



AAPG
ENERGY
OPPORTUNITIES
2023 Conference

22-23 March 2023 • Camino Real Polanco • Mexico City

Make Connections and Explore the Future of Energy



PROGRAM BOOK

[energyopportunities.info]

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ASSOCIATION OF OIL, GAS AND RENEWABLE ENERGY COMPANIES OF LATIN AMERICA AND THE CARIBBE



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TABLE OF CONTENTS

General Information

Organizing Committee.....	4
Registration Hours and Location.....	5
Business-to-Business (B2B) Hours and Location.....	5
Lost and Found.....	5
Luggage Check.....	5
Interpretation Service.....	5
Internet Service.....	5
Social Media.....	5
Business Center.....	5
Parking.....	5
Code of Conduct.....	5
Program at a Glance.....	6
Conference Highlights.....	8
Networking Opportunities.....	8

Wednesday Program

Executive Panels.....	8
Luncheon Session.....	9
Country Snapshots.....	10
New Technologies Showcase.....	11

Thursday Program

Executive Panels.....	12
Luncheon Session.....	13
Country Snapshots.....	14
New Technologies Showcase.....	15

Exhibition

Conference Floorplan.....	16
Exhibitor Directory.....	17

ORGANIZING COMMITTEE



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AAPG
General Co-Chair



Miguel Maciel Torres
SENER
General Co-Chair



Natasha Morrison
AAPG Canada Region
Organizing Committee



Flover Rodriguez
AAPG Latin America
& Caribbean Region
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AAPG
International Pavilion
Co-Chair



Susan Nash
AAPG
New Technologies
Showcase Co-Chair



Andrea Lopez
TotalEnergies
International Pavilion
Co-Chair



Sean Kimiagar
Enverus
New Technologies
Showcase Co-Chair



Leopoldo Olavarria
CMS Rodriguez Azuero
Session Chair



Julie Mayo
Baker Botts
Session Chair



Tunbosun Afolayan
Energy Strategy &
Sustainability Consultant
Session Chair



David Curtiss
AAPG
Session Chair



Carlos Garibaldi
ARPEL
Session Chair



Javed Razack
Ramps Logistics
Session Chair



Vanessa Kertzus
Shell
Session Chair



Rodrigo Hernandez
CNH
Session Chair



Julian Chenin
Bluware
Session Chair



Alba Torres-Govea
SERCEL
Session Chair



Marel Sanchez
U3 Explore
Session Chair



Max Brouwers
Getech
Session Chair



Lorena Moscardelli
Bureau of Economic
Geology, University of
Texas at Austin
Session Chair



Cesar Patiño
International Energy
Agency
Session Chair



Catherine Hickson
Alberta No. 1
Session Chair



Emily Hersh
Luna Lithium
Session Chair



Juan Francisco Arminio
U3 Explore
Session Chair



Adebayo Okunlola
Megayield - Global Oil
& Gas Consultants
Organizing Committee



Paula Ramirez
SierraCol Energy
B2B Sessions
Co-Chair



Enrique Sedas
AAPG Mexico Young
Professionals Chapter
Volunteers

AAPG STAFF



Emily Smith Llinás
AAPG
Energy Opportunities
Director



Diana Ruiz
AAPG
Energy Opportunities
Coordinator



Alejandra Lopez
AAPG
Energy Opportunities
Coordinator

GENERAL INFORMATION

On-site Registration

Location: Virreyes Lobby

Tuesday.....	12:00-18:00
Wednesday.....	07:00-18:00
Thursday.....	07:00-18:00

Exhibition Hall Hours

Location: Virreyes A-B

Wednesday.....	07:30-18:00
Thursday.....	07:30-18:00

Business-to-Business (B2B) Hours

Location: Monterrey A-B-C

Wednesday.....	07:00-19:00
Thursday.....	07:00-19:00

Lost and Found

Location: Registration, Virreyes Lobby

Items found during the conference should be turned into Registration. If you lose an item, check with AAPG staff at Registration first, if your item has not been turned in, you may leave contact information so we can contact you should the item be found or turned in at a later time.

Luggage Check

Guests staying at the Camino Real Polanco may store their luggage free of charge. Check in with attendants in the hotel lobby.

Ambulance/Emergency Medical Service

Participants who need medical attention during the event may contact VIDA 1 Emergency Medical Services at +5525911112.

Interpretation Service

Location: Virreyes C

Interpretation service English-Spanish-English will be available exclusively for all activities taking place in the Conference Room (Virreyes C). International Pavilion Theatre, New Technologies Theatre (Exhibit Hall: Virreyes A-B), and B2B Sessions (Monterrey A-B-C) will not have this service available.

Internet Service

Wireless internet is available throughout the hotel for guests staying at the Camino Real Polanco. Conference attendees may purchase a 5 MB internet connection for \$259 Mexican pesos. Higher speeds and dedicated channels are available for an additional fee. Please visit the hotel reception to purchase access.

Social Media

Make sure to follow AAPG on Facebook, Twitter, and LinkedIn to stay connected. Join the conversation, and share your photos using the official conference hashtag **#EnergyOpps2023**.

No Smoking Policy

Smoking is prohibited at the Camino Real Polanco Hotel.

Business Center

Monday - Friday.....07:00 – 23:00
The Camino Real Polanco's Business Center is located on the first floor of the hotel, one level above the ground floor. When arriving at hotel's main entrance off Mariano Escobedo Street, take the main stairs located just past the lobby. The Business Center is located on the right hand side next to the Tamayo coffee shop.

Parking

The Camino Real Polanco offers a discounted parking rate of \$160 Mexican pesos per day conference attendees. To receive the discounted rate, validate your parking ticket at the kiosk located outside the Virreyes room. Hotel guests also receive discounted parking and can pay at checkout.

Code of Conduct

The Energy Opportunities Conference is conducted for the benefit of its members and interested parties to advance the science of geology, geophysics, and engineering, to promote technology, and facilitate networking and collaboration between professionals. AAPG values the participation of its members and guests and wants all Energy Opportunities attendees to have an enjoyable and fulfilling experience.

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

If a participant engages in behavior that violates this code of conduct, AAPG reserves the right to take any action deemed appropriate, including warning the offender(s) or expelling the offender(s) from the conference with no refund. AAPG's complete Energy Opportunities anti-harassment policy can be found at [EnergyOpportunities.info/2023/Code-of-Conduct](https://www.aapg.org/energyopportunities/info/2023/Code-of-Conduct).

If you have questions or concerns, please notify a badged AAPG staff member or call +1 800 898 2274.

PROGRAM AT A GLANCE

Tuesday, 21 March

08:00-18:30	Regulatory Agency and Ministry Meeting hosted by CNH (invitation only) <i>National Core Center, Pachuca, Hidalgo</i>
12:00-18:00	Event Registration <i>Virreyes Lobby</i>

PROGRAM AT A GLANCE

Wednesday, 22 March

07:00-18:00	Event Registration <i>Virreyes Lobby</i>	07:30-18:00	Exhibit Hall Open <i>Exhibit Hall: Virreyes A-B</i>
07:00-19:00	Business to Business Sessions <i>Board Rooms: Monterrey A-B-C</i>		
08:00-08:30	Opening Ceremony <i>Conference Room: Virreyes C</i>		

EXECUTIVE PANELS		COUNTRY SNAPSHOTS		NEW TECHNOLOGIES SHOWCASE	
<i>Conference Room: Virreyes C</i>		<i>Exhibit Hall – International Pavilion Theatre: Virreyes B</i>		<i>Exhibit Hall – New Technologies Theatre: Virreyes A</i>	
08:30-10:00	The Impact of Energy Super Basins on the Global Economy			08:30-09:15	Seismic Innovation in the Cloud: Interactive Deep Learning and other New Directions
10:00-11:30	ESG and Corporate Social Responsibility: Public Policy Trends and Impacts			09:15-10:00	A Comprehensive Carbon Emissions Accounting, Reporting and Forecasting Platform: Implementation and Case Studies
11:30-12:00	Coffee Break/Exhibit Visits <i>Exhibit Hall: Virreyes A-B</i>	11:00-11:30	Ministry of Energy and Energy Industries, Trinidad and Tobago	10:00-10:45	Creative Destruction - Becoming Part of the Problem or the Solution
12:00-13:30	What's in a Name? Transforming from Oil and Gas to Energy Companies	11:30-12:00	Staatsolie Hydrocarbon Institute, Suriname	10:45-11:30	The Benefits of Natural Language Processing (NLP) Models & Technologies for the Energy Industry
		12:00-12:30	ANH, Colombia	11:30-12:00	Coffee Break/Exhibit Visits <i>Exhibit Hall: Virreyes A-B</i>
		12:30-13:00	YPFB Corporación, Bolivia	12:00-12:45	New Tools that Enable Large Open-Source Projects to Become a Reality
13:30-14:30	Luncheon Presentation <i>Conference Room: Virreyes C</i>			12:45-13:30	Subsurface to Surface Modeling for Geothermal, Carbon Capture and Hydrogen
14:30-16:00	Developing Infrastructure in Harmony with Communities and Nature	15:00-15:30	ONHYM, Morocco	14:30-15:15	The Easy Button for OSDU
		15:30-16:00	Geopartners, Africa	15:15-16:00	Mining Brines: A Hybrid Exploration and Production Model for the Minerals Extraction Industries
16:00-16:30	Coffee Break/Exhibit Visits <i>Exhibit Hall: Virreyes A-B</i>	16:00-16:30	Bureau of Ocean Energy Management, US Gulf of Mexico	16:00-16:30	Coffee Break/Exhibit Visits <i>Exhibit Hall: Virreyes A-B</i>
16:30-18:00	The Value of Offshore Resources in Energy Self-Sufficiency				
18:00-19:00	Networking Reception <i>Virreyes Rooftop Terrace</i>				

PROGRAM AT A GLANCE

Thursday, 23 March

07:00-18:00	Event Registration <i>Virreyes Lobby</i>	07:30-18:00	Exhibit Hall Open <i>Exhibit Hall: Virreyes A-B</i>
07:00-19:00	Business to Business Sessions <i>Board Rooms: Monterrey A-B-C</i>		
08:00-08:30	Opening Session <i>Conference Room: Virreyes C</i>		
EXECUTIVE PANELS		COUNTRY SNAPSHOTS	
<i>Conference Room: Virreyes C</i>		<i>Exhibit Hall – International Pavilion Theatre: Virreyes B</i>	
08:30-10:00	Disruptive Technologies and their Impact on the Energy Sector		08:30-09:15
			09:15-10:00
10:00-11:30	Best Practices and Applications for Carbon Capture Use and Storage (CCUS)		10:00-10:45
		11:00-11:30	10:45-11:30
11:30-12:00	Coffee Break/Exhibit Visits <i>Exhibit Hall: Virreyes A-B</i>	11:30-12:00	11:30-12:00
12:00-13:30		12:30-13:00	12:00-12:45
	Exploring the Hydrogen Rainbow: from Source to Market	13:00-13:30	12:45-13:30
13:30-14:30			
14:30-16:00	The Role of Geothermal in the Search for Clean Energy		14:30-15:15
			15:15-16:00
16:00-16:30	Coffee Break/Exhibit Visits <i>Exhibit Hall: Virreyes A-B</i>		
16:30-18:00			
18:00-19:00	Visiting Geoscientist Symposium <i>Conference Room: Virreyes C</i>		

CONFERENCE HIGHLIGHTS

Regulatory Agency and Ministry Meeting Hosted by CNH

Date: Tuesday
Time: 08:00-18:30
Location: National Core Center, Pachuca, Hidalgo
Registration: Invitation Only

Opening Ceremony

Date: Wednesday
Time: 08:00-08:30
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Energy Opportunities opening ceremony will be moderated by General Chair **Elvira Pureza Gomez**, AAPG Vice President of International Regions, and will include remarks from the following speakers:



Agustin Diaz Lastra
 President, Mexico
 Hydrocarbon
 Association (CNH)



Leonardo Aguilera
 President, AMGP
 Director of Exploration,
 Pemex Exploración y
 Producción

Business-to-Business (B2B) Sessions

Date: Wednesday-Thursday
Time: 07:00-19:00
Location: Board Rooms: Monterrey A-B-C
Registration: Included with Full Conference Registration

Meet with current and future partners and explore business opportunities in private conference rooms located on the ground floor of the hotel. Appointments are scheduled on a first come, first served basis. Visit the B2B registration table outside the Monterrey Rooms to schedule your meetings.

Networking Reception

Date: Wednesday
Time: 18:00-19:00
Location: Virreyes Terrace
Registration: Included for all registration types

Enjoy beverages, light appetizers while enjoying spectacular views of Mexico City and the Chapultepec Park. Attending the networking reception provides an opportunity to chat with colleagues and make new acquaintances in an informal environment.

Coffee Breaks

Date: Wednesday-Thursday
Time: 11:30-12:00, 16:00-16:30
Location: Exhibit Hall: Virreyes A-B
Registration: Included for all registration types



Go to the exhibit hall to grab a cup of coffee or tea, browse the latest trends and technologies and enjoy presentations in the New Technologies and International Pavillion Theaters. Coffee breaks are sponsored by ANH.



WEDNESDAY EXECUTIVE PANELS

The Impact of Energy Super Basins on the Global Economy

Date: Wednesday
Time: 08:30-10:00
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Session Chairs: **Leopoldo Olavarría**, Partner, CMS Rodríguez Azuero

Speakers:



Julie Wilson
 Director, Energy Research,
 Wood Mackenzie



Rob Cordray
 Senior Vice President,
 Consulting, Rystad
 Energy



Erica Tavares de Morais
 Leader, Energy Ecosystem
 Program, Petrobras

ESG and Corporate Social Responsibility: Public Policy Trends and Impacts

Date: Wednesday
Time: 10:00-11:30
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Session Chairs: **Tunbosun Afolayan**, ESG and Sustainability Consultant;
David Curtiss, Executive Director, AAPG

Speakers:



Pedro Miras
 President, World
 Petroleum Council



Eduardo Melo
 Sub-Director of Performance
 Evaluation and Continuous
 Improvement, Petróleos
 Mexicanos



Maria Ximena Alvarez
 Corporate Strategy
 Lead, Ecopetrol



Erica Tavares de Morais
 Leader, Energy Ecosystem
 Program, Petrobras

WEDNESDAY EXECUTIVE PANELS

What's in a Name? Transforming from Oil and Gas to Energy Companies

Date: Wednesday
Time: 12:00-13:30
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Session Chair: **Carlos Garibaldi**, Executive Secretary, ARPEL

Speakers:



Vernon Paltoo
 President, National Energy of Trinidad and Tobago



Frederico Miranda
 Exploration Director, Eneva



Sean Kimiagar
 Principal Consultant, Financial Services, Enverus



Cecilia Romeu
 Energy Transition Professional, ANCAP

The Value of Offshore Resources in Energy Self-Sufficiency

Date: Wednesday
Time: 10:30-11:30
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Session Chairs: **Vanessa Kertzus**, Mexico Exploration Manager, Shell; **Rodrigo Hernandez**, Head of the Technical Unit for Exploration and its Supervision, CNH

Speakers:



Patrick Brunings
 Exploration & Non-Operated Ventures Asset Manager, Staatsolie



Ulises Rodriguez
 Senior Geologist, Pemex Exploration and Production



Fernanda Raggio
 Executive Manager for Exploration, YPF



Maria Lupi
 Head of Business Planning and PAM, Petronas Mexico

Developing Infrastructure in Harmony with Communities and Nature

Date: Wednesday
Time: 14:30-16:00
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Session Chair: **Javed Razack**, Vice President – Shared Services, Ramps Logistics

Speakers:



Orlando Camarillo
 Social Responsibility Manager, Petróleos Mexicanos



Vernon Paltoo
 President, National Energy of Trinidad and Tobago



Flover Rodriguez-Portillo
 Executive Director, Colombian Association of Energy Geologists and Geophysicists

WEDNESDAY LUNCHEON SESSION

Is There a New Approach to Energy Transition?

Date: Wednesday
Time: 13:30-14:30
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Speaker:



Pedro Miras
 President, World Petroleum Council



WEDNESDAY COUNTRY SNAPSHOTS

An important component of Energy Opportunities are Country Snapshots held in the International Pavilion Theatre, a worldwide showcase where NOCs, ministries, and government agencies gather to promote a broad spectrum of investment opportunities.

Attending Country Snapshots sessions and visiting the International Pavilion gives you the chance to review opportunities and to meet directly who work in the countries of interest.

Expect to come away with heightened insight into current and future global trends. The International Pavilion Theatre is sponsored by ANH.



Trinidad and Tobago Ministry of Energy and Energy Industries



Date: Wednesday
Time: 11:00-11:30
Location: International Pavilion Theatre: Exhibit Hall
Registration: Included for all registration types

Trinidad & Tobago 2023 Competitive Bidding Rounds

Speaker:



Kimberlee London
Senior Geologist, Resource Management Division, Ministry of Energy and Energy Industries

Suriname Staatsolie Hydrocarbon Institute



Date: Wednesday
Time: 11:30-12:00
Location: International Pavilion Theatre: Exhibit Hall
Registration: Included for all registration types

Overview of Current & Upcoming Opportunities Offshore Suriname

Speakers:



Patrick Brunings
Exploration & Non-Operated Ventures
Asset Manager, Staatsolie



Eshita Narain
Team Lead, Basin Studies & Open Acreage Evaluation, Staatsolie

Colombia National Hydrocarbon Agency (ANH)



Date: Wednesday
Time: 12:00-12:30
Location: International Pavilion Theatre: Exhibit Hall
Registration: Included for all registration types

Reducing Emissions in Oil and Gas Production

Speaker:



Jorge Alirio Ortiz Tovar
Vice President of Operations, Royalties and Participations, ANH

Bolivia YPFB Corporation



Date: Wednesday
Time: 12:30-13:00
Location: International Pavilion Theatre: Exhibit Hall
Registration: Included for all registration types

Bolivia's Potential for Hydrocarbons

Speaker:



Enzo Michel
Vice President Contract Administration and Inspection, YPFB Corporación

Morocco ONHYM



Date: Wednesday
Time: 15:00-15:30
Location: International Pavilion Theatre: Exhibit Hall
Registration: Included for all registration types

Opportunities in Moroccan Upstream Oil & Gas

Speaker:



Salim Lahsini
Planning Management & Petroleum Licensing Department Manager, ONHYM

Africa GeoPartners



Date: Wednesday
Time: 15:30-16:00
Location: International Pavilion Theatre: Exhibit Hall
Registration: Included for all registration types

Geopartners in Africa – Opportunities Across the Continent

Speakers:



Jim Gulland
Director, GeoPartners

US Gulf of Mexico Bureau of Ocean Energy Management



Date: Wednesday
Time: 16:00-16:30
Location: International Pavilion Theatre: Exhibit Hall
Registration: Included for all registration types

Energy, Transitions, & Sustainability: Making It All Work Together

Speaker:



Tim McCune
Deputy Office Director, Bureau of Ocean Energy Management



James Kendall
Director Gulf of Mexico Region, Bureau of Ocean Energy Management

WEDNESDAY NEW TECHNOLOGIES SHOWCASE

The New Technologies Showcase features presentations and panel discussions highlighting cutting-edge, innovative, transformative technologies and services. Join us to be inspired by executives, entrepreneurs and other professionals at the vanguard of the energy industry's technology sector.

Seismic Innovation in the Cloud: Interactive Deep Learning and other New Directions

Date: Wednesday
Time: 08:30-09:15
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Julian Chenin
 Geophysical Data
 Scientist, Bluware

Discussion:

- **Andrey Klimushin**, Rock Flow Dynamics
- **Shengyu Wu**, C&C Reservoirs

A Comprehensive Carbon Emissions Accounting, Reporting and Forecasting Platform: Implementation and Case Studies

Date: Wednesday
Time: 09:15-10:00
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Pallav Sarma
 CoFounder and Chief
 Technology Officer,
 Tachyus

Discussion:

- **Gillian Rosen**, DOE
- **Marcio Spinola**, Halliburton

Creative Destruction – Becoming Part of the Problem or the Solution

Date: Wednesday
Time: 10:00-10:45
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



David Reid
 Chief Technology Officer
 and Chief Marketing
 Officer, NOV

Discussion:

- **Nikki Martin**, EnerGeo Alliance
- **Wlad Frazao**, Amazon Web Services

The Benefits of Natural Language Processing (NLP) Models & Technologies for the Energy Industry

Date: Wednesday
Time: 10:45-11:30
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Rachael Moreland
 Director of New
 Products, Liberty Energy

Discussion:

- **Nelia Mazula**, Siemens
- **Pallav Sarma**, Tachyus

New Tools that Enable Large Open Source Projects to Become a Reality

Date: Wednesday
Time: 12:00-12:45
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Sashi Gunturu
 President and Founder,
 Petrabytes

Discussion:

- **Sustin Irvin**, Amazon Web Services
- **Julian Chenin**, Bluware

Subsurface to Surface Modeling for Geothermal, Carbon Capture and Hydrogen

Date: Wednesday
Time: 12:45-13:30
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Andrey Klimushin
 Senior Business
 Development, Rock Flow
 Dynamics

Discussion:

- **Gillian Rosen**, DOE
- **Nelia Mazula**, Siemens



WEDNESDAY NEW TECHNOLOGIES SHOWCASE

The Easy Button for OSDU

Date: Wednesday
Time: 14:30-15:15
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Sustin Irvin
Global Data Platforms
Business Development,
Amazon Web Services

Discussion:

- **Sashi Gunturu**, Petrabytes
- **David Reid**, NOV

Mining Brines: A Hybrid Exploration and Production Model for the Minerals Extraction Industries

Date: Wednesday
Time: 15:15-16:00
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Thomas Smith
CEO and Founder,
Geobrine International

Discussion:

- **Felipe Gonzalez Rosas**, Tycho Solutions
- **Sean Kimiagar**, Enverus

THURSDAY EXECUTIVE PANELS

Disruptive Technologies and their Impact on the Energy Sector

Date: Thursday, 23 March
Time: 08:30-10:00
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Session Chairs: **Julian Chenin**, Geophysical Data Scientist, Bluware;
Alba Torres-Govea, Deputy Director of Sales, SERCEL

Speakers:



Ricardo Rosa
G&G Data Processing
and Technology
Manager



Sustin Irvin
Global Data Platforms
Business Development,
Amazon Web Services



Camille Lapierre
Chief Technology
Officer, Stryde



Felipe Gonzalez Rosas
Cofounder and CEO,
Tycho Solutions



Oleg Valishin
New Ventures Director,
SERCEL

Best Practices and Applications for Carbon Capture Use and Storage (CCUS)

Date: Thursday, 23 March
Time: 10:00-11:30
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Session Chairs: **Marel Sanchez**, Managing Director, Geoscience, Decarbonization Projects, U3 Explore; **Max Brouwers**, Chief Business Development Officer, Getech

Speakers:



Tim Matthews
CEO, Cozairo



Tomas Mata
President, STOIC
Operating Company



Emmi Sanchez Vargas
MCA Exploration Data
Manager, SLB



Kyle Manley
Americas Business
Development Manager,
Carbon and Hydrogen
Storage, CGG



THURSDAY EXECUTIVE PANELS

Exploring the Hydrogen Rainbow: from Source to Market

Date: Thursday, 23 March
Time: 12:00-13:30
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Session Chairs: **Lorena Moscardelli**, Research Scientist and Principal Investigator, Bureau of Economic Geology, University of Texas at Austin

Speakers:



Mark Shuster
 Deputy Director, Bureau of Economic Geology, University of Texas at Austin



Jorge Hinojosa
 Business Development Lead, Hincio

The Role of Geothermal in the Search for Clean Energy

Date: Thursday, 23 March
Time: 14:30-16:00
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Session Chair: **Catherine Hickson**, CEO, Alberta No. 1

Speakers:



Lisa Mueller
 President and CEO, FutEra Power



Salvador Espindola, Technical Director, GeoKeri



Karl Farrow
 CEO, CeraPhi Energy

Critical Minerals Powering the Energy Transition

Date: Thursday, 23 March
Time: 16:30-18:00
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Session Chairs: **Emily Hersh**, CEO, Luna Lithium; **Juan Francisco Arminio**, Senior Advisor, U3 Explore

Speakers:



Max Brouwers
 Chief Business Development Officer, Getech



Mike Kobler
 CEO, Global Subsurface



Catherine Hickson
 COO (retired), Dajin Lithium Corporation

THURSDAY OPENING SESSION

Ecopetrol Group: a Journey of Strategic Transformation

Date: Thursday, 23 March
Time: 08:00-08:30
Location: Conference Room: Virreyes C
Registration: Included with Full Conference Registration

Speaker:



Pablo Bárcena
 Head of Technology and Innovation Strategy, Ecopetrol Group



THURSDAY COUNTRY SNAPSHOTS

An important component of Energy Opportunities are Country Snapshots held in the International Pavilion Theatre, a worldwide showcase where NOCs, ministries, and government agencies gather to promote a broad spectrum of investment opportunities.

Attending Country Snapshots sessions and visiting the International Pavilion gives you the chance to review opportunities and to meet directly with country representatives who know the geology in detail.

Expect to come away with heightened insight into current and future global trends. International Pavilion Theatre is sponsored by ANH.



Belize
Ministry of Natural Resources, Petroleum & Mining



Date: Thursday
Time: 11:00-11:30
Location: International Pavilion Theatre: Exhibit Hall
Registration: Included for all registration types

Oil & Gas Potential & Exploration Opportunities in Belize
Speaker:



Andre Cho
Director Geology & Petroleum Department, Ministry of Natural Resources, Petroleum & Mining

Peru
Perupetro



Date: Thursday
Time: 11:30-12:00
Location: International Pavilion Theatre: Exhibit Hall
Registration: Included for all registration types

Exploration Opportunities in Peru
Speakers:



Ysabel Calderón
Promotion & Contracts Manager, Perupetro

Uruguay
ANCAP



Date: Thursday
Time: 12:30-13:00
Location: International Pavilion Theatre: Exhibit Hall
Registration: Included for all registration types

Energy Opportunities Offshore Uruguay
Speaker:



Cecilia Romeu
Energy Transition Professional, ANCAP

El Salvador
Hydroelectric Commission of Rio Lempa

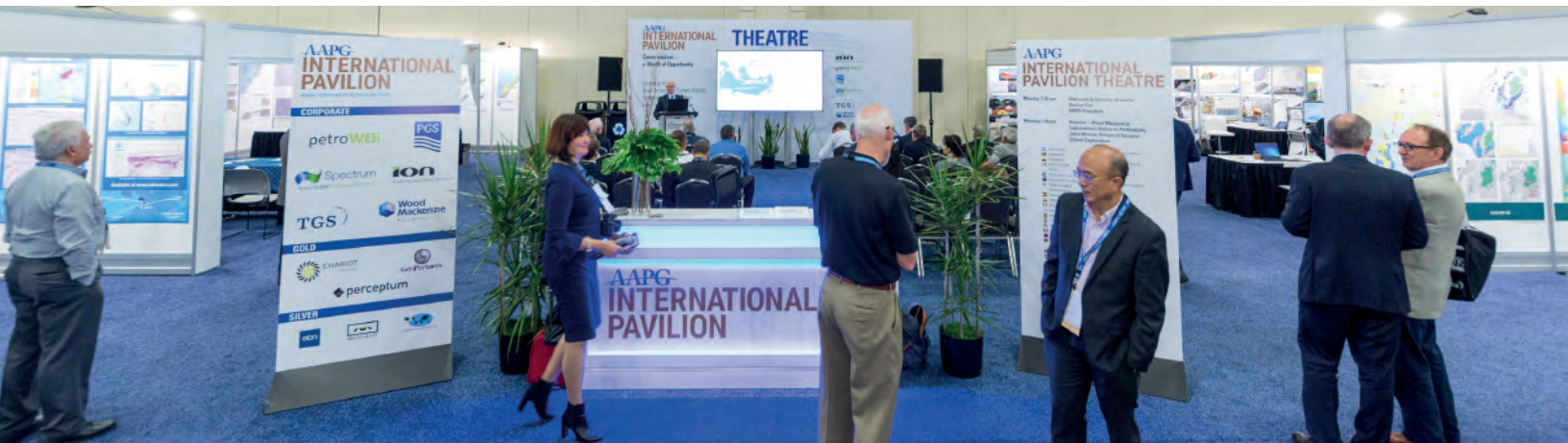


Date: Thursday
Time: 15:00-15:30
Location: International Pavilion Theatre: Exhibit Hall
Registration: Included for all registration types

El Salvador Frontier Fore-Arc Basin Opportunities & Fiscal/Legal Framework
Speaker:



Mirna Bonilla
Hydrocarbon Market Analyst, Hydroelectric Commission of Rio Lempa



THURSDAY NEW TECHNOLOGIES SHOWCASE

The New Technologies Showcase features presentations and panel discussions highlighting cutting-edge, innovative, transformative technologies and services. Join us to be inspired by executives, entrepreneurs and other professionals at the vanguard of the energy industry's technology sector.

Energy Starts Here; How Geoscience is Leading the Energy Evolution

Date: Thursday
Time: 08:30-09:15
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Nikki Martin
 President, EnerGeo Alliance

Discussion:

- **Nelia Mazula**, Siemens
- **Gillian Rosen**, US Department of Energy

Decision-Making in the Rapidly Changing Energy Ecosystem

Date: Thursday
Time: 09:15-10:00
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Sean Kimiagar
 Principal Consultant, Financial Services, Enverus

Discussion:

- **David Reid**, NOV
- **Julian Chenin**, Bluware

Innovation with Cloud Computing

Date: Thursday
Time: 10:00-10:45
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Wlad Frazao
 Principal Solutions Architect for Energy, Amazon Web Services

Discussion:

- **Sashi Gunturu**, Petrabites
- **Felipe Gonzalez Rosas**, Tycho Solutions

DAKS™ - Digital Analogues Knowledge System, Applications and Workflow

Date: Thursday
Time: 10:45-11:30
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Shengyu Wu
 Senior Geoscience Advisor, C&C Reservoirs

Discussion:

- **Nikki Martin**, EnerGeo Alliance
- **Nelia Mazula**, Siemens

Stakeholder Engagement: Essential Collaborations for Advancing & Deploying Decarbonization Technologies

Date: Thursday
Time: 12:00-12:45
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Gillian Rosen
 Carbon Transport and Storage, U.S. Department of Energy

Discussion:

- **David Reid**, NOV
- **Marcio Spinola**, Halliburton

Energy Transition for Oil Producing Countries in the Developing World

Date: Thursday
Time: 12:45-13:30
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Nelia Mazula
 Global Digital Transformation, Siemens

Discussion:

- **Nikki Martin**, EnerGeo Alliance
- **Sean Kimiagar**, Enverus

Disruptive Technologies

Date: Thursday
Time: 14:30-15:15
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Marcio Spinola
 Geosciences Area Leader, Halliburton

Discussion:

- **Tom Smith**, GeoBrines International
- **Andrey Klimushin**, Rock Flow Dynamics

Methane Leak Detection and Emissions Monitoring and Measurement

Date: Thursday
Time: 15:15-16:00
Location: New Technologies Theatre: Exhibit Hall
Registration: Included for all registration types

Keynote:



Susan Nash
 Director of Innovation, Science and Technology, AAPG

Discussion:

- **Marcio Spinola**, Halliburton
- **Rachael Moreland**, Liberty Energy

EXHIBITION INFORMATION

Highlights

Don't miss out on your opportunity to engage with leading international companies. Develop new business relationships with some of the world's most influential service providers and innovators or connect with existing clients and find out what new technologies, emerging industry trends and investment opportunities are coming to the market.

Exhibition Hours and Events

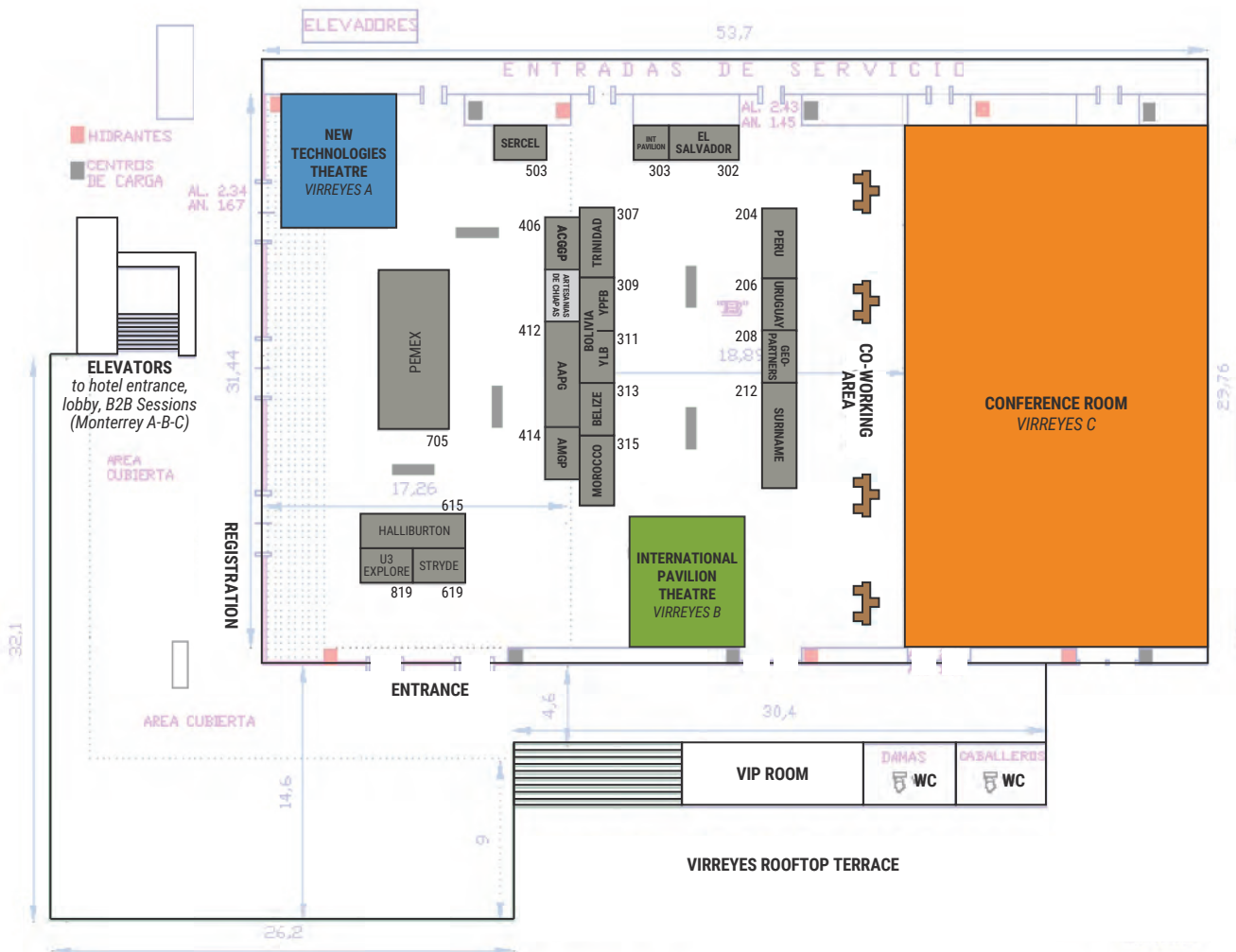
Wednesday-Thursday: 07:30-18:00

- Coffee Break at 11:30
- Coffee Break at 16:00
- International Pavilion Theatre: Country Snapshots
- New Technologies Pavilion Theatre: New Technologies Showcase
- Co-Working Area

Exhibitor Listing (as of 15 March)

• AAPG.....	412
• ACGGP.....	406
• AMGP.....	414
• Belize, Ministry of Natural Resources, Petroleum & Mining.....	313
• Bolivia, Yacimientos de Lito Bolivianos.....	311
• Bolivia, YPFB Corporation.....	309
• El Salvador, Hydroelectric Commission of Rio Lempa, El Salvador.....	302
• GeoPartners.....	208
• Halliburton.....	615
• International Pavilion.....	303
• Morocco, ONHYM.....	315
• PEMEX.....	705
• Peru, Perupetro.....	204
• SERCEL.....	503
• Stryde.....	619
• Suriname, Staatsolie Hydrocarbon Institute.....	212
• Trinidad and Tobago, Ministry of Energy and Energy Industries.....	307
• U3 Explore.....	819
• Uruguay, ANCAP.....	206

CONFERENCE FLOOR PLAN



EXHIBITOR DIRECTORY

AAPG.....412

PO Box 979, Tulsa, Oklahoma 74101, United States
+1 800 364 2274 (North America)
+57 310 305 7937 (Latin America & Caribbean)
info@aapg.org | latinamerica@aapg.org
latinamerica.aapg.org

**AAPG International Pavilion.....303**

1444 S. Boulder Avenue
Tulsa, Oklahoma 74119, United States
www.internationalpavilion.com

**Colombian Association of Energy Geologists and Geophysicists (ACGGP).....406**

Calle 125 No. 20-70 Of. 505, Bogotá, Colombia
+57 601 300 3879
acggp@acggp.org
www.acggp.org/

**Morocco, ONHYM.....315**

5, Avenue Moulay Hassan-P.B. 99
Rabat, Morocco
www.onhym.com/en

**PEMEX.....705**

Avenida Marina Nacional 329, Colonia Verónica Anzures,
C.P. 11311 Miguel Hidalgo
Mexico City, Mexico
+52 55 1944 2500.
www.pemex.com

**AMGP.....414**

Poniente 134 No. 411 Colonia San Bartolo Atepehuacan
Alcaldía Gustavo A. Madero
Mexico City, Mexico
+52 0155 55 6788 40
presidencia@amgp.org | soporte@amgp.com.mx
www.amgp.com.mx

**Perupetro.....204**

Luis Aldana 320, San Borja
Lima, Peru
+511 206 1800
www.perupetro.com.pe/

**Belize, Ministry of Energy and Energy Industries.....313**

Ground Floor, Right Wing, Sir Edney Cain Building
City of Belmopan, Belize
+501 880 2526
econdev@med.gov.bz
https://med.gov.bz/gpd/

**SERCEL.....503**

17200 Park Row
Houston, Texas, 77084, United States
+1 281 492 6688
www.sercel.com

**Bolivia, Yacimientos de Lito Bolivianos.....311**

Avenida Mariscal Santa Cruz, Edificio HANSA, Piso 19
La Paz - Bolivia
+591 2 2155891
ylb@ylb.gob.bo
www.ylb.gob.bo

**Stryde.....619**

-2 Paris Garden
London, SE1 8ND, UK
marketing@strydefurther.com
www.strydefurther.com

**Bolivia, YPFB Corporation and YLB Corporation.....309**

Av. 16 de Julio esq. Calle Reyes Ortiz y
C. Bravo, Bolivia
+5912 217 6300
www.ypfb.gob.bo

**Suriname, Staatsolie Hydrocarbon Institute.....212**

Dr. Ir. H.S. Adhinstraat 21
Paramaribo, Suriname
+597499649 ext. 61452
SHI@staatsolie.com
www.staatsolie.com/en/staatsolie-hydrocarbon-institute/

**El Salvador, Hydroelectric Commission of Rio Lempa.....302**

9a. Calle Poniente No. 950, entre 15a. y 17a.
Avenida Norte, Centro de Gobierno
San Salvador, El Salvador
+503 2211 6000
info@cel.gob.sv
www.cel.gob.sv/

**Trinidad and Tobago, Ministry of Energy and Energy Industries.....307**

#1 Wrightson Road
Levels 15, 22-26 Tower C
Port of Spain, Trinidad & Tobago
https://energy.gov.tt

**GeoPartners.....208**

29 Farm Street, Mayfair
London, W1J 5RL, UK
+44 0 20 3178 5334
jim.gulland@geopartnersltd.com
www.geopartnersltd.com/contacts

**U3 Explore.....819**

+1 281 851 5906
www.u3explore.com/author/katya-casey
www.u3explore.com/author/marel-sanchez
www.u3explore.com/author/juan-francisco-arminio
www.u3explore.com/author/stephen-cossey

**Halliburton de México S de RL de CV.....615**

Av. Circuito Tabasco Oriente S/N Pechucalco
2da. Sección Cuauacán
CP.86693 Tabasco México
+52 917 328 2100
www.halliburton.com

**Uruguay, ANCAP.....206**

Av. Libertador Brig. Gral. Lavalleja y Paraguay
6to Piso Edificio ANCAP
Exploración y Producción
Montevideo 11100, Uruguay
+59821931
https://exploracionyproduccion.ancap.com.uy/





25-27 April 2023 • University of Houston

SPONSORING ORGANIZATIONS:



REGISTER NOW

Carbon Capture, Utilization, and Storage (CCUS) 2023, 25-27 April in Houston, Texas is the leading event for CCUS management and development and is the best chance you'll have to gain insights into the technical and business aspects surrounding CCUS. Geoscientists and energy professionals from around the globe will engage in all aspects of the carbon capture lifecycle to innovate, integrate, and advance understanding to create value. Register now to help guide the pathway for safe and economical management of carbon developments, challenges, and opportunities.

The event will highlight current CCUS work and address related challenges, including:

- Subsurface Geologic Storage and Site Selection
- CO₂ Enhanced Hydrocarbon Recovery and Utilization
- Reservoir Modeling Monitoring and Risk Assessment
- Case Studies
- Industry Applications
- Economics, Incentives, and Policy
- Infrastructure
- ESGs and Stakeholder Engagement
- Machine Learning and Data Analytics Applications
- and more

KEYNOTE SPEAKERS



Tim Duncan
*President and Chief Executive Officer
Talos Energy Inc.*



Peter Findlay
*Principal Analyst – CCUS
Wood Mackenzie*



John Litynski
*Director of Carbon Transport and Storage
U.S. Department of Energy*

CCUSevent.org

ENDORING ORGANIZATION:





AAPG International Conference & Exhibition

Call for Abstracts Opening Soon

The American Association of Petroleum Geologists (AAPG) is proud to host the 2023 International Conference and Exhibition (ICE) at the Riu Plaza España in Madrid, Spain from 6–8 November 2023. Now is the time to share your knowledge, insights, and research to help guide our geosciences community to expand frontiers and unlock resources for future generations. In Europe, the Energy Transition is happening all around us, and the speed of change is accelerating. The key roles geoscientists will play in achieving net-zero have never been so clear.

The Technical Program Committee invites you to submit abstracts under the following themes/subthemes that have direct application to today's industry and towards finding solutions to the Energy Trilemma: affordability, security, and impact. In addition, student participation is a priority – AAPG ICE is an invaluable opportunity to showcase graduate research that advances the industry.

Technical Programme Preliminary Themes

- Theme 1: Basins and Petroleum Systems
- Theme 2: Structural Geology, Tectonics, and Geomechanics
- Theme 3: Stratigraphy and Sedimentology
- Theme 4: Geophysics
- Theme 5: Development Geosciences and Mature Fields
- Theme 6: Energy Transition
- Theme 7: Digitalization in Geosciences
- Special Session: History of Petroleum Geoscience

Submissions accepted will determine the topics included in ICE conference technical sessions.

Submission Deadline: 15 June 2023

6–8 NOVEMBER – RIU PLAZA ESPAÑA, MADRID → [ICEevent.org](https://www.iceevent.org)



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