

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

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



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International Meeting for Applied Geoscience & Energy

Strategic Panel: Revitalizing the Energy Workforce Post-Pandemic and Across Generations



Julian Chenin
Geophysical Data
Scientist, Bluware



Rhonda Welch
Subsurface Talent
Manager, Chevron



Allison Barbato
PhD Candidate,
LSU Department
of Geology and
Geophysics



Cindy Yeilding
Board Member, The Center
for Houston's Future,
Denbury, bp America
(retired)



**Moderator: Sandeep
Kumar Chandola**
General Manager & Head
(Geophysics Solutions),
PETRONAS

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



International Meeting for Applied Geoscience & Energy

Strategic Panel:
**Powering the Energy
Landscape of Tomorrow:
Successful Geoscience
Collaboration with
Diverse Teams**



Katherine Garcia
The University of
Texas at Austin



Stefano Mazzoni
Consulting
Geoscientist,
Mazzoni Geoscience




Olivia Djibo
Technology Diversity
& Inclusion Manager,
SLB



Isaac J. Crumbly
Assoc. Vice President
and Director of
the Cooperative
Development Energy
Program, Fort Valley
State University



Josetta Jones
Chief Diversity and
Inclusion Officer,
Chevron



**Moderator:
Julian Chenin**
Geophysical Data
Scientist, Bluware





**Moderator:
Cara Hunter**
Technical Community
Engagement Manager,
SLB

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



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Strategic Panel: **The Energy Transition: Modernizing Business Workflows and Optimizing the Data Supply Chain**

					
Ryan Jarvis Subsurface Data Strategy Advisor, ExxonMobil	Cynthia Schwendeman Staff Data Manager, BP	Julian Chenin Geophysical Data Scientist, Bluware	Yuriy Gubanov Senior Partner Solutions Architect - Energy, Amazon Web Services (AWS)	Jake Umbriaco Subsurface Digital Platform and Services Manager, Chevron	Moderator: Sashi Gunturu President and Co-Founder, Petrabytes

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



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International Meeting for Applied Geoscience & Energy

**Strategic Panel: The Energy Addition:
Energy Industry Diversification Strategies**



Sunday Shepherd
General Manager
Strategy, Chevron



Nikki Martin
President,
EnerGeo Alliance



Ali Habtar
Director, Upstream
Development Strategy
& Reserves Department,
Saudi Aramco




Yu Zhang
Senior Technical
Advisor to the
President, BGP



**Moderator:
Klaas Koster**
Worldwide Chief Geophysicist
& Oxy Fellow, Occidental



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




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International Meeting for Applied Geoscience & Energy


Strategic Panel: Digital Geoscience and Operations: Case Studies from Onshore, Offshore, and Unconventionals




Mohamed Khalil
Sr. Staff Geologist,
GOM Subsurface,
Murphy Oil Corporation




Kimbra Davis
Director, Orphaned
Wells Program Office,
Department of
the Interior



John F. Sinclair
Geoscience
Manager, Ovintiv



Saleh Al-Saleh
Vice President of
Characterization & Field
Development Geosciences,
Saudi Aramco



Moderator: Ryan Weller
Data Scientist, Chevron
Technical Center for
Geology and Geophysics
Operations

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

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

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

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

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*

Chevron's Support of Pavilions on Exhibit Floor

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

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**

Short Course

**image**'23

Short Course


**SC-11 Seismic Stratigraphy and
Geomorphology for Graduate Students**

Sponsored By the (SEPM) Society for
Sedimentary Geology


Friday 1 September
8:30am–5:00pm

SLB Training Center, 100001 Richmond Ave., Houston, TX


Instructors




Andrea Lisi
Exploration Geologist, Chevron



Kenn Ehman
Chevron Fellow in Seismic
Stratigraphy



Chad Holmes
Technical Earth Scientist,
Chevron



Selen Esmeray-Senlet
Stratigrapher & Exploration
Geologist, 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

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



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)

