oppert

Friday, August 30
8:30 am

4D seismic and
geomechanics

w-2: Advancements and the Road
Ahead in 4D Seismic

Adam Halpert

Friday, August 30
8:30 am

Transformative progress in
deep learning models for
seismic interpretation

w-17: What Generative AI can do for
Geoscience

John Washbourne

Friday, August 30
1:30 pm

Introduction

w-1: Accelerated Geophysics with
Cloud Computing

SEPM field trips supported by chevron ES

emory mckenzie, field trip leader



Field Trip

Texas Coastal Processes – Brazos River Delta to Galveston Island I (Pre-Convention)

Sponsored By the Society for Sedimentary Geology (SEPM)

Saturday, 24 August
8:00 a.m.– 6:00 p.m.

George R. Brown Convention Center

Sites ~60 miles south of Houston along ~35 miles of the SE Texas coastline provide excellent locations to observe coastal sedimentological processes and their resultant deposits. This section of the Texas coast is characterized by barrier islands separated by tidal inlets and river outlets. The larger, sand-ridge cored, prograding Galveston Island contrasts with the smaller, wash-over dominated, retreating Follets Island and is separated by the stable, long-lived San Luis Pass that exhibits well developed flood and ebb tide delta systems. The Brazos River empties into the Gulf of Mexico to the south of Follets Island and forms a wave-dominated delta system. The Brazos River Delta has undergone significant changes due to human intervention and demonstrates the dynamic nature of sediment movement and deposition along the coast. This section of the coast provides insight into the steady lower energy background processes of sediment movement and the higher energy short term events, and the resultant reservoir characteristics of clastic coastal deposits from these different mechanisms. The understanding gained from these modern systems can be applied as an analog for subsurface investigations along the Gulf Coast and elsewhere.

Field Trip Leader(s)

Erik Scott, Rice University - Vecta Oil & Gas
Emory Mckenzie, Development Geologist, Chevron

Contact

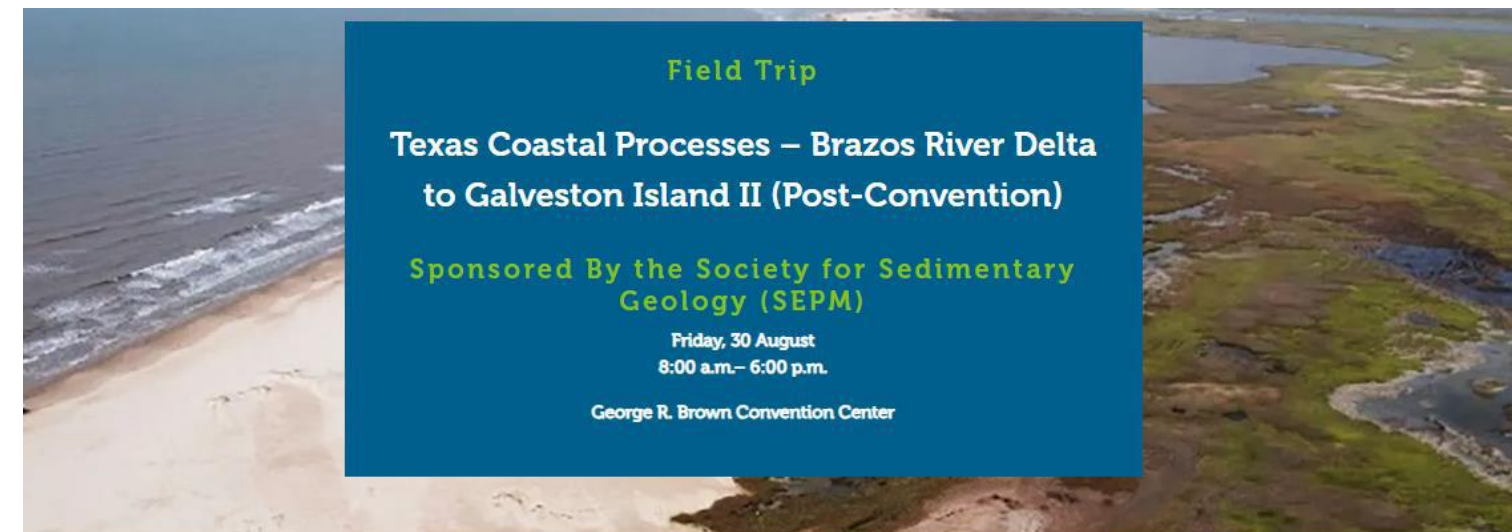
Alicia Collins

Tel. +1 918 560 2616

Meeting Planner

acollins@aapg.org >>

acollins@aapg.org



Field Trip

Texas Coastal Processes – Brazos River Delta to Galveston Island II (Post-Convention)

Sponsored By the Society for Sedimentary Geology (SEPM)

Friday, 30 August
8:00 a.m.– 6:00 p.m.

George R. Brown Convention Center

Sites ~60 miles south of Houston along ~35 miles of the SE Texas coastline provide excellent locations to observe coastal sedimentological processes and their resultant deposits. This section of the Texas coast is characterized by barrier islands separated by tidal inlets and river outlets. The larger, sand-ridge cored, prograding Galveston Island contrasts with the smaller, wash-over dominated, retreating Follets Island and is separated by the stable, long-lived San Luis Pass that exhibits well developed flood and ebb tide delta systems. The Brazos River empties into the Gulf of Mexico to the south of Follets Island and forms a wave-dominated delta system. The Brazos River Delta has undergone significant changes due to human intervention and demonstrates the dynamic nature of sediment movement and deposition along the coast. This section of the coast provides insight into the steady lower energy background processes of sediment movement and the higher energy short term events, and the resultant reservoir characteristics of clastic coastal deposits from these different mechanisms. The understanding gained from these modern systems can be applied as an analog for subsurface investigations along the Gulf Coast and elsewhere.

Field Trip Leader(s)

Erik Scott, Rice University - Vecta Oil & Gas
Emory Mckenzie, Development Geologist, Chevron

Contact

Alicia Collins

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Meeting Planner

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SEPM activities sponsored by chevron

SEPM Research Group Meetings

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

- SEPM Carbonate Research Group
George R. Brown Convention Center
Tuesday, 27 August – 7:00 p.m.–10:00 p.m.
- SEPM Clastic Diagenesis Research Group
George R. Brown Convention Center
Tuesday, 27 August – 7:00 p.m.–10:00 p.m.
- SEPM Micropaleontology Research Group
George R. Brown Convention Center, Room 381 C
Tuesday, 27 August – 7:00 p.m.–10:00 p.m.

SEPM Field Trip and Short Courses

Be sure to check out the trip and courses offered for this meeting. Students should especially be aware of the Sequence Stratigraphy for Graduate Students sponsored by Chevron and the other SEPM courses that have some discounted student seats sponsored by multiple companies.

Visit [SEPM.org](https://www.sepm.org) for updates.

Special Features

SEPM Activities at IMAGE

Tuesday, 27 August

7:00 p.m.–10:00 p.m.

George R. Brown Convention Center, Various Rooms

thank you to all chevron volunteers at IMAGE 2024

#oneteam



Rick Abegg, Dayo Adebayo, Rustam Akhmadiev, Uwe Albertin, Kassem Alokla, Jonathan Allen, Maisha Amaru, Irene Arango, Brian Arias, Ali Asibor, Milad Bader, Katie Baker, Kila Bale, Allison Barbato, Doug Barber, Bradley Barnum, Ishtar Barranco, Sarah Baumgardner, Melissa Beaman, Jeff Bergeron, Alexei Bolshakov, Joniell Borges, Steve Braun, Vanessa Brown, Ivana Bunting, Ao Cai, Rebecca Caldwell, Brad Cey, Alyssa Charsky, Jingru Chen, Jinsong, Chen, John Chen, Lin Christianson, Brian Church, Heather Clayton, Elson Core, Ovidiu Cristea, Luisa Crousse, Peyton Dardeau, Ranjan Dash, James Davenport, Julio De La Colina, Rafael Delfin, Sizhuang Deng, Paula Diaz Luengo, Arthur Donovan, Ben Dowdell, Anne Draucker, Nadima Dwihusna, Luca Duranti, Matthew Eaid, Mark Edwards, Kenn Ehman, Oyie Ekeng, Oluseye Ekun, Selen Esmeray-Senlet, Jeff Fabre, Mark Fan, Francesca Fazzari, Lawrence Febo, Esteban Fernandez Azparren, Weihong Fei, Nathan Figueredo, Clyde Findlay, Gama Firdaus, Timothy Fisher, Scott Flamm, Miles Frazer, Ricardo Freitas, Kun Fu, Ibrahim Gomaa, Kiara Gomez, Alena Grechishnikova, Darryl Green, John Greene, Amanda Guzofski, Rebecca Hackworth, Casey Hagbo, Van Hai Nguyen, Adam Halpert, Nancy Harris, Ash Harris, Troy Hawkes, Cory Hoelting, Chadwick Holmes, Laura Huebner-Diaz, Bradley Huffman, John Intfen, Ozzy Isabu, Farhan Jamil, Imelda Johnson, Alicia Kahn, Rhonika Kaplan, Sam Kaplan, Barry Katz, Zishann Khan, Lars Koehn, Janet Kong, Aygul Kostinovsky, Nathan Kuhle, Fabien Laugier, Pam Leon, William Lester, Chang Li, Lewis Li, Huafeng Liu, Ivan Lim Chen Ning, Fang Lin, Jess Little, Daniel Locci Lopez, Alexander Loddoch, Cecilia Lopez-Gamundi, Xiaoting Lou, Peter Lovely, Yang Luo, Andrew Madof, Hermes Malcotti, Eduardo Maldonado Cruz, Robert Mallan, Lanette Marcha, Michael Martinez, Jessica Matthews, Emory McKenzie, Mei Mei, Efren Mendez, Erin Meyers, Xinhui Min, Julymar Morantes, Kanetra Moses, Michael Murat, Zach Murphy, Cynthia Murphy-Ortega, Lydia Novakovic, Jeff Nealon, Tamas Nemeth, Tanner Nielson, Kurt Nihei, Antonio Nocioni, David Nworie, Jeff Nunn, Shauna Opper, Richard Patience, Tobias Payenberg, Nadine Pearson, Adrian Peinado, Tyson Perkes, Tyler Peters, Michael Pope, Kevin Portillo, Anahita Pourjabbar, Bruce Power, Shane Prochnow, Andrea Pylate, Kevin Raber, Pejman Rasouli, Ellen Reat Wersan, Hernan Reijenstein, Andrew Reith, Fernando Rey, Sydney Richards, Tonya Richardson, Mike Richey, Joy Roth, Andrew Royle, Casey Ruplinger, David Saldivar, Nicole Salladin, Liz Schwarze, Adam Searle, Anusha Sekar, Andrey Shabelansky, Guojian Shan, Peng Shen, Ashley Shuler, Peter Sixsmith, Megan Stearman, Joseph Stitt, Conor Sullivan, Patrick Sullivan, Boqin Sun, Kai Sun, Tao Sun, Justin Tan, Ying Tan, Zhemin Tan, Dileep Tiwary, Katie Trahan, Diby Tripathy, Luis Valencia, Monika Valjak, Monique Velasquez, Devon Verellen, Sarah Vite, Jonathan Voyles, Kristoffer Walker, Enning Wang, Ke Wang, Yue Wang, John Washbourne, Lei Wei, Ryan Weller, David Wheatley, Karen Whittlesey, Alyssa Wickard, Darsel Wright, Lachlan Wright, Khryste Williams Wright, Ryan Wilson, Chunling Wu, Zi Xian Leong, Guangchi Xing, Nana Xu, Min Yang, Un Young Lim, Jennifer Zhang, Yanfen Zhang, Zhishuai Zhang, Zhengyun Zhou, Lei Zhuo, Muni Zulkifli