Strategic Panels @ IMAGE: Chevron Panelists in Ballroom C

Rhonda Welch

Subsurface Talent Manager

Tuesday, 29 August

10:20 AM – 11:35 AM

"Revitalizing the Energy Workforce Post-Pandemic and Across Generations"

Josetta Jones

Chief Diversity & Inclusion Officer

Tuesday, 29 August

1:20 PM – 2:35 PM

"Powering the Energy Landscape of Tomorrow: Successful Geoscience Collaboration with Diverse Teams"

Jake Umbriaco

Subsurface Digital Platform Manager

Tuesday, 29 August

3:40 PM – 4:55 PM

"The Energy Transition: Modernizing Business Workflows and Optimizing the Data Supply Chain"

Sunday Shepherd

General Manager Strategy

Wednesday, 30 August

10:20 AM – 11:35 PM

"The Energy Addition: Energy Industry Diversification Strategies"

Ryan Weller, *Geological & Geophysical Operations Data Scientist*

Moderating "Digital Geoscience and Operations: Case Studies from Onshore, Offshore, and Unconventionals"

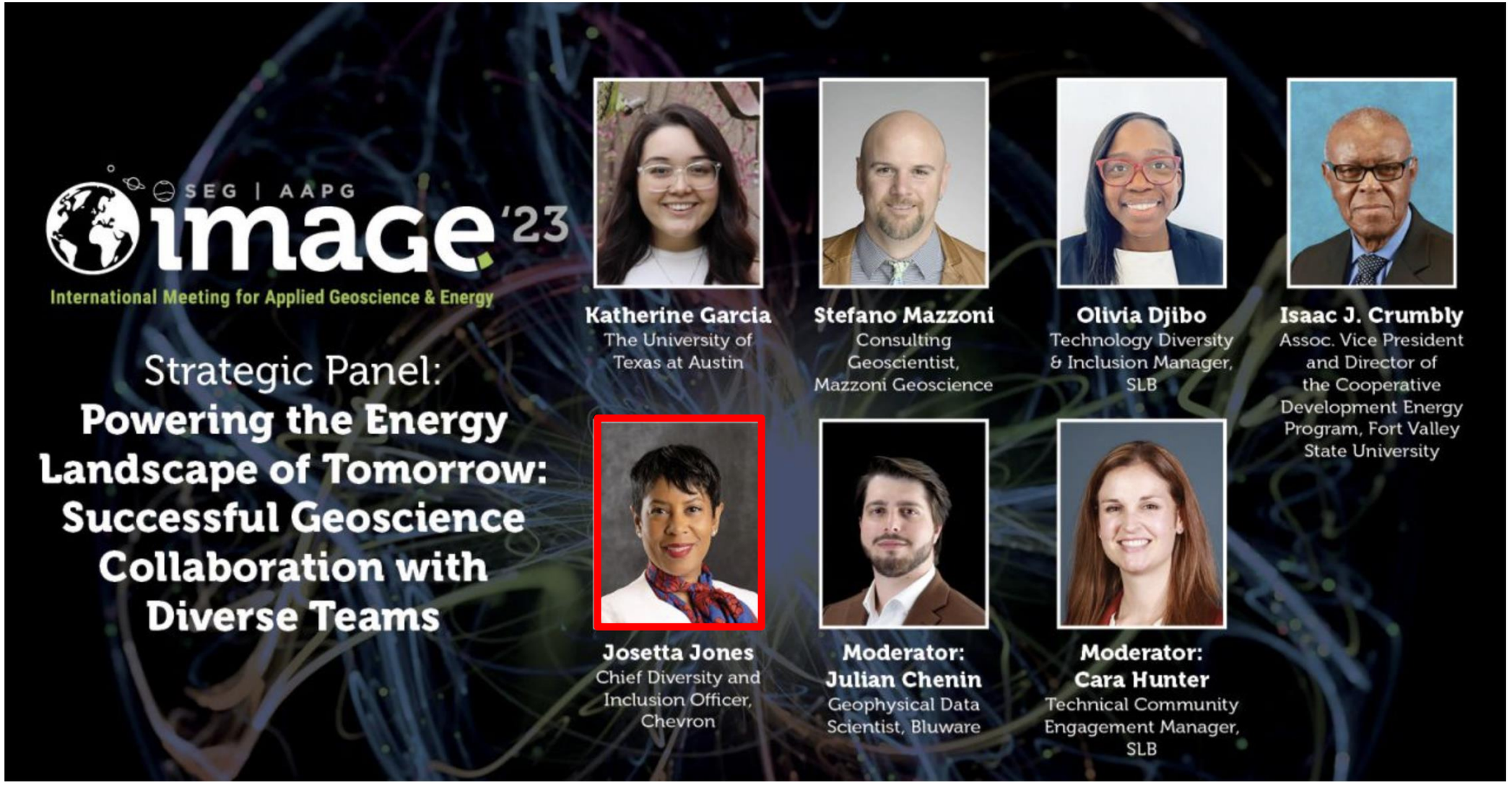
Wednesday, 30 August, 8:00 am – 9:15 am

© 2023 Chevron

Chevron's Rhonda Welch: Tuesday, 29 August, 10:20 AM – 11:35 AM

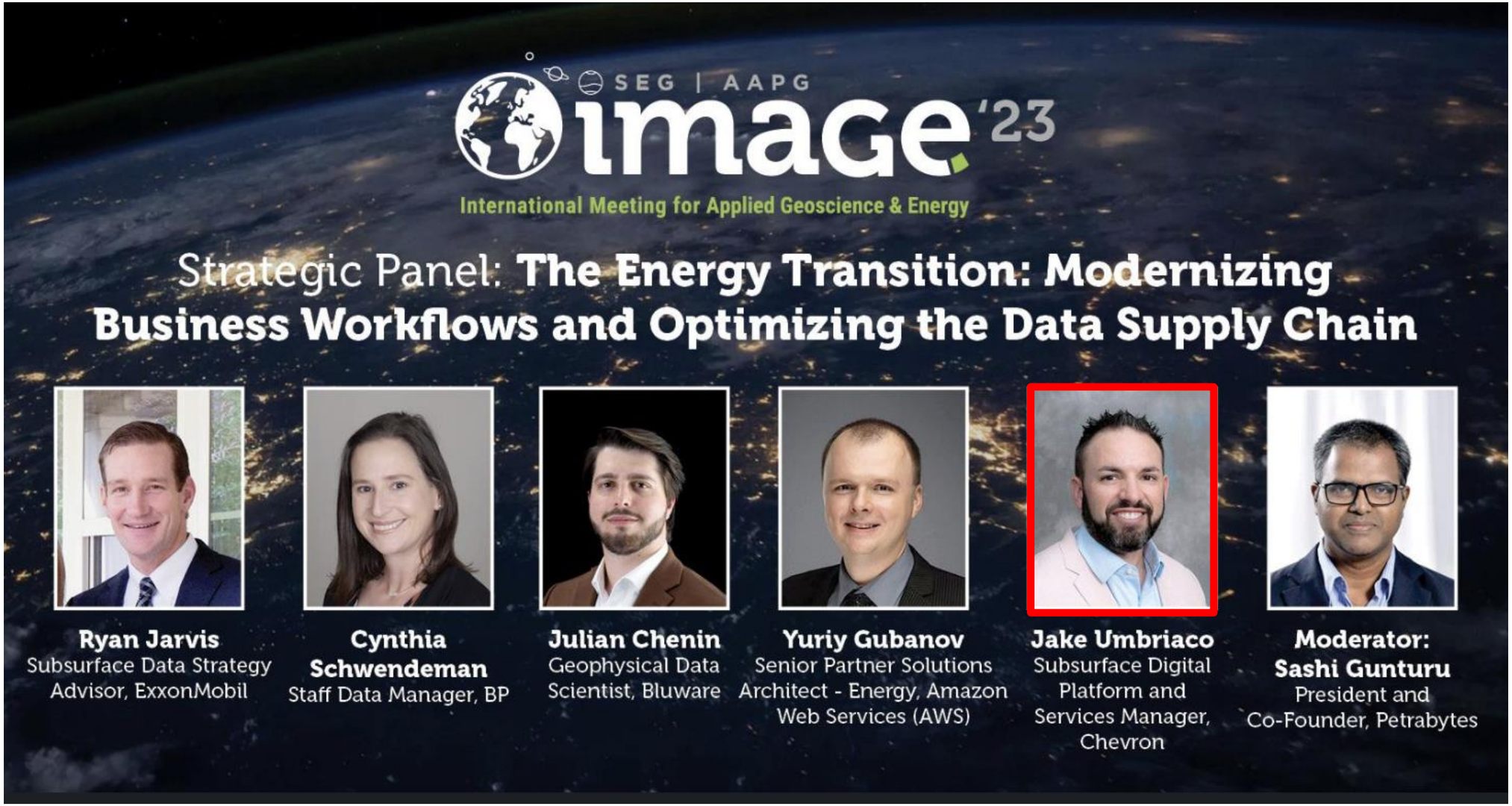
© 2023 Chevron

Chevron's Josetta Jones: Tuesday, 29 August, 1:20 PM – 2:35 PM



© 2023 Chevron

Chevron's Jake Umbriaco: Tuesday, 29 August, 3:40 PM – 4:55 PM

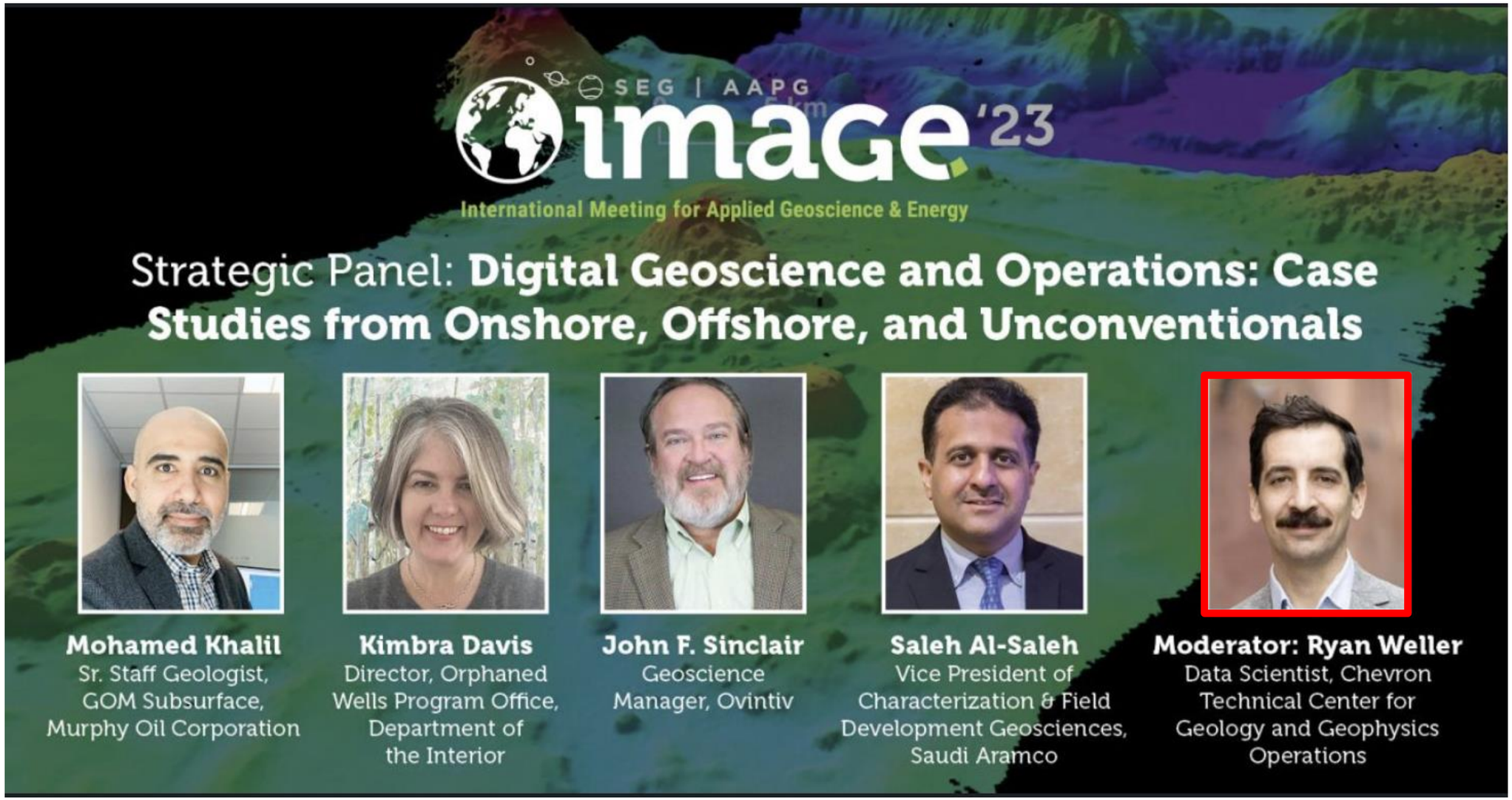


© 2023 Chevron

Chevron's Sunday Shepherd: Wednesday, 30 August, 10:20 AM – 11:35 PM

© 2023 Chevron

Chevron's Ryan Weller: Wednesday 30 August, 8:00 am – 9:15 am



© 2023 Chevron

Chevron's Oral Presentations:

Tuesday, August 29

"Old rocks, new ways: Outcrop pseudo-well logs and stratigraphy along a thinning distal to proximal transect through the Fusselman Formation and Montoya Group"

Andrew Roark

CEMS 1: Advances in Permian Basin Understanding 1
8:00 AM
Room 371A

"Uncertainty quantification of anisotropic elastic constants and mud speed using borehole sonic data"

Ting Lei, Kristoffer Walker, Adam Donald, Alexei Bolshakov, Lin Liang, Romain Prioul, Edgar Velez

BH 3: Geomechanics and Geophysics
2:35 PM
Room 362B

"An innovation for regional frac hit susceptibility prediction: Introducing the frac hit recognition and elimination yielding analysis (FREYA)"

Alena Grechishnikova, Shane Prochnow

UNCON 4: Innovative Solutions and Data Science Applications in Unconventional Resource Evaluation 1
4:30 PM
Room 361B

© 2023 Chevron

Chevron's Oral Presentations

Wednesday, August 30

"Closing the gap in subsurface characterization and modeling through computational stratigraphy data"

Tao Sun, Ali Downard, Fabien Laugier

SILIC 3: Advances in Siliciclastic Systems Modeling and Prediction
3:40 PM
Room 361A

© 2023 Chevron

Chevron's Oral Presentations: Thursday, August 31

"The application of a high resolution palynostratigraphic framework to assist correlating the Wilcox Group from source to sink"

Paul Cornick, Neil Campion, Iain Prince, Rebecca Hackworth

SILIC 4: Applied Chemostratigraphy, Biostratigraphy and Provenance Studies
8:50 AM
Room 361A

"A subsurface machine learning approach at hydrocarbon production forecast and resource estimates for unconventional reservoirs"

Shane Prochnow, Nickolas Raterman, Megan Swenberg

MLDA 10: Reservoir Modeling 2
11:10 AM
Room 351B

"Predicting sand composition (QFR) delivered into Miocene GOM basin using basin catchment features and leveraging machine-learning algorithm"

Julymar Morantes, Todd Engelder, Peter Lovely, Ryan Grimm, Carl Swenberg, Rebecca Caldwell, Ellen Reat Wersan

SILIC 6: Source to Sink: Basin Analysis and Tectono-Stratigraphic Interactions
2:10 PM
Room 361A

"On the Nature of CO2/brine mixing in assessing feasibility of CCS monitoring"

Kristoffer Walker, Hermes Malcotti, Artur Posenato Garcia, Lei Wei, Alexei Bolshakov

CO2 6: Modeling and Simulation: Machine Learning in CCS
2:35 PM
Room 361B

"Nondestructive testing for wellbore integrity with distributed acoustic sensing"

Ivan Lim Chen Ning, Mike Craven, Timothy Tokar, Paul Benet, Michael Merlino, Saptarshi Dasgupta

DAS 4: New Methods and Applications
4:00 PM
Room 372C

"Extended full-waveform inversion by relative matching"

Guojian Shan, Jingru Chen

FWI 10: Theory and Methods 2
4:25 PM
Room 370 A

© 2023 Chevron

Chevron's Poster Presentations

Tamas Nemeth
Kurt Nihei

Wednesday, 30 August
4:30 PM
Poster Station 5

"Automatic microseismic event detection for enhanced geothermal through transfer learning of convolutional neural networks" `

DAS P3: Machine Learning Applications 2

Ted Playton
Evan Earnest

Wednesday, 30 August
4:55 PM
Poster Station 4

"Facies and stratigraphic controls on fracture formation in muddy vs. grainy slope deposits, Guadalupe Mountains, West Texas"

CEMS P3: Advances in Permian Basin Understanding 2

Clair Atlas

Wednesday, 30 August
4:55 PM
Poster Station 10

"Three-dimensional geometry, stratigraphic significance, and sedimentology of growth faults in ancient deltas"

SILIC P3: Shallow Marine Sedimentary Systems 1

Yijie Zhou
Brad Christensen
Lin Christianson

Thursday, 31 August
2:10 PM
Poster Station 8

"Depth correction using velocity for structure calibration at Leviathan Field, offshore Israel"

INT P11: Case Study: Structural Modeling

© 2023 Chevron

Chevron's Support of Pavilions on Exhibit Floor

Digitalization Theater

Key Coordinators: **Ali Downard**, *Geologist*, and **Ryan Weller** *G&G Ops Data Scientist*

Chevron Panel "Unlocking talent at the front line: business-led innovation through Citizen Development" Wed., Aug 30, 11:05-11:50 am

- **Nicole Champenoy,** *Shale & Tight Asset Class Director*
- **Tavia Prouhet,** *Low Code & Automation Product Owner*
- **Andre Hicks,** *Wells Digital Product Owner*

Chevron Presentation #1: Tues., Aug.. 29, 10:25-10:45 AM

"The Next Chapter of Data Science Maturity,"

Tyler Zimmer, *Data Scientist* & **Tyler Peters,** *Senior Data Scientist*

Chevron Presentation #2: Wed., Aug. 30, 10:25-10:45 am

"Machine Learning Assisted Seismic Inversion with AutoML Integration"

Prasenjit Roy, *Quantitative Interpretation & 4D geophysicist*

Chevron Presentation #3: Thurs. Aug 31, 12:45-1:05 pm

"Introducing GeoSELECT: Geoscience Session Explorer for Learning, Engagement, and Conference Tracking. A Simple Use of Large Language Models (LLMs) to Optimize Conference Experiences"

Steve Braun, *Digital Solutions Earth Scientist* & **Chad Holmes,** *Earth Scientist and Systems Engineer*

Chevron Presentation #4: Thurs. Aug 31, 1:20-1:40 pm

"Is Agile Project Management Appropriate for Scientific Research?"

Lisa Goggin, *Principle Technical Geologist on Workflow Acceleration & Optimization*

U-Pitch Theater: Aug. 29, 2:15 pm & Aug. 30, 10:45 am

Saptarshi Dasgupta, *Subsurface & Wells CTV Geophysicist*

"Chevron Technology Ventures leverages equity investments and its pilot and deployment resources to help take technological innovation from early concept all the way through scale within the Chevron enterprise."

Carbon Management Theater

1. **Meg Miller,** *Chevron New Ventures Geologist*: "CCUS at Chevron - Building a Diverse Project Queue" – Aug. 31, 10:20 am
2. **Brad Cey**, *CCUS Solutions Earth Scientist in Ventures & Business Development*: "Leveraging our Experience for CCUS Development"- Aug. 29th 1:15 pm

© 2023 Chevron

Short Courses by Chevron

Ted Playton

Miles Frazer

(Presenter: Aug 28,10:10 AM)

Sunday & Monday, August 27 & 28

SC-04: Advances in the Understanding and Interpretation of Carbonates

Lisa Goggin

Monday, August 28

SC-10: How to Lead in Deepwater Exploration and Production

Kenn Ehman

Chad Holmes

Andrea Lisi

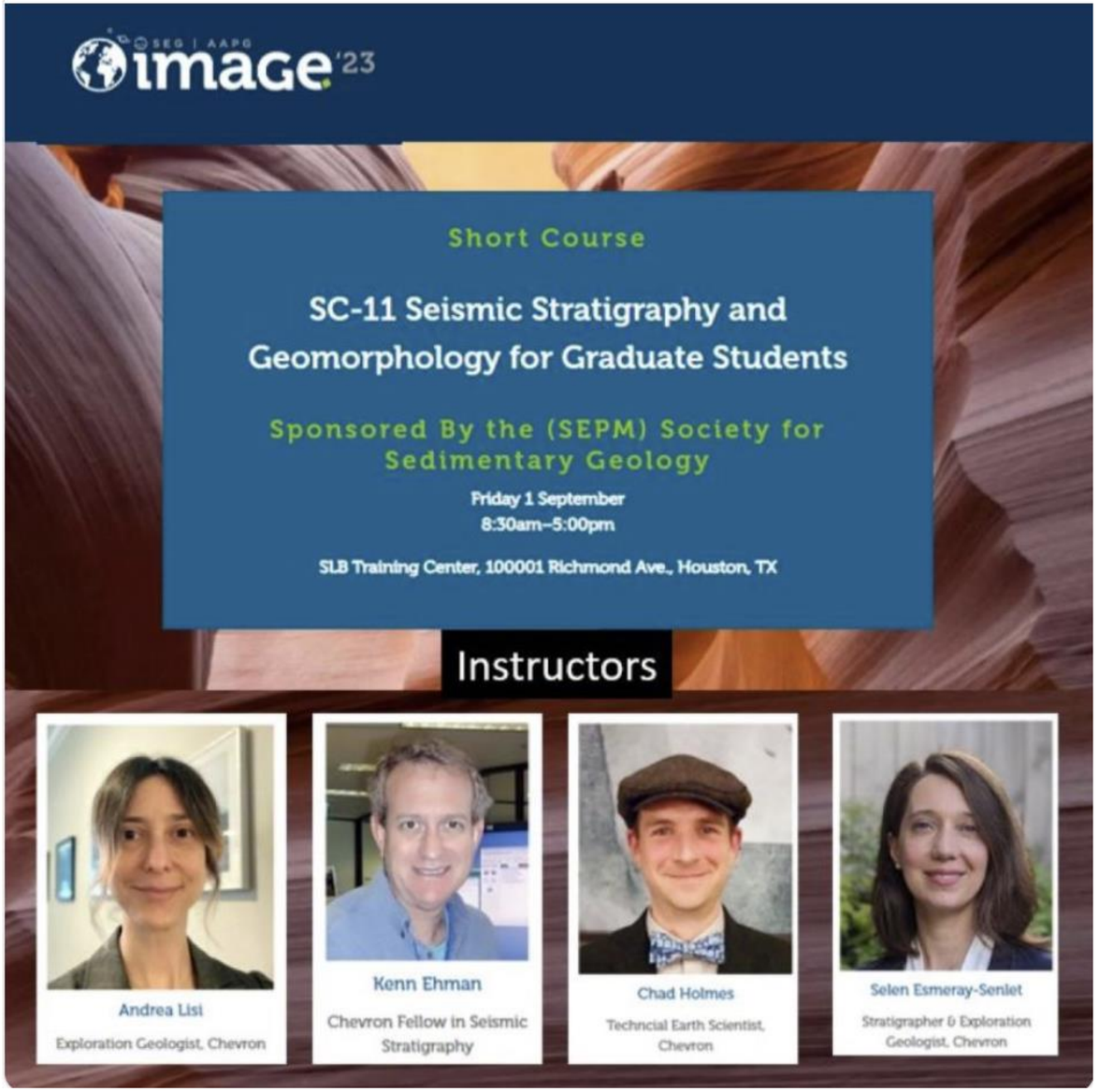
Selen Esmeray-Senlet

Friday, September 1

SC-11: Seismic Stratigraphy and Geomorphology for Graduate Students

© 2023 Chevron

Short Course



© 2023 Chevron

Workshops by Chevron

Ke Wang

Friday, September 1

8:35 AM

Machine learning accelerated stochastic seismic AVO inversion with uncertainty quantification

W-12: Recent Challenges, Advances, and Future Applications of Machine Learning in the Geosciences

Shane Prochnow

Friday, September 1

1:30 AM

Capitalizing on Value from Chevron Shale and Tight Subsurface Machine Learning Innovations

W-12: Recent Challenges, Advances, and Future Applications of Machine Learning in the Geosciences

Ivan Lim Chen Ning

Friday, September 1

3:10 AM

Generalized machine learning model for passive seismic processing

W-4: Distributed Fiber-Optic Sensing: Advances in Applications and ML-based Techniques

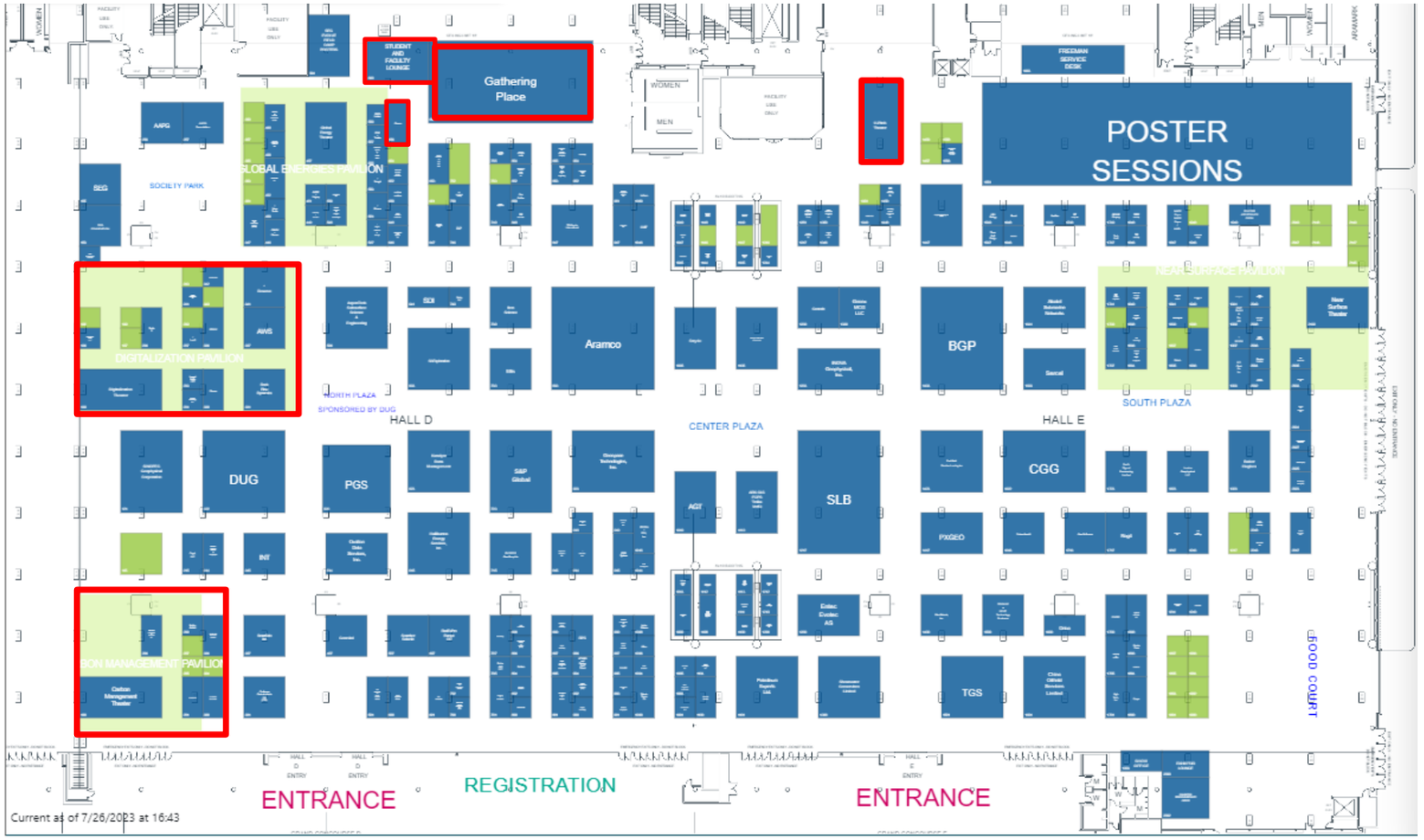
© 2023 Chevron

Chevron's Floor Presence – Booth Numbers

656 – Chevron Recruiting Booth
660 – Student & Faculty Lounge Chevron Sponsors
135 – U-Pitch Theater Chevron Supports
130 – Digitalization Pavilion Chevron Supports
100 – Carbon Management Pavilion Chevron Supports
659 – Gathering Place booths Chevron supports:
DEI, Women's Network, Veterans, Art Exhibition

Show Open Dates/times:

- Monday August 28 5:30 pm – 7:30 pm
- Tuesday August 29 9:00 am – 6:00 pm
- Wednesday August 30 9:00 am – 6:00 pm
- Thursday August 31 9:00 am – 3:00 pm



© 2023 Chevron

Chevron Support of Other Booths in Gathering Place

DEI Booth in the Gathering Place (Booth 659)

Women's Network Booth in the Gathering Place (Booth 659)

Art Exhibition in the Gathering Place (Booth 659)

Veterans Booth in the Gathering Place (Booth 659)

© 2023 Chevron