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AAPG

4-7 November
South Africa

Cape Town International Convention Centre



International Conference & Exhibition

ICEevent.org



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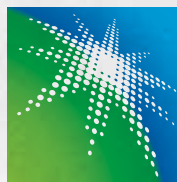
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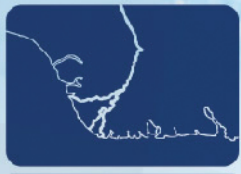
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Through its fully owned subsidiary, NDPR Ltd, it has developed both upstream and downstream capacity. Using indigenous capital and expertise, ND Group uses proven processes to deliver optimal returns to its Shareholders, Host Communities and its stakeholders, with a strong commitment to HSE.

Over the years, NDPR has attained numerous industry firsts and milestones, including the creation of the first ever Host Community Development Trust, in 2002. NDPR has also successfully eliminated routine gas flaring at the Ogbele Marginal Oil Field.

With a solid foundation for value creation and enhancement, the ND Group will create the best outcomes for all stakeholders.

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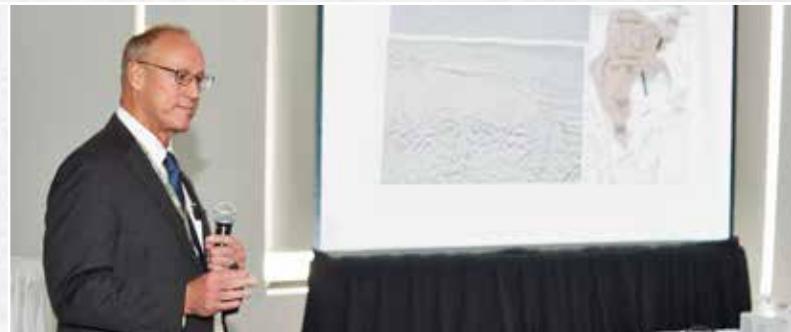
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WELCOME FROM THE GENERAL CHAIR

Dear Colleagues,

On behalf of AAPG and the Organizing Committee, it is my pleasure and honor to welcome you to the 2018 International Conference and Exhibition (ICE) under the theme “Shaping the Future in a Changing Energy Landscape” at the Cape Town International Convention Centre, South Africa. As the theme implies this is a pivotal time in our industry and we will be discussing our current realities, the challenges, and the opportunities that will drive our industry into the future.

I am delighted to welcome you to Cape Town, a city renowned not only for its unique geological and geographical setting but also the exceptional warmth and hospitality of its people. It is therefore not a coincidence that Cape Town is having the singular honor of being the first city in Africa to host the AAPG ICE again after the outstanding success of Cape Town 2008, which had more than 1,950 participants in attendance.

From its formation in 1917 through today, the purpose of AAPG has remained the same – foster scientific research, advance the science of geology, promote technology, and inspire professional conduct. As the world’s premier professional geoscience association, with more than 30,000 members in 129 countries, AAPG provides a unique platform for formulating solutions to the key challenges facing the energy industry through sharing the ideas that drive innovations in our industry to solve not only the challenges of today but those of tomorrow.

With the 2018 Cape Town ICE being co-located with Africa Oil Week at the International Convention Centre, this meeting provides a unique opportunity for geologists, geophysicists, petrophysicists, and other petroleum industry professionals from all over the world to not only to connect and share knowledge, develop their skills, discover technology innovations, and network with their peers, but to also meet with decision makers, top industry executives, and decision makers.

The global energy landscape has changed significantly in the last decade, and this trend is expected to continue. The impact of increased production from unconventional oil has disrupted the traditional global oil and gas demand and supply balance. In Africa, the era of world-class deep-water discoveries in the Gulf of Guinea seems to have given way to huge gas discoveries in East and Southern Africa. Thrown into the mix are renewables, which are fast becoming a formidable source of energy. All these topics and their impact on the future energy mix will be discussed at this conference.

From the hundreds of outstanding abstracts received, 494 exceptional abstracts have been selected for oral and poster presentations. The technical program is focused around 14 core themes; History of Petroleum E&P in Africa; Conventional Reservoirs; Unconventional Resources; Exploration and Production in Mature Basins; New and Emerging Exploration Basins; Deep-water Exploration and Production; Petroleum Systems, Basin Modeling, and Risk; Tectonics, Basins, and Trap Formation; Integration of Geophysics with Geology; Deriving Value from the Integration of Geoscience; The Increasing Importance of Gas; Innovation and Technology; Business and Regulatory Environment; and E&P and the Environment We Live In.

An outstanding array of industry professionals from all over the world will participate and share during the sessions. There will be an executive plenary titled, ‘Global Energy Supply and Demand: Where Does the Road Lead’ as well as an Africa executive plenary session on ‘Capitalizing on Africa’s Success; Energy for Economic Prosperity.’ There will be four special sessions of invited talks on the History of Petroleum E&P in Africa; the Increasing Importance of Gas; Business and Regulatory Environment; and E&P and the Environment We Live In. There will also be exciting and informative field trips, short courses, and special programs for students and young professionals to complement this outstanding program.

An event of this magnitude is only possible due to the dedication and tireless commitment of the technical team, members of the Organizing

Committee, the AAPG staff, members of affiliate and sister organizations, and the army of volunteers who have worked tirelessly to make this conference a success. But above all we owe a debt of gratitude to the companies who are not only participating and exhibiting but also providing financial support and technical content for the presentations and have also allowed their employees to be part of this extraordinary event.

On behalf of the Organizing Committee, welcome to Cape Town! Thank you for joining us at the premiere geoscience conference of the year and what promises to be a truly rewarding week. I encourage you to be active participants – share freely and openly, ask questions, challenge thinking, renew old relationships, and make new ones.

Sincerely,
Femi Esan
ICE 2018 General Chair
Principal Consultant, ROXOIL ENERGY



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Olivier Malinur,
WellCome Energy Services



Susan Nash,
American Association of
Petroleum Geologists

SCHEDULE AT A GLANCE

(Subject to change. Download the AAPG Events App for updates.)

Saturday

- 08:00–16:00 Pre-Conference Short Course 3 (Day One): Basin and Petroleum Systems Modeling: Applications for Conventional and Unconventional Petroleum Exploration Risk and Resource Assessments
- 09:00–17:00 Pre-Conference Day Trip 2: Scenic Overview of the Rocks and Mountains of Cape Town
- 09:00–17:00 Pre-Conference Student Workshop: 3-D Reservoir Modeling Practical Workshop
- 09:00–17:00 Registration

Sunday

- 08:00–16:00 Pre-Conference Short Course 3 (Day Two): Basin and Petroleum Systems Modeling: Applications for Conventional and Unconventional Petroleum Exploration Risk and Resource Assessments
- 08:00–16:00 Pre-Conference Short Course 5: Petroleum Geology of West Africa
- 08:00–16:00 Pre-Conference Short Course 6: Deep-water Slope Channel Complex Reservoirs in Exploration and Production
- 09:00–12:00 Pre-Conference Student Workshop: Basic Skills of Public Speaking
- 09:00–12:00 Pre-Conference Young Professionals Workshop: Secrets Behind a Good Speech
- 09:00–18:00 Registration
- 14:00–15:30 Students and Young Professionals Meet and Greet
- 16:30–18:00 Opening Ceremony
- 18:00–19:30 International Pavilion
- 18:00–19:30 Exhibition and Icebreaker Reception

Monday

- 07:30–17:30 Registration
- 09:00–09:50 Global Executive Plenary – Global Energy Supply and Demand: Where Does the Road Lead?
- 09:00–19:00 Exhibition
- 09:00–18:30 International Pavilion
- 09:50–10:45 Africa Executive Plenary – Capitalizing on Africa's Success: Energy for Economic Prosperity
- 10:00–11:30 Poster Sessions
- 10:45–11:25 Refreshment Break
- 11:25–13:10 Oral Sessions
- 11:25–13:10 Special Session: The Increasing Importance of Gas
- 13:10–14:10 Luncheon: The First Descent of the Nile: A Geologist's Journey Down the Longest River in the World
- 14:10–15:55 Panel Session: Joint AAPG and AIPN Panel – Operator Responsibilities: Beyond the Expected
- 14:10–18:20 Oral Sessions
- 15:10–16:40 Poster Sessions
- 15:55–16:35 Refreshment Break

Monday Continued

- 16:35–18:45 Young Professionals and Students Symposium: Young Professionals vs. Establishment; Next Generation of Energy Finders
- 18:00–19:00 End-of-Day Reception
- 19:00–20:00 Students and Young Professionals Reception

Tuesday


- 07:30–17:30 Registration
- 09:00–10:45 Special Session: History of Petroleum E&P in Africa
- 09:00–13:10 Oral Sessions
- 09:00–19:00 Exhibition
- 09:00–18:30 International Pavilion
- 10:00–11:30 Poster Sessions
- 10:45–11:25 Refreshment Break
- 11:25–13:10 Panel Session: Next Age Technology: Big Data, Big Success
- 13:10–14:10 IFP Energies Nouvelles Brown Bag Luncheon: Integrated Multi-Scale Characterization and Modeling Solutions for De-Risking Exploration in Deepwater and Complex Sedimentary Basins
- 14:10–15:55 Young Professionals and Students Symposium: Crossword Puzzle Competition
- 14:10–18:20 Oral Sessions
- 15:10–16:40 Poster Sessions
- 15:55–16:35 Refreshment Break
- 16:35–18:20 Open Panel Discussion: Transforming the Petroleum Industry and Adding Value Through a Globally Diverse Workforce
- 18:00–19:00 End-of-Day Reception

Wednesday

- 07:30–14:00 Registration
- 09:00–10:45 Special Session: Business and Regulatory Environment
- 09:00–13:10 Oral Sessions
- 09:00–19:00 Exhibition
- 09:00–18:30 International Pavilion
- 10:00–11:30 Poster Sessions
- 10:45–11:25 Refreshment Break
- 11:25–13:10 Special Session: E&P and the Environment We Live In
- 15:10–16:40 Poster Sessions
- 14:10–18:20 Oral Sessions
- 14:10–15:55 Super Basins Forum – Africa and Middle East: Big Basins, Big Successes, and More to Find
- 15:55–16:35 Refreshment Break
- 16:35–18:20 Super Basins Forum – Africa and Middle East: Big Basins, Big Successes, and More to Find
- 18:00–19:00 End-of-Day Reception

Thursday, 8 November–Monday, 12 November

- 08:00–17:00 Post-Conference Field Trip 4: Architectural Styles of Deep-water Depositional Elements – Examples From the Permian Southwestern Karoo Basin

- 
- ▶ Opening Ceremony
 - ▶ Executive Plenary Sessions
 - ▶ Panel Sessions
 - ▶ Special Sessions
 - ▶ AAPG/AOW Prospect Forum
 - ▶ Field Trip/Day Trip
 - ▶ Short Courses

HIGHLIGHTS

Opening Ceremony

Day: Sunday
Time: 16:30–18:00
Location: Auditorium 2 (Elephant Room)
Fee: Included with registration

Join us for an exciting, insightful, and entertaining introduction to the ICE 2018 Cape Town. The Opening Ceremony will begin with welcome remarks from ICE 2018 Conference General Chair, Mr. Femi Esan, Principal Consultant, ROXOIL ENERGY; Mr. Godfrey Moagi, Acting Chief Executive Officer, Central Energy Fund Group; and the AAPG President (2018-19), Ms. Denise M. Cox, President, Storm Energy. The session will also include an exciting talk by Professor Lee Berger on "Evolution of Mankind on African Continent" followed by South African cultural entertainment. Immediately after the Opening Ceremony, delegates are asked to make their way to the Exhibit Hall on the Ground Floor, for the Icebreaker Reception. It's a great opportunity to network with colleagues and get a first glance at the exhibitors for this year's ICE.



Femi Esan
 ICE 2018 General Chair
 and Principal Consultant,
 ROXOIL ENERGY



Godfrey Moagi
 Acting Chief Executive
 Officer, Central Energy
 Fund Group



Denise M. Cox
 President, Storm Energy and
 AAPG President (2018-19)



Lee Berger
 The Phillip V Tobias
 Research Chair in Paleo-
 Anthropology, University
 of the Witwatersrand,
 Johannesburg, South Africa
 and Explorer at Large,
 National Geographic Society

Global Executive Plenary – Global Energy Supply and Demand: Where Does the Road Lead?

Day: Monday
Time: 09:00–09:50
Location: Auditorium 2 (Elephant Room)
Fee: Included with registration
Moderator: Keith Myers, President, Research, Westwood Global Energy Group

The world's energy supply and demand picture is increasingly complex as the oil and gas sector emerges from the downturn caused by the 2014 price crash. It is apparent that a long term energy transition is underway with an increasing portion of our energy needs be sourced from renewables. Yet oil and gas demand today is at an historic high, whilst investment in new production has been slashed during the downturn. A combination of technology innovation and human ingenuity has continued to provide the oil and gas resource discoveries needed to supply relatively cheap, energy for the world. How will E&P companies respond to the new energy dynamics and what role will exploration geoscience have to play?



Liz Schwarze, *Vice President, Global Exploration, Chevron*
 Liz assumed the role of Vice President of Global Exploration for Chevron Upstream in April 2018 and is responsible for the company's worldwide exploration program. Schwarze joined Chevron in 1990 as a development geologist in the Gulf of Mexico and has held positions of increasing responsibility in exploration, reservoir management, finance, and business planning. She has worked on projects in Venezuela and Angola as well as the San Joaquin Valley and Permian Basin areas of the United States. Recent roles have included general manager of Exploration for Chevron Africa and Latin America Exploration and Production Company, based in Houston; general manager of Exploration for Chevron Asia Pacific Exploration and Production Company, based in Singapore; and division manager of Exploration and Reservoir Characterization Services for Chevron's Energy Technology Company, also in Houston. Schwarze holds a bachelor's degree in geology from Duke University, a master's degree in geology from The University of Texas at Austin and a master's in

business administration from Tulane University. She is a member of the American Association of Petroleum Geologists, the Society of Exploration Geophysicists and the Society of Petroleum Engineers.



Don Bagley, *Vice President, Business Development, ExxonMobil Exploration Company*
 Don is Vice President of Business Development for ExxonMobil Exploration Company. He received a bachelor's degree in geology from Duke University and a master's degree in geology from the University of Oklahoma. He began his career with Exxon in New Orleans, Louisiana in 1989, and has worked in Houston, London, and Dallas. Over his career, Don has held various technical, supervisory and managerial assignments across the Upstream. In his current role, Don is responsible for ExxonMobil Exploration's portfolio management, commercial, and business analysis efforts. He is a member of the American Association of Petroleum Geologists and the Society of Exploration Geophysicists. Don is an active champion for inclusion and diversity at ExxonMobil.



Chris Moyes, *President, Moyes & Co.*
 Chris Moyes has over 45 years of experience in the energy sector and has developed specific expertise in the evaluation, negotiation, trading, and financing of international oil and gas ventures. In addition, Moyes is considered an expert in the interpretation and assessment of petroleum contracts, and in the resolution of contract issues. Since founding Moyes & Co in 1983, Chris has managed both domestic and international E&P venture investments. He has evaluated production properties for acquisition and investment opportunities. He has managed new company issues, identified and acquired assets for clients, and concluded investment contractual documentation. He has been active in the provision of advice to governments, contractors, and the service sector in the structure and financing of joint ventures for upstream, downstream, power, and infrastructure sectors. He is familiar with the world's petroleum fiscal systems for oil and gas, export routes and their capacities and costs, transactions involving assets and valuations thereof, and the availability and cost of capital for international projects. He has provided Competent Person's or Independent Expert's Reports for companies seeking listings on the Canadian, United Kingdom and Australia Stock Markets. He has acted as Expert Witness in litigation or arbitration proceedings by expert report, deposition or affidavit.



Bongani Sayidini, *Acting Vice President – New Ventures Upstream, PetroSA*
 Bongani Sayidini holds a Bachelor of Technology in Chemical Engineering (CPUT), an MSc in Petroleum Engineering & DIC (Imperial College of Science, Medicine and Technology); an LL.M in Petroleum Law and Policy "with Distinction" (University of Dundee, Scotland) and an MBA (University of Cape Town). Bongani started his Petroleum Industry career 18 years ago as a Production Engineer at PetroSA's GTL Refinery. He later converted to a Reservoir Engineer and worked in multi-disciplinary project teams evaluating oil and gas opportunities in Africa. He rose up the ranks in Petroleum Engineering until he reached the level of Principal Reservoir Engineer responsible for the reservoir management of PetroSA's indigenous oil fields/and or production optimization, using dynamic simulation models such as Schlumberger's Eclipse. He subsequently joined PetroSA's Corporate Strategy and Planning as a Strategist/Head of Business Intelligence, where he spent the next three years. Bongani rejoined E&P in 2013 as Regional Manager – East Africa and was responsible for the identification, and techno-commercial evaluation of oil and gas opportunities in East Africa. Bongani's role within PetroSA increased in 2016 to cover E&P business development across Africa and rest of world, including unconventional resources in South Africa. Bongani was appointed Acting Vice President – New Ventures Upstream in April 2018, therefore is currently the executive responsible for E&P at PetroSA. Bongani is currently pursuing a PhD in Petroleum Law, supervised by the DST/NRF Mineral Law in Africa Chair at the University of Cape Town.



Phil Davey, Senior Vice President, WesternGeco

Phil is currently based in London with overall responsibility for WesternGeco's worldwide business with National Oil Companies and Government Affairs. He most recently was responsible for WesternGeco's overall business in Europe, Africa and Russia as well as Multiclient across the Eastern Hemisphere. Phil has 29 years of experience with Schlumberger, all within WesternGeco. He has held technical, sales and management positions in Oman, Nigeria, Australia, Indonesia, USA and the UK. Phil has BSc Geology from University of Wales and an MBA.

Africa Executive Plenary – Capitalizing on Africa's Success; Energy for Economic Prosperity

Day: Monday
Time: 09:50–10:45
Location: Auditorium 2 (Elephant Room)
Fee: Included with registration
Moderator: Jeff Aldrich, Vice President, MHA Petroleum Consultants

Africa has seen phenomenal success during the past 10–15 years in the upstream sector of the oil and gas business. Giant world-class discoveries have been made across the continent in virtually all basins and in countries that were written off as un-prospective even a few years ago. Will the pace of discoveries continue and what does an abundance of energy mean for Africa's economic prosperity? This panel of senior executives from IOCs and NOCs will address the future of upstream and how best to translate exploration and production success into an economic sea change for the people of Africa.



Olalekan Akinyanmi, Chief Executive Officer, LEKOIL Limited

Olalekan ("Lekan") is the founder and Chief Executive Officer of LEKOIL Limited, an Africa focused Oil exploration and production company. Since inception, he has led the company through an IPO and subsequent fundraises of over \$200 million on the London Stock Exchange's AIM market.

This funded LEKOIL's farm-in to OPL 310 and the subsequent discovery of the Ogo field – one of the world's largest in 2013 with estimated gross resources of 774mmboe. In September 2015 LEKOIL achieved "first oil" on its Otakikpo Marginal Field, just nine months after commencing operations and currently producing at 6000bpd. In October 2015 the Company announced its acquisition of a controlling interest in OPL 325. Lekan has over 20 years' experience in the oil and gas industry and was the International Energy Sector Head at AllianceBernstein L.P. in New York (Global asset manager with over \$400 Billion under management) with direct responsibility for a \$1Billion Energy and Natural Resource Portfolio. Prior to that he was a member of the #1 institutional investor-ranked team of analysts covering the oilfield services industry as an Associate Director at UBS Investment Research. Lekan has held Engineering and operational roles within Schlumberger in a career that spanned Nigeria, Egypt, Pakistan, Oman and Scotland. Lekan graduated from the Obafemi Awolowo University in Nigeria with a Bachelor of Science Degree in Electronic and Electrical Engineering and also holds an MBA from Massachusetts Institute of Technology (MIT) Sloan School of Management.



Maikanti Baru, Group Managing Director, NNPC

Maikanti Kacalla Baru obtained his secondary certificate from FGC, Jos (1978) and bagged a First Class Honours in Mechanical Engineering from Ahmadu Bello University, Zaria (1982). He also attended the University of Sussex, United Kingdom where he obtained a Doctor of Philosophy in Computer Aided Engineering (1987).

After a three-year stint at the Jos Steel Rolling Company Limited, Baru started his NNPC career as the Engineering Manager, National Engineering and Technical Company Limited (NETCO) in May 1991 and held various positions including Manager, Operations of Procurement Management Services (PROMAS); Manager Gas Department and General Manager, Gas Development Division (both NAPIMS); and Executive Director, Operations Nigeria Gas Company (NGC). Baru was also the Managing Director of Hyson (Nigeria) Limited; Group General Manager, Greenfield Refinery Projects Division, Group General Manager LNG Investment Management

Services (LIMS), Group Executive Director, Exploration and Production and Technical Adviser (Gas Matters) to the Minister of State for Petroleum Resources. On July 4th, 2016, President Muhammadu Buhari appointed him as the 17th Group Managing Director of NNPC. Dr. Baru chaired the NNPC Anti-Corruption Committee for four (4) years from 2004 to 2007. Aside winning several awards and attending countless conferences at home and abroad, Baru has also delivered Convocation Lectures at ABU Zaria and ATBU Bauchi. Today, Baru ranks as one of the most decorated Nigerians, which climaxed in him bagging the prestigious Forbes' African Oil and Gas Industry Man of the Year in 2017 and the Zik Prize for Professional Leadership in 2018.



ND Maduemezia, Vice President and General Manager Sub-Saharan Africa, Schlumberger

Prior to his current role ND served as Vice President Europe and Africa for the Schlumberger Drilling and Measurements Product line based in Paris. In a career with Schlumberger spanning more than 18 years, ND has multi-disciplinary experience holding various field and management positions across a number of Schlumberger Product Lines covering Drilling Services, Reservoir Characterization, and Production Services. ND's career with Schlumberger also cuts across a vast geographical context with assignments in North America, Europe, Middle East, Asia, and Africa managing Schlumberger stakeholder relationships and operations across a range of upstream oil service company businesses of different profiles and operational challenges. He holds an M.Sc. in Oil and Gas Management from Herriot Watt University Edinburgh and a B.Sc. in Mechanical Engineering from the University of Lagos, Nigeria. He is also a member of the Society of Petroleum Engineers as well as a speaker and thought leader in several African Energy Industry focus groups.

Panel Sessions

Joint AAPG and AIPN Panel – Operator Responsibilities: Beyond the Expected

Day: Monday
Time: 14:10–15:55
Location: Auditorium 2 (Elephant Room)
Fee: Included with registration

In this first ever joint panel between the AAPG and AIPN, panellists will discuss what the future holds for companies engaged in natural resource extraction in an industry under growing scrutiny and facing increasing regulatory pressure. This panel will discuss the evolving responsibilities of contractors in a changing world, with increased regulatory and governmental involvement, external stakeholder engagement and local involvement. How will licenses and concession arrangements develop? Will companies be left to manage their responsibilities alone or in partnership with the host government and national oil companies? And how will this affect operator liability? Hear the experts discuss future possibilities and join in the discussion of how the industry will respond and what impact this will have on operations in the oil and gas sector.

Invited Speakers:

- ▶ **Francisco Simão**, Vice President, Legal Affairs, BP Angola
- ▶ **Oliver Quinn**, Director - Exploration and Africa, Ophir Energy
- ▶ **Diederick Bax**, New Business Development & Commercial Manager, Shell

Next Age Technology: Big Data, Big Success

Day: Tuesday
Time: 11:25–13:10
Location: Auditorium 2 (Elephant Room)
Fee: Included with registration
Moderators: Brian Horn, Senior Vice President – Chief Geologist, ION E&P Advisors and Thomas Obidairo, Vice President, CGG

In this technical panel, the participants will discuss what technologies they have used to help make discoveries around the globe and revitalize mature super basins. Many of the super majors and NOCs are merging datasets to help them identify new opportunities that otherwise would be overlooked.

The panelists will also delve into the topic of big data analytics with the goal of having a discussion around the practical applications that companies are using big data for today. Many times, we hear how data sets are siloed either because departments within companies keep their datasets separated or applications are not compatible with each other. Accessibility may be a factor as well as our ability to manipulate and digest such large amounts of data. Is there a risk of our engineers and geoscientists accepting analytic results without a QC process in place? How concerned is the industry that the old "black box" argument applies to big data analytics and what have they done to proactively ensure real value is extracted?

Speakers:

- ▶ **Khalid Al Zamil**, Administrator, Exploration & Petroleum Engineering Computer Center, Saudi Aramco
- ▶ **Tolulope Ewherido**, Vice President, Technical, ExxonMobil Exploration Company
- ▶ **Eric Hathon**, Director, Exploration, Cairn Energy

Super Basins Forum – Africa and Middle East: Big Basins, Big Successes, and More to Find

Day: Wednesday

Time: 14:10–18:20

Location: Auditorium 2 (Elephant Room)

Fee: Included with registration

Moderators: Charles A. Sternbach, AAPG President (2017-18) and Nosa Omorodion, Director, NOCs / Nigerian Independents, Schlumberger

The Super Basins Forum will be a new focus for high impact energy related forums for AAPG. AAPG is pleased to introduce this inaugural Forum at the Cape Town, South Africa ICE with notable presentations relevant to the conference theme of "Shaping the Future in a changing Energy Landscape." This focus is a new initiative as AAPG continues into its Second Century of existence. The vision is that this forum will become a recurring theme at AAPG International Conferences. Follow-up papers will be preserved online and in AAPG publications. These presentations will also show how geoscience matters and how rocks tell the story. We want to frame the world's most petroliferous basins with an understanding of the boundary and layer conditions. This includes the richness, distribution, maturity, and position in the stratigraphic column of the source rocks. It also includes an appreciation of the reservoirs, seals, and structural configuration. Super basins are shifting attention away from frontier exploration toward established mature basins as a key source for tomorrow's oil and gas supplies. Super basins are established producers with at least 5 billion BOE produced and 5 billion BOE remaining

recoverable, two or more petroleum systems or source rocks, stacked reservoirs, existing infrastructure/oil field services, and access to markets (IHS Markit). Horizontal drilling and multi-staged horizontal fracturing are driving the onshore super basin renaissance. The Permian Basin in Texas, Gulf of Mexico, and Middle East basins are prototype oil- and gas-prone super basins. And Africa has many of its own Super Basins! Energy is where you find it. We are seeing an energy Renaissance using new technology. Basins formerly thought of as "mature" basins have new surprises using the Total Petroleum Systems approach. Peak oil is a concept defined by a population of energy accumulations known, detectable, and producible at a particular time and place. When there are "multiple" peaks to a basin historical hydrocarbon production graph, it means that we were not fully grasping the true potential of basins with new technology. We will focus on the technology transfer and best practice sharing of new technologies that can be applied in various basins.

Topics to be addressed include:

- ▶ What makes your super basin special and unique and what can we learn from it?
- ▶ What are the critical geoscience elements that contribute to success?
- ▶ What is the exploration/production history, and what are the major plays with remaining potential – conventional, unconventional, and field growth?
- ▶ What are key innovations in your super basin (such as adoption of horizontal drilling, hydraulic stimulation, completing and drilling techniques, and seismic imaging) that helped unlock the potential and what is needed to grow it further?
- ▶ How do "above ground" issues like politics, access, mineral ownership, and geography influence realizing the full resource potential of your super basin?
- ▶ Will the basin be a regional or global disrupter?

Speakers:

- ▶ **Exploration Creativity in the Golden Age of Super Basins and What AAPG is Doing About Them:** Charles A. Sternbach, AAPG President (2017-18)
- ▶ **Giant Basins of Africa: The More We Explore the More We Find:** Adebayo Akinpelu, Managing Consultant, Fixital
- ▶ **North Africa – A Rejuvenated Super Basin:** Lorenzo Meciani, Exploration Strategies Manager, Eni
- ▶ **East Africa and Mozambique, Waking a Sleeping Super Basin:** Malcolm Francis, Exploration Lead, Sub-Saharan Africa, WesternGeco, Schlumberger
- ▶ **Basins and Petroleum Systems of the Middle East:** Sa'id Al Hajri, Manager, Geological Operations Department, Saudi Aramco



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SPECIAL SESSIONS

Special Session: The Increasing Importance of Gas

Day: Monday
Time: 11:25–13:10
Location: Auditorium 2 (Elephant Room)
Fee: Included with registration
Moderator: Nosa Omorodion, Director, NOCs / Nigerian Independents, Schlumberger

This special session is dedicated to new realities on the adoption of cleaner energies, oil price “competitiveness,” and rising world energy consumption. The stage is being set for the emergence and/or dominant change to a gas-driven economy. Contrary to popular belief about gas just being another fossil fuel with dangerous emission rates, natural gas has been proven to emit the least carbon dioxide (CO₂) and with the world still very far from a complete move away from fossil fuels, it is important that we begin to explore gas development as a cheaper and cleaner alternative. With deliberate advocacy, the industry and regulatory bodies must begin to critically consider workable fiscal and development options that the exploration of gas needs to operate within. In Africa alone, we have giant gas discoveries in offshore Mozambique, Egypt, Tanzania, Angola, and Nigeria, and to meet the rising increase in demand, it is forecasted that supply will increase to around 70% by year 2040. Invited talks in this session will propose and cover workable gas term models, ongoing discussions around locally suitable fiscal policies, possible impacts and current integration plans with the production of other heavier fossil fuels and renewable energies. Talks will also highlight efficient systems for gas exploration through development to utilization.

Speakers:

- ▶ **Nosa Omorodion**, Director, NOCs / Nigerian Independents, Schlumberger
- ▶ **Omar Mitha**, Chairman, ENH
- ▶ **Niall Kramer**, Chief Executive Officer, South Africa Oil and Gas Alliance (SAOGA)
- ▶ **Olalekan Akinyanmi**, Chief Executive Officer, LEKOIL Limited

Special Session: History of Petroleum E&P in Africa

Day: Tuesday
Time: 09:00–10:45
Location: Auditorium 2 (Elephant Room)
Fee: Included with registration
Moderators: Charles A. Sternbach, AAPG President (2017–18) and Adebayo Akinpelu, Managing Consultant, Fixital

This special session will reflect on the journey of the oil and gas sector on the African continent. ‘Africa, Cradle of Mankind,’ is a continent blessed by an abundance of natural resources that has been explored for centuries. Invited speakers will delve into the history of the oil and gas industry in Africa and reflect on the socio-economic impact it had on development of African nations and citizens. Stories of the early exploration programs based solely on field work to today’s technology intensive program will be discussed along with stories of the hard-earned discoveries and the serendipitous discoveries made on the way. The session aims to also cover the rise and changing fortunes of African NOCs as well as the International Oil Companies (IOC) active in Africa over recent times.

Speakers:

- ▶ **Justin Cochrane**, African Upstream Regional Research Head, IHS Markit
- ▶ **Kehinde Ladipo**, Senior Exploration Advisor, LEKOIL Limited
- ▶ **Keith Myers**, President, Research, Westwood Global Energy Group

Special Session: Business and Regulatory Environment

Day: Wednesday
Time: 09:00–10:45
Location: Auditorium 2 (Elephant Room)
Fee: Included with registration
Moderator: David Blanchard, Managing Director, DB Global Energy Consultants

The international business of oil and gas exploration and production is subject to a myriad of global as well as country-specific factors and influences. The global economy, changing energy use trends, valuation methods and reporting, as well as local business operating environments all play a vital role in shaping the landscape. Invited speakers in this session will share their expertise, ideas, and insights on topics such as:

- ▶ Resources and Reserves Reporting
- ▶ Fiscal Regimes
- ▶ Decommissioning and Abandonment
- ▶ Business Value of Research
- ▶ Business Response to Changing Energy Mix
- ▶ Social Responsibility
- ▶ Local Business Environment

Speakers:

- ▶ **Narendra K. Verma**, Managing Director and Chief Executive Officer, ONGC Videsh Ltd.
- ▶ **Eniola Oludedmi**, Senior Economist, Service Delivery Manager, Schlumberger
- ▶ **Maggy Shino**, Petroleum Commissioner, Ministry of Mines & Energy, Namibia
- ▶ **Mordecai Ladan**, Director, Department of Petroleum Resources, Nigeria

Special Session: E&P and the Environment We Live In

Day: Wednesday
Time: 11:25–13:10
Location: Auditorium 2 (Elephant Room)
Fee: Included with registration
Moderators: Andrew Ejayeriese, President, NAPE & General Manager, Nigeria Exploration, Mobil Producing Nigeria & Esso Companies

The impact of oil and gas exploration and production activities on the environment has become an increasingly important topic. Current ease of access to information has raised issues such as the use of fossil fuels and pollution, climate change and protection of the environment, to everyday household topics of discussion and conversation. Invited speakers in this special session will share their knowledge, experiences, and insights on topics such as:

- ▶ Carbon Capture and Sequestration
- ▶ Advances in Fracking Technologies
- ▶ Environmental Risk in Deep-water Drilling
- ▶ Coastal Management
- ▶ Exploration Activity and the Effect on Biosphere
- ▶ Managing Non-Technical Risks in Exploration
- ▶ Impact of E&P Activities on Deep and Shallow Aquifer
- ▶ Environmental Impact Assessment
- ▶ Waste Management
- ▶ Induced Seismicity

Speakers:

- ▶ **Greg Schreiner**, Sustainability Scientist, Council for Scientific and Industrial Research (CSIR)
- ▶ **Malcolm Francis**, Exploration Lead, Sub-Saharan Africa, WesternGeco, Schlumberger
- ▶ **Timi Familusi**, Leader, Sub-Saharan Africa, Ace Noesis Limited



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AAPG/AOW PROSPECT FORUM

Days: Tuesday–Thursday
Times: 08:00–16:35
Location: Meeting Room 1.41 & 1.42
Fee: Included with registration

The AAPG/AOW Prospect Forum is a unique platform for independent oil companies, geoscience companies, and national oil companies to promote their opportunities and data to the global oil and gas sector.

A collaboration of AAPG's scientific leaders and AOW's business leaders, this forum will bring the best minds together to source and originate new opportunities, acreage, and farm down assets making it the engine room for new business discussions.

The Prospect Forum provides a dedicated platform to access decision makers who broker the deals, making it the quickest way to develop new partnerships and finance your priority projects and activities.

The Prospect Forum agenda will be structured as follows:

- ▶ Day 1: National Oil Companies and Governments
- ▶ Day 2: Independents
- ▶ Day 3: Geo-Services



Day 1: National Oil Companies and Governments

Tuesday, 6 November

08:00	Registration opens, coffee, and networking on exhibit floor.
09:55–10:00	Chairman's Welcome –Peter Elliott, Chief Executive Officer, NVentures
10:00–10:30	Republic of Guinea Company: ONAP Speaker: Famourou Kourouma Title: General Manager
10:30–11:00	Republic of Ghana Company: Ghana Petroleum Commission Speaker: Egbert Isaac Faibille Title: Petroleum Commissioner
11:00–11:30	Republic of South Africa Company: PASA Speaker: Selwyn Adams Title: Principal Geologist
11:30–12:00	Republic of Namibia Company: NAMCOR Speaker: Maggy Shino Title: Petroleum Commissioner
12:00–12:30	Republic of Niger Company: Ministry of Petroleum Speaker: Hamani Boube Title: Director
12:30–13:30	Break
13:30–14:00	Agence de Gestion et de Coopération entre le Sénégal et la Guinée Bissau Speaker: Augusto Artur Antonio Da Silva Title: Secretary General
14:00–14:30	Republic of Madagascar Company: OMNIS Speaker: Olivier Belalhy Title: Director of Hydrocarbons
14:30–15:00	Republic of Guinea - Bissau Company: Petroguin Speaker: Celedonio Vieira Title: Chief Executive Officer
15:00–15:30	Republic of Sierra Leone Company: Petroleum Directorate Speaker: Timothy Kabba Title: Petroleum Directorate
15:30–16:00	Republic of Gambia Company: Gambia National Oil Company and TGS Speaker: Jerreh Barrow and Ben Sayers Title: Chief Executive Officer and Business Development Manager
16:00–16:15	Republic of Kenya Company: National Oil Company Kenya Speaker: Francis Njuguna Title: Ag. General Manager – Upstream Operations
16:15–16:30	Republic of Mozambique Company: INP Speaker: Carlos Zacarias Title: President
16:30–17:00	Republic of Libya Company: Libyan National Oil Corporation Speaker: Salah El Ekhfifi Title: Exploration Geologist
17:00–17:30	Republic of Liberia Company: NOCAL Speaker: Saifuah-Mai Gray Title: Chief Executive Officer

Day 2: Independents

Wednesday, 7 November

08:00	Registration opens, coffee, and networking on exhibit floor.
09:45–10:00	ADX Energy Presenter: Paul Fink, Chief Executive Officer Name of Prospect: Kerkuane; Country of Prospect: Tunisia
10:00–10:15	Africa Energy Corp Presenter: Jan Maier, Vice President Exploration; Name of Prospect: Block 2B; Country of Prospect: South Africa
10:15–10:30	Invictus Energy Presenter: Scott Macmillan, Managing Director; Name of Prospect: SG 4571; Country of Prospect: Zimbabwe
10:30–10:45	Elephant Oil Presenter: Matthew Lofgran, Managing Director Name of Prospect: Block B Country of Prospect: Benin
10:45–11:00	Springfield Exploration & Production Presenter: Geoff Grant, Principal Geologist Name of Prospect: West Cape Three Points Block 2, Tano Basin; Country of Prospect: Ghana
11:00–11:30	Tullow Oil and Gas Presenter: Nico Grobber, Exploration Manager – New Ventures, Africa; Name of Prospect: Block C3 Country of Prospect: Mauritania
11:15–11:30	Break
11:45–12:00	Impact Oil and Gas Presenter: Phil Birch, Exploration Director; Name of Prospect: TBC; Country of Prospect: TBC
12:00–12:15	Oando Plc Presenter: Philip Dimmock, Non Executive Director; Name of Prospect: Niger Basin overview; Country of Prospect: Nigeria
12:15–12:30	Genel Energy Presenter: Mike Adams, Head of Exploration & New Business; Name of Prospect: Somaliland SL-10B/13; Country of Prospect: Somaliland
12:30–14:00	Break
14:00–14:15	Regalis Presenter: Stuart Munro, Explorationist; Name of Prospect: DOB Block; Country of Prospect: Chad
14:15–14:30	Sound Energy Presenter: Brian Mitchener, Exploration Director; Name of Prospect: Tendara Block; Country of Prospect: Morocco
14:30–15:00	Break
15:00–15:15	Supernova Presenter: Rein Tamboezer, Manager Exploration & Production Name of Prospect: Block 7B; Country of Prospect: Guinea Bissau
15:15–15:30	NEXEN CNOOC Presenter: Martin Jakubowski, Manager; Name of Prospect: AGC Profund; Country of Prospect: AGC
15:30–15:45	Tower Resources Presenter: Jeremy Asher, Chief Executive Officer; Name of Prospect: Thali Block; Country of Prospect: Cameroon
15:45–16:00	Swiss Africa Oil Presenter: TBC Name of Prospect: Keta Delta Block Country of Prospect: Ghana
16:00–16:30	Sasol Presenter: Darran Lucas Name of Prospect: ER236 Name of Country: South Africa

Day 3: Geo-Services

Thursday, 8 November

08:30	Registration opens, coffee, and networking on exhibit floor.
09:55–10:00	Chairman's Welcome – Peter Elliot, Chief Executive Officer, NVentures
10:00–10:30	CGG Presenter: Steve Toothill Basin: Zambesi Delta Country: Mozambique
10:30–11:00	ION E&P Advisors Presenter: Paul Bellingham Basin: West Africa Region Country: West African Margin
11:00–11:30	PGS Presenter: Matt Tyrrell Basin: Dahomey Basin Country: Benin
11:30–12:00	CGG Presenter: Dave Spofforth Basin: Coastal Basins Country: Kenya & Tanzania
12:00–12:30	Spectrum Presenter: Neil Hodgson Basin: TBC Country: TBC
12:00–14:00	Break
14:00–14:30	TGS Presenter: Chris Anderson Basin: Morondava Basin Prospect Country: Madagascar
14:30–15:00	PGS Presenter: Matt Tyrrell Basin: Kwanza Basin Country: Angola
15:00–15:30	CGG Presenter: Steve Toothill Basin: East Africa Regional Country: Mozambique to Seychelles
15.30–17.30	Ghana Bidding Round Presenter: TBC

Supported by:



FIELD TRIPS

(Download the AAPG Events App for the latest updates)

Pre-Conference Day Trip

	Title	Instructor	Dates/Times
Day Trip 2	Scenic Overview of the Rocks and Mountains of Cape Town	John Compton, University of Cape Town	Saturday, 3 November 08:00–18:00

Post-Conference Field Trip

Field Trip 4	Architectural Styles of Deep-Water Elements – Examples From the Permian Southwestern Karoo Basin	De Ville Wickens, Geo-Routes Petroleum	Thursday, 8 November – Monday, 12 November, 08:00–17:00
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SHORT COURSES

Pre-Conference Short Courses

	Course Title	Instructor(s)	Dates/Times	Location
3	Basin and Petroleum Systems Modeling: Applications for Conventional and Unconventional Petroleum Exploration Risk and Resource Assessments	Bjorn Wygrala and Wasiu Sonibare, Schlumberger	Saturday, 3 November 08:00–16:00 Sunday, 4 November 08:00–16:00	Meeting Room 1.61
5	Petroleum Geology of West Africa	Duncan Macgregor, Macgeology	Sunday, 4 November 08:00–16:00	Meeting Room 1.62
6	Deep-water Slope Channel Complex Reservoirs in Exploration and Production	Bryan Cronin, Tullow Oil	Sunday, 4 November 08:00–16:00	Meeting Room 1.63





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- ▶ Luncheons
 - ▶ Networking Opportunities
 - ▶ Student and Young Professional Activities
 - ▶ Room Assignments
 - ▶ Convention Centre Floor Plans

NETWORKING AND EVENTS

Luncheons

The First Descent of the Nile: A Geologist's Journey Down the Longest River in the World

Day: Monday
Time: 13:10–14:10
Location: Roof Terrace (Rhino Room)
Fee: US \$45 + VAT
Includes: Lunch
Speaker: Pasquale (PV) Scaturro, President/Geophysicist, Exploration Specialists Solitaire, Namibia



In 2003–2004 geophysicist PV Scaturro organized and led the historic 114-day journey down the entire length of the Blue Nile and Nile Rivers, a distance of 3,260 miles (5,250 km). The Nile First Descent Expedition was the first ever descent of the Blue Nile and Nile River from its source high in the mountains of Ethiopia to the Mediterranean Sea. The historical expedition is featured

in the award-winning IMAX film *Mystery of the Nile*, the third highest grossing large format film in history. The expedition had to overcome enormous hurdles – suicidal rapids, crocodile attacks, malaria, severe sandstorms, gunfire from bandits, and arrests by local militia. For more than a hundred years, explorers had attempted to descend the Blue Nile, but none had succeeded.

PV Scaturro is a geologist and geophysicist with 38 years of experience in worldwide oil and gas exploration and development. PV started his career with Amoco Production Company before holding a series of positions with McMoRan Oil and Gas, Seismic Specialists, Tricon Geophysics, Frontera Resources, and Hydrocarb Energy Corporation. He has explored for oil and gas in North and South America, Africa, the Middle East, and the former Soviet Union.

PV has led major and historical expeditions in high altitude mountaineering including three expeditions to Everest. In 2001 he conceived, organized, and led the National Federation of the Blind 2001 Everest Expedition, in which blind climber Erik Weiheymayer reached the summit. *Time Magazine* called it one of the most successful Mt. Everest expeditions in history. PV has also led multiple descents of major world-class rivers including the Bio Bio in Chile, and the Omo and Zambezi in Africa. He has appeared on the Today Show, NBC Nightly News, ESPN, Turner Television, the History Channel, National Public Radio, MacGillivray Freeman Films and IMAX Theaters worldwide, A&E, MSNBC, and MSN and has been featured in Time Magazine, Outside Magazine, National Geographic Adventure, the LA Times and many more.

IFP Energies Nouvelles Brown Bag Luncheon: Integrated Multi-Scale Characterization and Modeling Solutions for De-Risking Exploration in Deepwater and Complex Sedimentary Basins

Day: Tuesday
Time: 13:10–14:10
Location: Meeting Room 1.63 & 1.64 (Buffalo Room)
Fee: Included with Registration
Includes: Lunch
Speaker: Fadi Nader, Business Developer Geosciences & EOR, IFP Energies Nouvelles



Our goal is to present recent advances of IFPEN R&D projects pertaining to the characterization and numerical modeling leading to better constrain:

- ▶ Deepwater sedimentary architectures & facies distribution
- ▶ Geometric & kinematic evolution of complex areas
- ▶ Acid fluid generation & migration in deep basins (CO₂, H₂S)

We will share case studies (e.g. Atlantic-margins, Mediterranean region, Asia-Pacific, North America), to prove how analogue and numerical modeling can be used to predict stratigraphic architectures and reservoir play fairways, and to better understand fluid flow and structural kinematics.

Networking Opportunities

Open Panel Discussion: Transforming the Petroleum Industry and Adding Value Through a Globally Diverse Workforce

Day: Tuesday
Time: 16:35–18:20
Location: Roof Terrace (Rhino Room)
Fee: Included with registration (registered participants only)
Includes: Drinks and hors d'oeuvres
Moderators: Denise M. Cox, President, Storm Energy, and AAPG President (2018–19), and Stephanie Nwoko, Senior GeoModeler, Premier Oilfield Group

Join internationally recognized women and men in geoscience for an open discussion on how a globally diverse and knowledgeable workforce is transforming the petroleum industry. Increased global diversity from technical people of different cultural background, age, gender, and perspectives is facilitating a transformation and adding value to the petroleum industry. Global experience maximizes the exposure of new play concepts and the technology that can be applied to exploration, development of existing fields, and re-development of mature reservoirs. An understanding of cultural similarities and differences also helps geoscientists more effectively communicate their ideas, lead multidisciplinary teams, and pursue dynamic careers in the petroleum industry. The panel will explore these themes and provide their perspectives on

how a diverse workforce is affecting transformation and if there is an urgent need for more diversity in the petroleum industry. After the panel discussion, stay for a reception to network with geoscience researchers, petroleum technology experts, and industry leaders to diversify your portfolio of connections and transform your career.

Panelists:

- ▶ **Laura Johnson**, Senior Geologist, Anschutz Exploration Company and AAPG Executive Secretary
- ▶ **Tolulope Ewherido**, Vice President, Technical, ExxonMobil Exploration Company
- ▶ **Lindiwe Mekwe**, Acting Chief Executive Officer, Petroleum Agency SA
- ▶ **Karyna Rodriguez**, Director of Geosciences, Spectrum
- ▶ **Rawan Alasad**, Geologist, Saudi Aramco
- ▶ **John Kaldi**, Professor, Petroleum Geology & Engineering, University of Adelaide, Australia

Planning Committee:

- ▶ **Anthea Davies**, Divisional Geologist, Petroleum Agency SA
- ▶ **Ewa Ginal-Cumblidge**, Senior Promotions Specialist, Ministry of Business, Innovation & Employment, New Zealand
- ▶ **Nancy Slatter**, Managing Partner, Cabral Energy
- ▶ **Stephanie Nwoko**, Senior GeoModeler, Premier Oilfield Group

Icebreaker Reception

Day: Sunday
Time: 18:00–19:30
Location: Exhibit Hall 3
Fee: Included with registration

Make sure this event is on your agenda for Sunday after the Opening Ceremony. Come and check out the latest innovations, solutions, and technologies the industry's elite has to offer while networking with colleagues from around the globe. Enjoy hors d'oeuvres and a beverage and celebrate the opening of the 2018 International Conference and Exhibition in Cape Town.

Students and Young Professionals Reception

Day: Monday
Time: 19:00–20:00
Location: Terrace Mountain View, CTICC 2
Fee: Included with registration

Students, faculty and young professionals are invited to attend the Students and Young Professionals Reception for food, fun, and networking. Meet AAPG leaders and officers as well as executives from AAPG's longtime corporate sponsor, ExxonMobil. In addition to these industry connections, you can also meet up with fellow students and young professionals in a fun and relaxing environment.

Daily Morning Refreshment Breaks

Days: Monday–Wednesday
Time: 10:45–11:25
Location: Exhibit Hall 3
Fee: Included with Registration

Take a break from the technical sessions and grab a cup of tea or coffee while visiting the Exhibit Hall. Exhibitors will have presentations available during these breaks where they highlight their latest innovations, services, products, and discoveries.

Daily Afternoon Refreshment Breaks

Days: Monday–Wednesday
Time: 15:55–16:35
Location: Exhibit Hall 3
Fee: Included with Registration

Come grab a pick-me-up cup of tea or coffee in the Exhibit Hall, network with your colleagues and catch up with exhibitors.

End-of-Day Receptions

Days: Monday–Wednesday
Time: 18:00–19:00
Location: Exhibit Hall 3
Fee: Included with registration

Your opportunity to discuss the day's technical sessions with colleagues and visit with exhibitors you may have missed earlier in the day. A festive atmosphere where a complimentary drink ticket is provided to enjoy a glass of wine, beer, or soft drink of your choice with some light snacks. This is a great way to wrap up your day and prepare for your evening in Cape Town.

Student and Young Professional Activities

3-D Reservoir Modeling Practical Workshop

Day: Saturday
Time: 09:00–17:00
Location: Geomodeling Room, (Room G.64.1), Ground floor, Chemical Sciences Building, University of Western Cape
Fee: Included with registration (*registered student participants only*)
Instructor: Stephanie Nwoko, Premier Oilfield Group

This one-day workshop will cover basic software usage application and introduce the procedures and workflow for building a 3-D geological model using Petrel. This will be a practical course to illustrate 3-D geological model construction, followed by hands-on-practical by the students. Students will learn about project set-up, data import, creating simple surfaces, performing basic quality checks, 3-D grids, and visualization. Students will understand the science and workflows behind building consistent 3-D geological models including fluid, facies, and porosity distribution, and volumetric estimation. They will learn how to integrate data from cores, logs, and seismic and how to upscale this data into a geological model that can be fed into flow simulation models for field development planning, field optimization, and/or production scenarios.

Agenda:

- ▶ Role of reservoir modeling
- ▶ Overview of basic 3-D geological model
- ▶ How to build a 3-D geological model
- ▶ Exercise: Hands-on-practical by students

Basic Skills of Public Speaking Workshop

Day: Sunday
Time: 09:00–12:00
Location: Geomodeling Room, (Room G.64.1), Ground floor, Chemical Sciences Building, University of Western Cape
Fee: Included with registration (*registered student participants only*)
Instructors: Jana Alabdullatif and Yara Garoot, Saudi Aramco

This workshop is based on the Competent Communicator level of the Toastmasters International educational program, which targets the mastering of 10 basic skills of public speaking. During the workshop, participants will learn about these skills and how to apply them when crafting their speeches or planning their presentations.

Workshop Outline:

- ▶ Discussion on public speaking
- ▶ Breaking the ice with public speaking
- ▶ Organizing a speech/presentation
- ▶ Getting to the point
- ▶ How to say it
- ▶ Body gestures
- ▶ Vocal variety
- ▶ Art of using data and statistics
- ▶ Visual aids
- ▶ Art of persuasion
- ▶ Inspirational speeches

Secrets Behind a Good Speech Workshop

Day: Sunday
Time: 09:00–12:00
Location: Room G.58.1/2, Ground floor,
Chemical Sciences Building, University of Western Cape
Fee: Included with registration (*registered YP participants only*)
Instructor: Hassan Ismail, Saudi Aramco

This workshop explores the main skills that a speaker needs to master in order to enhance the effectiveness of their speeches/presentations. Each skill is discussed and illustrated with real examples of successful speeches and presentations. If time permits, the instructor will give participants a number of exercises to practice some of these skills during the workshop time.

Workshop Outline:

- ▶ Discussion on public speaking skills: Learned vs. acquired
- ▶ Public speaking and performance anxiety: How to reduce anxiety
- ▶ Selecting a topic for a speech or a presentation
- ▶ Role of storytelling in a speech/presentation
- ▶ Role of practice and dry-runs
- ▶ Elements of verbal delivery
- ▶ Memorizing vs. internalizing
- ▶ Getting in the audience's shoes
- ▶ Jaw-dropping moments and their role in knowledge retention and speech impact
- ▶ Art of adding humor
- ▶ Planning a speech/presentation
- ▶ Creating a multisensory experience to maximize content retention

Students and Young Professionals Meet and Greet

Day: Sunday
Time: 14:00–15:30
Location: Strelitzia Conservatory
Fee: Included with registration
Co-Chairs: Claire Geel, University of Cape Town and
Julian Chenin, Blumware

This year's Meet and Greet is designed to encourage networking, discussion and mentorship between young professionals and students. It's an opportunity for students to ask questions and address concerns as well as for young professionals to share their insights in the oil and gas industry.

Main Objectives:

- ▶ Meet and greet, networking between students and young professionals
- ▶ Brain storming in the form of a "Lean Coffee" session where young professionals and students can talk honestly about issues facing early career geoscientists
- ▶ An opportunity for students to develop mentor relationships with young professionals
- ▶ Gain perspective from young professionals and students in preparation for upcoming panels during the week

Lean Coffee Event

A "lean-coffee" session is where students and young professionals come together in a relaxed atmosphere to discuss relevant topics over a cup of coffee, tea or soft drink. Students and young professionals will create their own agenda, vote on topics of shared interest, and start discussions. The event will last one hour and 30 minutes, which should allow students and young professionals to develop ideas and address topics that will sustain meaningful dialogue throughout AAPG ICE 2018. The facilitators have prepared some "pocket topics" to help kick off the session and to encourage communication and debate.

Young Professionals and Students Symposium: Young Professionals vs. Establishment; Next Generation of Energy Finders

Day: Monday
Time: 16:35–18:45
Location: Meeting Room 1.63 & 1.64 (Buffalo Room)
Fee: Included with registration
Moderators: Oge Modie, Chief of Staff to the Honorable Minister of State, Petroleum Resources, Nigeria and Jeff Aldrich, Vice President, MHA Petroleum Consultants

During this panel session the participants will discuss millennials entering the workplace and how this generation is going to redefine and reshape the workplace of the future. Millennials have grown up with technology at their fingertips and being exposed to all things connected. Their diverse understanding of the digital realm and innovative ways of thinking provides a unique opportunity that organizations can leverage and therefore need to capitalize on. However, the millennial tends to be uncomfortable with rigid corporate structures and learning the old ways from the professionals, and employers are already voicing concern over changing their hiring policies and practices in order to accommodate this new work force.

The question now is, are established professionals willing to adapt and meet the millennial half way? This symposium will discuss a number of other approaches that should be considered and incorporated into organizations hiring strategies to attract top millennial talent. Suggested topics that academia may incorporate into their curriculum for adequate preparation of the geoscientists of tomorrow will also be discussed during the session. Participants will also discuss the benefits from young professional's perspective with regards to professionalism, leadership skills, diverse knowledge base, and company influence. Other key questions to be addressed are:

- ▶ What can academia do to prepare students for the industry?
- ▶ What traits do young people need to excel in the industry?
- ▶ What are the benefits of diversity from student's perspectives?
- ▶ Are students really prepared for the industry?
- ▶ Lessons from the mentor-mentee program

The symposium is expected to produce lot of good ideas out of the discussions and also present a broad knowledge on how students and young professionals can be proactive and develop their career.

Speakers:

- ▶ **Andrea Moscariello**, Reservoir Geology and Basin Analysis Professor, University of Genoa
- ▶ **Roland Ndombi**, Recruiting Manager, Sub-Saharan Africa, Schlumberger
- ▶ **Ademola Lanisa**, Reservoir Geophysicist, Total
- ▶ **Julian Chenin**, Associate Geoscientist, Blumware
- ▶ **Claire Geel**, Geoscience PhD Candidate, University of Cape Town
- ▶ **Eman Yami**, Group Leader, Exploration, HR Group, Saudi Aramco
- ▶ **Tunbosun Afolayan**, Shell, AAPG Africa Region Student Chapter Coordinator

Young Professionals and Students Symposium: Crossword Puzzle Competition

Day: Tuesday
Time: 14:10–15:55
Location: Meeting Room 1.63 & 1.64 (Buffalo Room)
Fee: Included with registration

Students are invited to participate in an exciting crossword competition. The crossword puzzle is designed to increase awareness about the field of geosciences. It contains words that are specific to geologists and geophysicists with clues that are challenging yet easy to look up. Prizes will be awarded to the winning team!

ROOM ASSIGNMENTS

AAPG Center	Ground Floor	Exhibit Hall 3: Booth #602
End-of-Day-Receptions	Ground Floor	Exhibit Hall 3
Exhibition	Ground Floor	Exhibit Hall 3
ICE Service Center (Speakers / Judges)	Level 1	Meeting Suite 1.9
Exhibition and Icebreaker Reception	Ground Floor	Exhibit Hall 3
International Pavilion and Theatre	Ground Floor	Exhibit Hall 3
Judges Check-In	Level 1	Meeting Suite 1.9
Lost and Found (Registration)	Ground Floor	Exhibit Hall 3
Luncheon (Pasquale (PV) Scaturro)	Level 2	Roof Terrace (Rhino Room)
Luncheon (Fadi Nader)	Level 1	Meeting Room 1.63 & 1.64 (Buffalo Room)
Opening Ceremony	Ground Floor and Level 1	Auditorium 2 (Elephant Room)
Oral Sessions	Ground Floor, Level 1 & Level 2	Auditorium 2, Roof Terrace, Meeting Room 2.6, Meeting Room 1.61 & 1.62 and Meeting Room 1.63 & 1.64 (Elephant, Rhino, Lion, Leopard and Buffalo Rooms)
Panel Sessions	Ground Floor and Level 1	Auditorium 2 (Elephant Room)
Plenary Sessions	Ground Floor and Level 1	Auditorium 2 (Elephant Room)
Poster Sessions	Ground Floor	Exhibit Hall 3
Open Panel Discussion: Transforming the Petroleum Industry and Adding Value through a Globally Diverse Workforce	Level 2	Roof Terrace (Rhino Room)
Refreshment Breaks	Ground Floor	Exhibit Hall 3
Registration	Ground Floor	Exhibit Hall 3
Speaker Services and Check-In line	Level 1	Meeting Suite 1.9
Special Sessions	Ground Floor and Level 1	Auditorium 2 (Elephant Room)
Students and Young Professionals Reception	Roof Terrace, CTICC 2	Terrace Mountain View
Super Basins Forum	Ground Floor and Level 1	Auditorium 2 (Elephant Room)
Students and Young Professionals Meet and Greet	Ground Floor	Strelitzia Conservatory
Students and Young Professionals Crossword Competition	Level 1	Meeting Room 1.63 & 1.64 (Buffalo Room)
Students and Young Professionals Symposium: Young Professionals vs. Establishment; Next Generation of Energy Finders	Level 1	Meeting Room 1.63 & 1.64 (Buffalo Room)
Volunteer Check-In	Level 1	Meeting Suite 1.9

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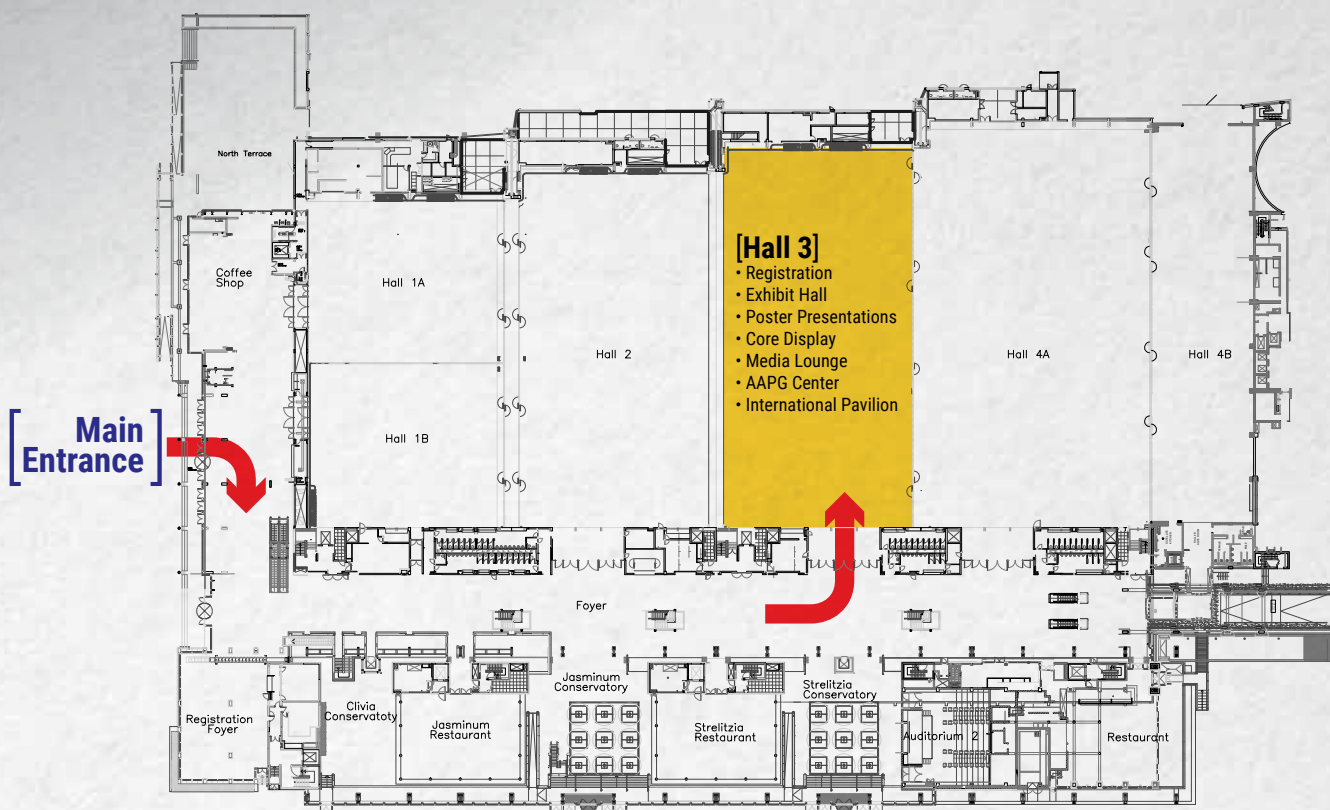
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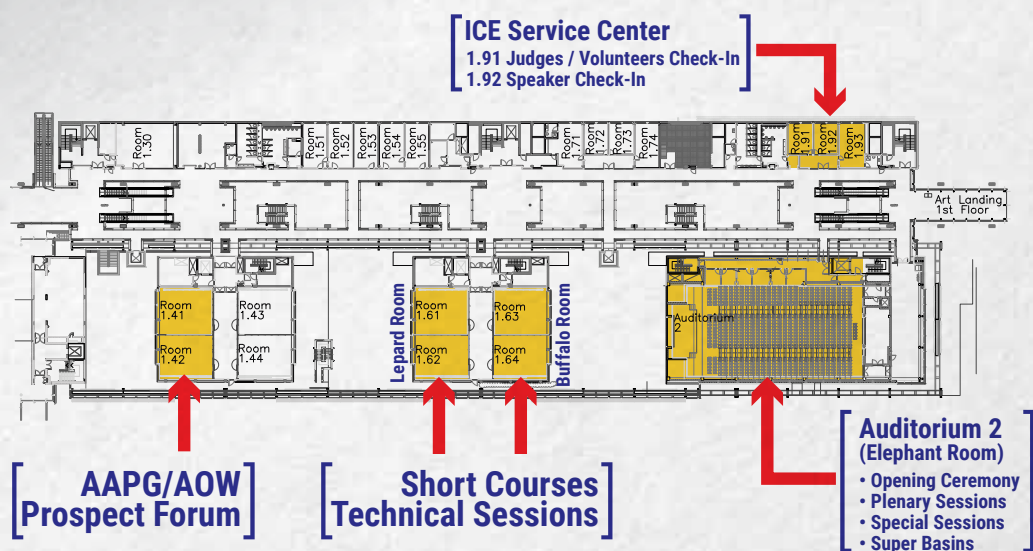
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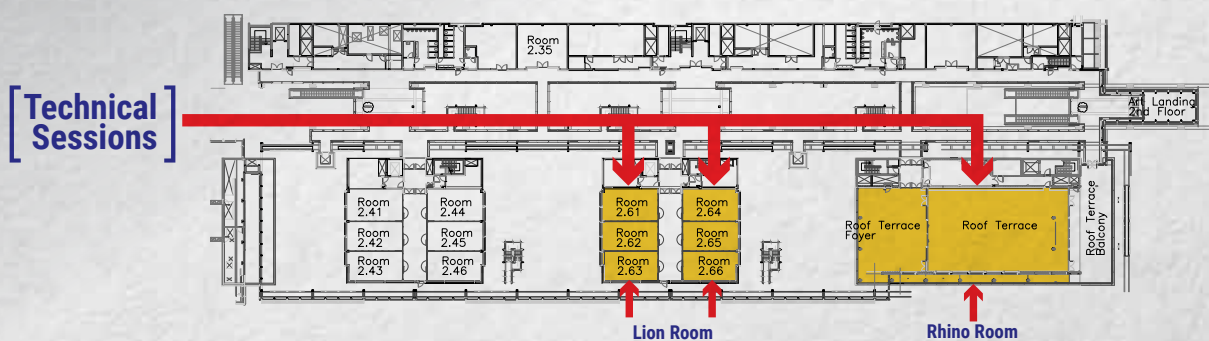
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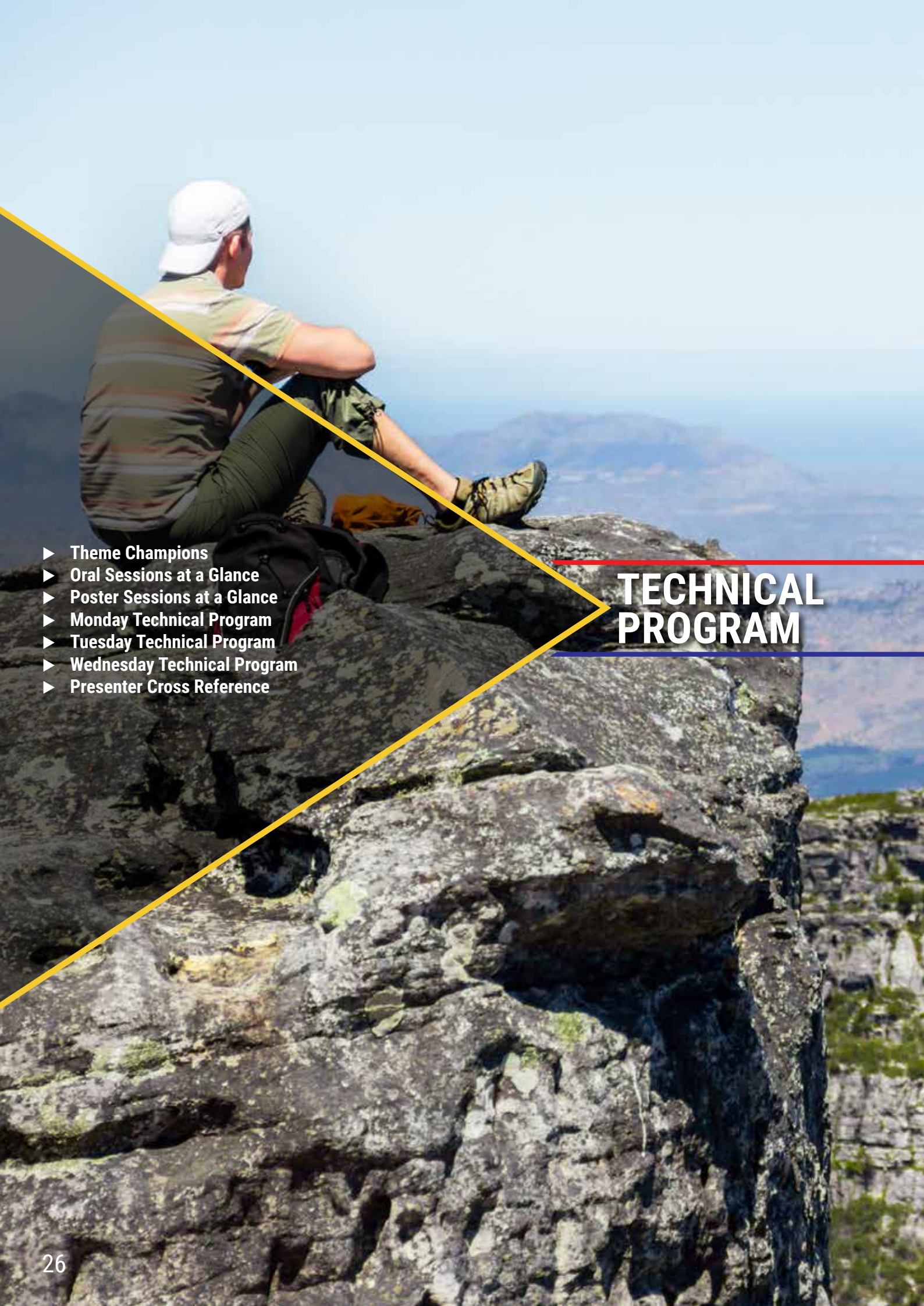


LEVEL 1



LEVEL 2



- 
- A person wearing a white cap, a green and brown striped shirt, and green pants is sitting on a dark, rocky mountain peak. They are looking out over a vast, hazy landscape with distant mountains under a clear blue sky. A yellow diagonal line runs from the top left towards the bottom right, passing behind the person and the text. A red horizontal line is positioned above the 'TECHNICAL PROGRAM' text, and a blue horizontal line is positioned below it.
- ▶ Theme Champions
 - ▶ Oral Sessions at a Glance
 - ▶ Poster Sessions at a Glance
 - ▶ Monday Technical Program
 - ▶ Tuesday Technical Program
 - ▶ Wednesday Technical Program
 - ▶ Presenter Cross Reference

TECHNICAL PROGRAM



THEME CHAMPIONS

We would like to acknowledge and thank the 2018 theme champions:

Femi Esan, ROXOIL ENERGY
Clement Chukwuka, Chevron
Emma Woodward, Drillinginfo
Phoebe McMellon, Elsevier
Sandra Merten, Elsevier
Andrea Cozzi, Eni
Massimo Fervari, Eni
Paola Ronchi, Eni
Nicola Bienati, Eni
Davide Della Moretta, Eni
Alessandro Gelmetti, Eni
Lorenzo Meciani, Eni
Goodluck Adagbasa, ExxonMobil Exploration Company
Pinar O. Yilmaz, ExxonMobil Exploration Company
De Ville Wickens, Geo-Routes Petroleum
Craig Smith, GSSA
Fadi Henri Nader, IFP Energies Nouvelle
Malcolm Wood, Independent
Ute Sattler, OMV Upstream
Anthea Davids, PASA
Sean Davids, PASA
Abimbola Adewole Durogbitan, Rocksolve International
David Van Der Spuy, Petroleum Agency SA
Nillian Mulemi, Petroleum Training and Education Fund, Namibia
Antonio Ravaglia, PetroSA
Peter Dekker, PetroSA
Andrew Dippenaar, PetroSA
John Egan, PetroSA
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K.B. Trivedi, PetroSA
Stephanie Nwoko, Premier Oilfield Group
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Fahad Najrani, Saudi Aramco
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Yves Le Stunff, TOTAL Pau
Bryan Cronin, Tullowoil
Opuwari Mimonitu, University of Western Cape
Olivier Malinur, WellCome Energy Services

ORAL SESSIONS AT A GLANCE

(Subject to change. For the most up-to-date Technical Program visit ICEevent.org)

Monday	09:00–09:50	Global Executive Plenary – Global Energy Supply and Demand: Where Does the Road Lead?				
	09:50–10:45	Africa Executive Plenary – Capitalizing on Africa's Success; Energy for Economic Prosperity				
	11:25–13:10	Special Session: The Increasing Importance of Gas	Mapping Unconventional Reservoirs Theme 3: Unconventional Reservoirs	Reservoir Characterization in Well Placement and Geo-Steering Theme 2: Conventional Reservoirs	Sequence Stratigraphy: E&P Tool Theme 4: Exploration and Production in Mature Basins	History of Petroleum E&P in Africa Theme 1: History of Petroleum E&P in Africa
	14:10–15:55	Panel Session: Joint AAPG-AIPN Panel: Operator Responsibilities: Beyond the Expected	Oil from Shales and Carbonate Mudstone Theme 3: Unconventional Reservoirs	Reservoir Characterization and Modeling I Theme 2: Conventional Reservoirs	New Plays and New Approach Theme 4: Exploration and Production in Mature Basins	Mediterranean Region Basins Theme 5: New and Emerging Exploration Basins
Tuesday	16:35–18:20	South Atlantic Basins Theme 5: New and Emerging Exploration Basins	Rock Properties Characterization in Unconventional Reservoirs Theme 3: Unconventional Reservoirs	Reservoir Characterization and Modeling II Theme 2: Conventional Reservoirs	Opportunity to get More From Brown Fields Theme 4: Exploration and Production in Mature Basins	YPS Symposium: Young Professionals vs. Establishment; Next Generation of Energy Finders
	09:00–10:45	Special Session: History of Petroleum E&P in Africa	Tight Gas Sand Reservoir Theme 3: Unconventional Reservoirs	Southern African Basins Theme 5: New and Emerging Exploration Basins	Application of Geophysics to Explore and Develop in Deep-Water Theme 6: Deep-Water Exploration and Production: Opportunities and Challenges	Outcrop Analogs Theme 2: Conventional Reservoirs
	11:25–13:10	Panel Session: Next Age Technology; Big Data, Big Success	Unconventional Gas Theme 3: Unconventional Reservoirs	East African Basins Theme 5: New and Emerging Exploration Basins	Geological Modeling and Reservoir Characterization of Deep-Water Systems Theme 6: Deep-Water Exploration and Production: Opportunities and Challenges	Lithofacies, Diagenesis, and Reservoir Quality Theme 2: Conventional Reservoirs
	14:10–15:55	Basins From Rest of the World Theme 5: New and Emerging Exploration Basins	Heavy Oil, Ultra Heavy Oil, and Tar Sand Theme 3: Unconventional Reservoirs	Thermal Histories, Heat Flow, and Thermal Indicators Theme 7: Petroleum Systems, Basin Modeling, and Risk Analysis	Integration for Facies Characterization Theme 9: Integration of Geophysics With Geology	YPS Symposium: Crossword Puzzle Competition
Wednesday	16:35–18:20	Integration to Mitigate Uncertainty Theme 9: Integration of Geophysics With Geology	Open Panel Discussion: Transforming the Petroleum Industry and Adding Value Through a Globally Diverse Workforce	Hydrocarbon Seeps and Chemical Composition Theme 7: Petroleum Systems, Basin Modeling, and Risk Analysis	Mobile Substrate and Related Traps Theme 8: Tectonics, Basin and Trap Formation	Business and Regulatory Environment Theme 13: Business and Regulatory Environment
	09:00–10:45	Special Session: Business and Regulatory Environment	Plate Tectonics Theme 8: Tectonics, Basin and Trap Formation	Dynamics of Source Rock Theme 7: Petroleum Systems, Basin Modeling and Risk Analysis	Reservoir Characterization and Uncertainty Quantification Theme 9: Integration of Geophysics With Geology	Real Time Analysis and Well Planning Theme 12: Innovation and Technology
	11:25–13:10	Special Session: E&P and the Environment We Live In	Basin Scale Tectonics and Structural Play I Theme 8: Tectonics, Basin and Trap Formation	Basin Analysis & Petroleum System Elements Theme 7: Petroleum Systems, Basin Modeling and Risk Analysis	Advancement in Reservoir Characterization Theme 9: Integration of Geophysics With Geology	Advancement in Seismic Technology Theme 12: Innovation and Technology
	14:10–15:55	Panel Session: Super Basins Forum: Africa and Middle East: Big Basins, Big Successes and More to Find	Basin Scale Tectonics and Structural Play II Theme 8: Tectonics, Basin and Trap Formation	Special Invited Session Ground Water and Hydrogeology	Basin Analysis & Petroleum System Elements II Theme 7: Petroleum Systems, Basin Modelling and Risk Analysis	Advancement in Formation Evaluation and Characterization Theme 12: Innovation and Technology
Wednesday	16:35–18:20	Panel Session: Super Basins Forum: Africa and Middle East: Big Basins, Big Successes and More to Find	Seals and Fractures Theme 8: Tectonics, Basin and Trap Formation	Deriving Value by Integration of Geosciences Theme 10: Deriving Value by Integration of Geosciences	E&P and the Environment We Live In Theme 14: E&P and the Environment We Live In	Innovation in Petroleum System Analysis Theme 12: Innovation and Technology

POSTER SESSIONS AT A GLANCE

Monday	Tuesday	Wednesday
Theme 2: Conventional Reservoirs	Theme 2: Conventional Reservoirs	Theme 7: Petroleum Systems, Basin Modeling, and Risk Analysis
Theme 3: Unconventional Reservoirs	Theme 3: Unconventional Reservoirs	Theme 8: Tectonics, Basin and Trap Formation
Theme 4: Exploration and Production in Mature Basins	Theme 5: New and Emerging Exploration Basins	Theme 9: Integration of Geophysics With Geology
Theme 5: New and Emerging Exploration Basins	Theme 7: Petroleum Systems, Basin Modeling, and Risk Analysis	Theme 10: Deriving Value by Integration of Geosciences
Theme 6: Deep Water Exploration and Production: Opportunities and Challenges	Theme 9: Integration of Geophysics With Geology	Theme 12: Innovation and Technology
		Theme 13: Business and Regulatory Environment



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MONDAY

TECHNICAL PROGRAM

Technical Program as of 22 October 2018

Monday Morning Oral

Global Executive Plenary – Global Energy Supply and Demand: Where Does the Road Lead?

Auditorium 2 (Elephant Room)

Moderator: Keith Myers

Time: 09:00–09:50

- ▶ **Liz Schwarze**, Vice President, Global Exploration, Chevron
- ▶ **Don Bagley**, Vice President, Business Development, ExxonMobil Exploration Company
- ▶ **Chris Moyes**, President, Moyes and Co.
- ▶ **Bongani Sayidini**, Acting Vice President – New Ventures Upstream, PetroSA
- ▶ **Phil Davey**, Senior Vice President, WesternGeco

Africa Executive Plenary – Capitalizing on Africa's Success; Energy for Economic Prosperity

Auditorium 2 (Elephant Room)

Moderator: Jeff Aldrich

Time: 09:50–10:45

- ▶ **Olalekan Akinyanmi**, Chief Executive Officer, LEKOIL Limited
- ▶ **Maikanti Baru**, Group Managing Director, NNPC
- ▶ **ND Maduemezia**, Vice President and General Manager, Sub-Saharan Africa, Schlumberger

Special Session: The Increasing Importance of Gas

Auditorium 2 (Elephant Room)

Moderator: Nosa Omorodion

Time: 11:25–13:10

- ▶ **Nosa Omorodion**, Director, NOCs / Nigerian Independents, Schlumberger
- ▶ **Omar Mitha**, Chairman, ENH
- ▶ **Niall Kramer**, Chief Executive Officer, South Africa Oil and Gas Alliance (SAOGA)
- ▶ **Olalekan Akinyanmi**, Chief Executive Officer, LEKOIL Limited

Mapping Unconventional Reservoirs

Roof Terrace (Rhino Room)

Co-Chairs: A. Mubarak and J. Ferrand

- 11:25 **Introductory Remarks**
- 11:30 **An Efficient Workflow for Geological Characterization in Unconventional Reservoirs From a New Through-the-Bit Logging Electrical Micro-Imaging Tool:** S. Yang, J. Kherroubi, A. He, T. Yamada
- 11:50 **Monitoring Hydraulic Fracture Volume Using Surface to Borehole EM and Conductive Proppant:** G. M. Hoversten, C. Schwarzbach
- 12:10 **Emerging Unconventional Resource Plays in the Onshore Gulf of Mexico: Assessing Agua Nueva and Tuscaloosa Play Potential:** C. Yallup, A. D. Bromhead

- 12:30 **Dip Sequence Analysis Utilizing Statistical Curvature Analysis: A Case Study on Complex Strata of the Late Middle Miocene Formation in Akita Basin, Onshore Japan:** S. Parashar, I. Wu*, M. Iyer, H. Komatsu, S. Shimada
- 12:50 **Assessing the Shale Gas Potential of the Southern Main Karoo Basin, South Africa:** Z. Mowzer, S. Adams*

Reservoir Characterization in Well Placement and Geo-Steering

Meeting Room 2.6 (Lion Room)

Co-Chairs: J. Almeida De Carvalho and M. Thagafy

- 11:25 **Introductory Remarks**
- 11:30 **Automated Well Placement and Well Controls Optimization for Improved Hydrocarbon Production and Field Development Planning: Deep-Water Reservoir Case Study:** A. Kuznetsova, I. Campbell, D. Eydinov, A. Diaz
- 11:50 **Modeling the Genesis of Aptian Pre-Salt Deposits in Brazilian Basins:** D. Oliveira, A. J. Park*, L. F. De Ros
- 12:10 **Innovative Real-Time Well Monitoring and Integration of Multiple Data Sources for Reducing the Uncertainty and Informed Decision Making:** C. Pattnaik, V. Kidambi, S. N. Rao, M. Al-Dousiri, Q. Dashti
- 12:30 **Characterization of Fluid Composition While Drilling to Aid Horizontal Well Placement in an Oil Rim Reservoir:** A. Maguire, G. Abdrahman, A. Fernandes, I. Fornasier
- 12:50 **Ultra-Deep Resistivity Boosts Geosteering for Reservoir Targeting:** S. Komies, A. Marsala*, M. Badawy, A. Taher

Sequence Stratigraphy: E&P Tool

Meeting Room 1.61 & 1.62 (Leopard Room)

Co-Chairs: C. Geel and K. Trivedi

- 11:25 **Introductory Remarks**
- 11:30 **Sequence Stratigraphic Interpretation of the Baqa and Uqlah Members at the Post Glacial Ordovician-Silurian Boundary in Saudi Arabia:** S. Alshahrani, R. Zuhlke, A. Alghuraybi
- 11:50 **The Application of Bioevent for Refining Stratigraphic Correlation: An Example for Baram Field, West Baram Delta, Sarawak, Malaysia:** S. Hasan, H. H. Ismail, M. F. Abdul Kadir
- 12:10 **High Resolution Sequence Stratigraphy and its Implication in Mixed Siliciclastic Carbonate Sequences: A Case Study From Early to Middle Eocene Sylhet Formation, Assam and Assam-Arakan Basin, India:** S. Chakrabarty, D. Gorai, M. Shukla, S. Uppal
- 12:30 **Lithofacies, Biostratigraphy, and Sequence Stratigraphic Characterization of #4 Well, Greater Ughelli Depobelt, Niger Delta Basin, Nigeria: Implications for Hydrocarbon Exploration:** J. K. Raji, A. Adebawale*, A. O. Reginald, A. Ibitoye, A. A. Amoyedo
- 12:50 **New Stratigraphic Play Discovery Using Integration Method From Detailed Core-Log Facies Analysis and Seismic Attribute Mapping in Central Arjuna Sub-Basin, Northwest Java Basin:** R. A. Pritama, R. Ismail, T. Tasiyat, M. Natsir, T. E. Putra



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MONDAY TECHNICAL PROGRAM

History of Petroleum E&P in Africa

Meeting Room 1.63 & 1.64 (Buffalo Room)

Co-Chairs: A. Dippenaar and M. Wood

- 11:25 **Introductory Remarks**
- 11:30 **"New Ideas in Old Places:" The Continuous Rejuvenation of Hydrocarbon Exploration in the Eastern Mediterranean Province (Nile, Levantine), From Abu Madi to Zohr:** L. Meciani, F. Lottaroli
- 11:50 **Jubilee to Liza: Lessons From a Decade of Exploration in the Central Atlantic:** K. Myers, H. Doran, E. Zanella, J. A. Collard
- 12:10 **South Gabon Shallow Water Pre-Salt Play Creaming Curve Revival:** K. Rodriguez, N. Hodgson*
- 12:30 **Giant Discoveries in the Deep Offshore of the Gulf of Guinea: 1987–1997 and Beyond:** A. Coajou, E. Insalaco
- 12:50 **Storytelling of the AMENAM Oil and Gas Discovery (Offshore Niger Delta):** E. Ikelionwu, J. BIE, M. Egbosimba, T. Duze, D. Ndefo, J. P. Durand*

Monday Afternoon Oral

Joint AAPG and AIPN Panel – Operator Responsibilities: Beyond the Expected

Auditorium 2 (Elephant Room)

14:10–15:55

- ▶ **Francisco Simão**, Vice President, Legal Affairs, BP Angola
- ▶ **Oliver Quinn**, Director - Exploration and Africa, Ophir Energy
- ▶ **Diederick Bax**, New Business Development & Commercial Manager, Shell

Oil From Shales and Carbonate Mudstones

Roof Terrace (Rhino Room)

Co-Chairs: C. Chukwuka and S. Davids

- 14:10 **Introductory Remarks**
- 14:15 **Saturation Isn't What it Used to Be: Towards More Realistic Petroleum Fluid Saturations and Produced Fluid Compositions in Organic-Rich Unconventional Reservoirs:** A. S. Pepper, S. Perry, K. Jerath, L. Heister
- 14:35 **Insights Into Reservoir Dynamics of the Montney Formation From Analysis of Flowback and Produced Fluids, Petrophysics, and Fluid Compatibility Modeling:** R. M. Bustin, J. Owen, A. Bustin
- 14:55 **The Evolutional Characteristics and Quantitative Prediction of Tight Oil Saturation: Evidence from Physical Modeling of Oil Charging in Tight Reservoirs and X-ct Screening:** X. Ding, M. Zha, A. Imin
- 15:15 **Shale Hydrocarbon Characterization of North Sumatra Basin, Indonesia: Revealing New Reserves of Non-Conventional Shale Hydrocarbon:** R. N. Hakim
- 15:35 **Geochemical Characterization and Petroleum Source-Rock Potential of Fika Formation Tuma-1 Well, Chad Basin, Nigeria:** T. A. Adedosu, G. Ogunbesan

Reservoir Characterization and Modeling I

Meeting Room 2.6 (Lion Room)

Co-Chairs: A. Durogbitan and S. Nwoko

- 14:10 **Introductory Remarks**
- 14:15 **Formation Water and Residual Gas Analysis of Some Reservoirs in the Deep-Water Offshore Mozambique: Insights on Burial History and Field Compartmentalization:** A. Luciani, P. Cardola, C. Benvenuti, P. Scaglioni
- 14:35 **Complex Geological Modeling and Quality Assurance Using Unstructured Grids:** S. Harris, S. Santoshini, S. Kashem, T. Viard, A. Levannier, A. Benabbou
- 14:55 **Forward Depositional Modeling of Stacked Delta Systems (Early Cretaceous, Saudi Arabia):** R. Zuhlke, C. S. Sun, P. A. Crisi, N. A. Michael, A. Garg

- 15:15 **Understanding Complex Fluid Contacts Through Integration of Seismic and Pressure Data With Well Information: A Case Study of Deep Carbonate Reservoirs of Kuwait:** V. Kidambi, C. Pattnaik, S. N. Rao*, B. Al-Qadeeri, N. Al-Ajmi, A. Al-Hammadi, Q. Dashti
- 15:35 **Examples of Field Development Optimization Based on Joint Solution of Fluid Dynamics and Geomechanics on Common Model Grids:** K. Bogachev, S. Hinnneh*, O. G. Malinur

New Plays and New Approaches

Meeting Room 1.61 & 1.62 (Leopard Room)

Co-Chairs: G. Brink and F. Veenstra

- 14:10 **Introductory Remarks**
- 14:15 **Multidisciplinary Approach in Tight Oil Appraisal: A Case Study From Barmer Basin:** C. Saha, S. Konar, A. Bora, P. Kumar, A. Dhanasetty, P. Majumdar, P. Shankar
- 14:35 **Illuminating the Geology of Super Basins: The Next Big Thing for Exploration?:** O. E. Sutcliffe, M. Treloar, D. Slidel, M. Simmons
- 14:55 **Developing Tight Gas in a Mature Basin – United Kingdom North Sea:** P. Barrett, E. Syba
- 15:15 **High-Resolution Sequence Stratigraphy of Fluvial Deposits of Potiguar Basin, Northeast Brazil: A Tool for Improving Hydrocarbon Production and Reserves:** A. H. Melo, A. C. Magalhães, D. G. Frago, M. C. Menegazzo, C. P. Florencio, F. P. Lima-Filho, M. Rosado before F. P. Lima-Filho
- 15:35 **New Plays and New Reservoirs – Reviving Untapped Potential in the Northern Malay Basin, Southern Gulf of Thailand:** M. Bin Ali, J. Skulsangjuntr, D. C. Barr*, V. L. Cathey, R. Rahadi

Mediterranean Region Basins

Meeting Room 1.63 & 1.64 (Buffalo Room)

Co-Chairs: L. Meciani and F. Nader

- 14:10 **Introductory Remarks**
- 14:15 **Petroleum Potential of the Herodotus Basin: Application of Regional Analogs to Predict Plays and Reduce Risk:** S. Stanton, D. Macgregor
- 14:35 **Defining New Exploration Play Potential in the Offshore Sirt Basin, Libya, Using Mega-Regional 2-D Seismic Data:** L. D. Fullarton, E. C. Gillbard, K. G. McDermott, P. Bellingham
- 14:55 **The Way Forward in Developing the Hydrocarbon Resources of the Levant Basin, Offshore Israel:** M. Gardosh
- 15:15 **Seismic Geomorphology of Submarine Channel-Belt Complexes in the Pliocene Succession of the Levant Basin, Offshore Central Israel:** Y. Niyazi, N. Waldman*
- 15:35 **A Newly Discovered Giant Early Mesozoic Dome in the Prolific Levant Basin, Eastern Mediterranean:** Y. Folkman, Y. Ben-Gai

South Atlantic Basins

Auditorium 2 (Elephant Room)

Co-Chairs: A. Gelmetti and N. Waldman

- 16:35 **Introductory Remarks**
- 16:40 **The Underexplored Shelf-Edge Plays of the West Africa Transform Margin: A Play Opening Case Study on Merged 3-D Seismic and Well Datasets Through Togo, Benin, and Western Nigeria:** M. Tyrrell, M. Martin, B. Biaou
- 17:00 **Asymmetric Conjugate Volcanic Margins of the South Atlantic: A Result of Variable Seaward Dipping Reflector Domain Accretion:** K. R. Reuber, P. Mann, J. Pindell
- 17:20 **Post-Rift Potential Source Rock Correlations and Prospectivity of the Deep Atlantic Conjugate Margins, South of the Walvis Ridge:** I. Davison
- 17:40 **Benchmarking, Calibrating, and Validating Exploration Prospects in Offshore Ghana Using Global Field/Reservoir Analogs:** S. Wu, J. Faroppa*, G. Treadgold, S. Sun
- 18:00 **Conjugate Margin Chronostratigraphy – Comparison of Cretaceous-Tertiary Petroleum Systems in Namibia and Uruguay:** B. W. Horn, K. McDonough, K. R. Reuber, K. G. McDermott, F. W. Brouwer

MONDAY TECHNICAL PROGRAM

Rock Properties Characterization in Unconventional Reservoirs

Roof Terrace (Rhino Room)

Co-Chairs: A. Mubarak and B. Sayidini

- 16:35 **Introductory Remarks**
- 16:40 **Analogizing – Hybrid Reservoirs Reservoir Engineering and Production Best Practices:** H. P. Menon, R. Hull
- 17:00 **Successful Production of Tight Sands (Cretaceous) in “Block I” and New Opportunities of Development in “Block IV” – Talara Basin, Peru:** A. J. Jimenez
- 17:20 **Lithofacies Controls on Natural Fracture Distribution in the Qusaiba Shale, Rub’ Al-Khali Basin, Saudi Arabia:** A. Mustafa, A. Abdulraheem, A. Sahin, G. Korvin
- 17:40 **Pore Structure, Wettability, and Tracer Migration in Four Leading Shale Formations in the Middle Yangtze Platform, China:** R. Yang, S. He, Q. Hu
- 18:00 **Characteristics of Organic Matter Graphitization in Over-Mature Lower Paleozoic Marine Shales, South China:** Y. Hou, K. Zhang, L. Wu, S. He, W. Qin, Y. Xiao

Reservoir Characterization and Modeling II

Meeting Room 2.6 (Lion Room)

Co-Chairs: B. Cronin and S. Nwoko

- 16:35 **Introductory Remarks**
- 16:40 **Multidisciplinary Characterization of a Polyphasic Albian Karst, Campos Basin, Brazil:** Y. Backheuser, C. Rodrigues de Araujo Correa, R. Herlinger Junior, I. Alves Seifert, E. Ambrosini Thedy
- 17:00 **Depogrid: Next-Generation Unstructured Grids for Accurate Reservoir Modeling and Simulation:** S. Santoshini, S. Harris, A. Levannier, S. Kashem, T. Viard, A. Benabbou, L. Mace
- 17:20 **Planning a Waterflood Project in a Mature Oilfield: Phase-1 Development Plan by Integrating Static and Dynamic Modeling of Belimbing Field, Indonesia:** G. S. Titaley, R. Wicaksono, A. W. Bachtiar, Y. Wismoyo, A. F. Muslim, K. Balagadi
- 17:40 **New Approaches for Geological Uncertainties Handling in Reserves Estimation for Greenfield in South Vietnam Shelf:** T. Baranov, G. Fedorchenko, V. Terentev, A. Galimova, S. Gusev, G. Sansiev
- 18:00 **A Novel Approach of Integrated Reservoir Characterization and Advanced High-Resolution Geocellular Modeling: A Case Study of the Maaddud Carbonate Reservoir, Sabriyah Field, North Kuwait:** H. I. Ismail

Opportunity to Get More From Brown Fields

Meeting Room 1.61 & 1.62 (Leopard Room)

Co-Chairs: C. Chukwuka and N. Robertson

- 16:35 **Introductory Remarks**
- 16:40 **Depositional Control on Reservoir and Production Performance of a Mature Field Onshore Niger Delta: Implication for Work-Over and Infill Drilling:** E. Benard, S. Charles, A. Awujoola, M. Akamadu, N. Obioha, A. Isah, S. Abidoye, O. Badmus
- 17:00 **Forming Conditions, Types, and Characteristics of Lithological Reservoirs in Melut Basin: Implications for Hydrocarbon Exploration in Mature Rift Basins of Africa:** Z. Shi, G. Wang
- 17:20 **Assessment of Subsurface Risk Uncertainties Associated With Typical Near-Field Exploration Prospects, Block 9, Bredasorp Basin, Offshore South Africa:** V. Godongwana, A. Sigidle
- 17:40 **Evaluating Missed Pay Factor of Matured Fields:** P. Abangwu
- 18:00 **Reviving a Mature Field: Fluid Detection in Frequency-Broadened Seismic Data Through Rock Property De-Trending:** X. E. Refunjol

Young Professionals and Students Symposium: Young Professionals vs. Establishment; Next Generation of Energy Finders

Meeting Room 1.63 & 1.64 (Buffalo Room)

Moderators: Jeff Aldrich and Oge Modie

Time: 16:35–18:45

- **Andrea Moscariello**, Reservoir Geology and Basin Analysis Professor, University of Genoa
- **Roland Ndombi**, Recruiting Manager, Sub-Saharan Africa, Schlumberger
- **Ademola Lanisa**, Reservoir Geophysicist, Total
- **Julian Chenin**, Associate Geoscientist, Bluware
- **Claire Geel**, Geoscience PhD, University of Cape Town
- **Eman Yami**, Group Leader, Exploration, HR Group, Saudi Aramco
- **Tunbosun Afolayan**, Shell, AAPG Africa Region Student Chapter Coordinator

Monday Poster Sessions

Exhibit Hall 3 9:00–18:20

Presenters in Their Booths:

10:00–11:30 and 15:10–16:40

Conventional Reservoirs I

- P1 Diagenetic History and Its Effect on Reservoir Quality and Reservoir Characterization of Sandstone Sequences of Matulla Formation, October Field, Gulf of Suez, Egypt:** A. Kassem
- P2 Reservoir Quality Analysis: Case Study of the Orange Basin, Offshore South Africa:** N. Dominick, N. Waldman, O. Momonitu
- P3 Modeling a Low Net-to-Gross Complex Fluvial Reservoir – A Case Study From Aishwariya Field, Barmer Basin, North-West India:** C. S. Rautela, N. Boruah, G. Mukhopadhyay, A. Singh, A. Gupta, V. Shankar, V. Kothari
- P4 The Value of Integrated Borehole Image Analysis to Refine Geological Models: An Example from the Greater Burgan Field, Kuwait:** B. Al-Enezi, O. Al-Shammari, J. Filak, F. Al-Mahmeed, B. Kostic, N. Foote
- P5 Integration of Petrographic and Petrophysical Analyses to Characterize Reservoir Quality of Lower Cretaceous Sediments in the Orange Basin, Offshore South Africa:** M. Magoba
- P6 A 3-D Fault Seal Analysis Study Conducted in the Ibhubesi Gas Field Offshore the West Coast of South Africa:** N. Msezane
- P7 Geochemical Characteristics and Origin of the Lower Paleozoic Gas in the Tazhong Uplift, Tarim Basin:** J. Shi, J. Li, Z. Shi, B. Cheng, L. Xue, L. Ma
- P8 Potential Stratigraphic-Diagenetic Traps in the Upper Jurassic Massive Dolomitized Formations, Northeastern Saudi Arabia: Insights From Integrated Geologic and Forward Diagenetic Modeling:** Y. Xu, P. Lu, S. Zhang, M. AbuAli, W. Tan, D. Z. Tang
- P9 Brazil Santos Campos Widespread Chemogenic Lacustrine Carbonate Seismic Facies:** K. Rodriguez, N. Hodgson
- P10 Complementary Structural Analysis of Channelized Turbidites in the Offshore Niger Delta: Integration of 3-D Seismic Data, Inversion of Extra-Deep Azimuthal Resistivity Data, Gamma and Density Borehole Images:** C. N. Ndokwu, S. Morris, J. Paludan, V. Okowi, O. Olagundoye, N. Umoren, O. Ndefo, A. Delpeint, A. Agbejule, R. Ideozu
- P11 Tail Gas Commercialization of Mature Gas Field in Southeast Sumatra PSC, Indonesia: An Economic Review of Gross Split PSC vs Cost Recovery PSC:** V. Indrasatwika, R. L. Djauhari
- P12 Oil-Base Mud Filtrate and Hydrogen Index Effects on Magnetic Resonance Porosity in Gas Reservoirs:** S. Oifoghe
- P13 A New Method to Match Trajectories of a Horizontal Well in Time Domain and in Depth in an Ancient Buried Hill:** Z. Lv, G. Li, J. Wen, S. Wang, T. Wang, J. Wu*

* Denotes presenter is other than first author

MONDAY TECHNICAL PROGRAM

Unconventional Reservoirs I

- P14 **Three Formations are Responsible for Surge in Permian Basin Crude Oil Production, U.S.A. — EIA Expects Permian Region Oil Production to Reach Record High in 2018:** O. Popova
- P15 **The Coalbed Methane Resource Potential of the Ermelo Coalfield, South Africa:** X. X. Schalkwyk
- P16 **Sedimentary Environment Differences of Ordovician Wufeng-Silurian Longmaxi Shale in China and Their Effects on Production — A Case Study of Weiyuan Shale Gas Field:** F. Liang, Q. Zhang
- P17 **A Change in Formation Evaluation Strategy to Enable Making Key Investment Decisions Faster:** G. Sibbald, R. W. Malada*, I. Whyte
- P18 **Connectivity, Wettability, and Tortuosity of Leading Chinese Shales:** Q. Hu, R. Yang, M. Sun, J. Zhao, Y. Zhang, W. Zhou
- P19 **The Reconstruction Method of Density Curve of the Tight Limestone Reservoir in Da'anzhai Member:** J. Tian, H. Liu, Y. Sun
- P20 **Endangered Wildlife on South Africa's Unconventional Shale Gas Exploration and Extraction:** A. Kazerouni
- P21 **Shale Gas Assessment of the Southern Main Karoo Basin in South Africa:** S. Adams
- P22 **Pore Connectivity and Wettability of Typical Shales in South China: Small Angle Neutron Scattering Study:** M. Sun
- P23 **Diagenesis and its Impact on the Reservoir Quality of Low Permeability Reservoirs: A Case Study of Eocene Liushagang Formation of Wushi Depression, Beibuwan Basin, the South China Sea:** Y. Xu
- P24 **The Direct Indicators for Predicting Gas Hydrate Occurrence in the Deep-Water Areas of Vietnam Continental Shelf:** H. T. Nguyen
- P25 **Basement Reservoir: Understanding the Interplay of Stresses, Fractures, and Mineralogy with Well-Logs:** C. Shrivastava
- P26 **Uncover the Mystery of Lacustrine Shale Oil Reservoir by Integrating Advanced Logging Technologies and Special Core Measurements — Case Study of Chang 7-3 Shale Oil Reservoir, Erdos Basin, China:** Y. Hou, G. Liu, J. Wu*, J. Song, X. Zhao, D. Yu, S. Li, H. Li, H. Wu

Exploration and Production in Mature Basins

- P27 **Sed-Volcanic Clastic Rock Reservoir Characterization and its Significance in Oil and Gas:** G. Yang, G. Sun, S. Li, K. Gao, H. Ji, J. Wu*, M. Shao
- P28 **Depositional Environment and Petrophysical Characteristics of Reservoir Sand; A Case Study of Niger Delta, Nigeria:** U. P. Adiola
- P29 **Reservoir Modeling Using Seismic Attributes and Well Log Analysis: A Case Study of Niger Delta, Nigeria:** U. P. Adiola
- P30 **Paleoenvironmental and Sequence Stratigraphic Studies of the D7.000 Sand, 'EME' Field, Niger Delta, Nigeria:** U. P. Adiola
- P31 **Tectono-Stratigraphy and Sedimentary Infill Characteristics of Xujiahe Formation in Western Sichuan Foreland Basin:** J. Liu, D. Sun
- P32 **Effect of Clay Minerals in Oil and Gas Formation Damage Problems and Production Decline: A Case Study, Gulf of Suez, Egypt:** A. Radwan
- P33 **The Achievement of Petroleum Exploration in Mature Basins of Eastern China:** W. Yanqi, G. Zhang, K. Weili*, H. Tongfei
- P34 **The New Stratigraphic Play of Ciputat Sub Basin, Indonesia: The Integrated Seismic Sequence Stratigraphic Analysis:** T. E. Putra, R. Ismail, R. A. Pritama, M. Natsir
- P35 **Cementation Characteristics and Pore-Forming Evolution of Clastic Reservoirs in the Saline Lake Basin:** Y. Wang
- P36 **Sanding Problems in Injection and Production Wells of Waterflood Projects:** M. Amani
- P37 **Reducing Reservoir Uncertainty in Mafumeira Field Development:** J. F. Neto, M. Hoehn
- P38 **The Main Geological Factors Controlling the Production Capacity of Carbonate Reservoir in North Truva, Kazakhstan:** D. Zhang, H. Su, Z. Fan
- P39 **Genesis of Lacustrine Carbonate Breccias and Their Implications for Hydrocarbon Exploration in Yingxi Region, Qaidam Basin:** Y. Wang
- P40 **Mineral Composition and Total Organic Carbon Content of the Channel and Floodplain Sediments of the Swartkops Estuary, Port Elizabeth, South Africa:** S. G. Ndiobu

- P41 **Discovery of Sandy Beach-Bar and its Significance on Petroleum Geology Around Ruman Buried Hill of Melut Basin, South Sudan:** B. Chen, Z. Shi, L. Xue
- P42 **Innovations of Complex Geology in Mature Basin "Talara" (More Than 100 Years of Development) to Generate Viable Projects in Block 4 — Peru:** A. J. Jimenez
- P43 **Sequence Stratigraphic Analysis of 'AB' Field in the Niger Delta, Nigeria, Using Well Logs and Seismic Data:** S. Mepaiyeda
- P44 **Petroleum Geology and Hydrocarbon Potential of a Syn-Rift Basin Infill in the Diourbel-Thies Area, Onshore Senegal:** M. Ndiaye, A. Moscariello*, S. Omodeo Salé, L. Guglielmetti, C. Strobbia, J. Medou
- P45 **Comparing and Contrasting the Onshore and Offshore Components of the Gamtoos Basin from Petrography, Lithostratigraphy and Facies Analysis, South Coast of South Africa:** S. Mokele

New and Emerging Exploration Basins I

- P46 **Analogues Provide Insight into Cretaceous Deep-Water Clastic Systems on the Irish Atlantic Margin:** K. Hernon, C. Morgan, K. English, M. Hanrahan
- P47 **Seismic Architecture of Outer Shelf Canyon Segments in the Lüderitz Basin, Offshore Namibia:** A. W. Wanke, R. Toirac-Proenza
- P48 **Onshore to Offshore in the South Atlantic: Insights From Outcrops for New Plays Along the Continental Margins:** K. Lamb, R. Crossley
- P49 **Description of a Major Addition to the Central African Rift System (CARS) Located in the Central African Republic (CAR), Republic of Congo (ROC), and Democratic Republic of Congo (DRC):** G. Penfield, M. Kidwai, P. Portolano, A. Cipa, A. Brown, J. Borgomano
- P50 **Evaluation of the Hydrocarbon Potential of the Inland Basins of Nigeria — An Example of an Integrated Geological, Geophysical, Geochemical, and Remote Sensing Study of Frontier Basins:** M. Bako, Z. Berger*, H. Ohen, L. Clavereau
- P51 **Play Analysis of the Natal Valley and Durban Basin, Off the East Coast of South Africa:** J. Salomo, A. Fielies

Deep-Water Exploration and Production: Opportunities and Challenges

- P52 **The Congo-Gabon Source-to-Sink Project: Characterization of the Volume and Nature of the Cretaceous to Cenozoic Clastics Produced on the Uplifted Onshore Erosion Surfaces and Transported Offshore:** V. Delhaye-Prat, M. Guiraud
- P53 **Submarine Canyons: Key Features to Derisk Deep Sea Exploration:** V. Delhaye-Prat, C. Huguen
- P54 **Sediment Budgets From Mass Balance Grain Size Trends, Wasia Formation, Saudi Arabia:** N. A. Michael, R. Zuhlke
- P55 **Deep-Water Hydrocarbon Exploration Potential in the Offshore Northwest Africa:** D. Wang, J. Yin
- P56 **Hybrid Turbiditic-Contouritic System Characterization and Modeling: Insight From an Integrated Source-to-Sink Study of the Plio-Pleistocene Series in the Corinth Rift (Greece):** S. Rohais, R. Rubi, D. Sakellariou, D. Granjeon, J. Schmitz, R. Deschamps, J. Lecomte, S. Bourquin, I. Moretti
- P57 **Analysis of Petroleum Systems and its Implication for Exploration in the Senegal Basin:** D. Wang, J. Yin*, N. Tian, K. Tian, L. Zhao
- P58 **Hydrocarbon Detection Seabed Surveying Using Microbial-Geochemical Exploration (MGCE) Technology Can Mitigate CO₂ Charge Risk Prior to Deep-Water Exploration Drilling:** H. Mei, H. Rebel*, Y. Liang, S. Deng, C. Hao
- P59 **Insights From a New Frontier Carbonate Exploration Play in the Deep-Water Agc Area, Offshore Senegal-Guinea Bissau:** D. M. Dutton, M. Bourne, A. Gillespie, L. Heaton, A. Litvin
- P60 **Maximizing the Value of Analogues in Deep-Water Reservoirs:** M. Mayall, J. Faroppa*
- P61 **Salt Mechanics and its Impact on Pre-Salt Reservoirs in the Santos Basin, Brazil:** H. Lebit, J. Tilton, N. Roy, P. Ollagnon, S. Arasanipalai, S. Opdyke

A large photograph showing two workers in blue uniforms and white hard hats standing on a yellow-painted metal deck of an offshore platform. They are looking at a document held by one of the workers. The background shows the complex steel structure of the platform, including railings, ladders, and various pipes, illuminated by bright yellow lights. To the right, a vertical section of the platform shows a large yellow pipe and more structural elements.



In 1927, Conrad and Marcel Schlumberger used their new electrical well logging technique to identify formations in the Pechelbronn oil field in the Alsace region of France—a first in the oil and gas industry. Today Schlumberger continues to innovate by introducing pioneering technologies delivered with technical expertise gained from decades of experience. From reservoir characterization and drilling to production and processing, we integrate multidisciplinary products and services to optimize hydrocarbon recovery and maximize production for our customers.

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TUESDAY

TECHNICAL PROGRAM

Technical Program as of 22 October 2018

Tuesday Morning Oral

Special Session: History of Petroleum E&P in Africa

Auditorium 2 (Elephant Room)

Moderators: Charles A. Sternbach and Adebayo Akinpelu

09:00–10:45

- ▶ **Justin Cochrane**, African Upstream Regional Research Head, IHS Markit
- ▶ **Kehinde Ladipo**, Senior Exploration Advisor, LEKOIL Limited
- ▶ **Keith Myers**, President, Research, Westwood Global Energy Group

Tight Gas Sand Reservoir

Roof Terrace (Rhino Room)

Co-Chairs: A. Dippenaar and R. Hull

- 9:00 **Introductory Remarks**
- 9:05 **Case Study of a Tight Gas Reservoir Offshore South Africa: Its Significance in Exploration and Exploitation:** G. M. Robles Hurtado, C. Rose*, O. El Saadi
- 9:25 **Maturation of Paleozoic Unconventional Gas:** F. Lu
- 9:45 **Fractures Characteristics and Quantitative Evaluation of Ultra-Deep Tight Sandstone Reservoir in Kuqa Depression, Tarim Basin, Northwest China:** C. Ge, W. JunPeng
- 10:05 **Implementation of an Exploration Workflow to Characterize a Low Poro-Perm Gas-Bearing Prospect Using Rock Physics Depth Trends to Assist Avo Classification:** J. I. Adrian
- 10:25 **The Effect of Reservoir Characteristics on Productivity and Production Forecasting of Montney Shale Gas in Canada:** G. Kim, H. Shin*, H. Lee

Southern African Basins

Meeting Room 2.6 (Lion Room)

Co-Chairs: D. Van der Spuy and M. Wood

- 9:00 **Introductory Remarks**
- 9:05 **Oil Prospectivity of Deep Water Turbidites in the Walvis Basin, Magmatic Margin Offshore Namibia:** A. Intawong, N. Hodgson*, K. Rodriguez, V. Sibeya
- 9:25 **3-D Architecture of Cretaceous Channel Systems in the Northern Orange Basin, Offshore South Africa:** L. J. Esterhuizen, J. Salomo, C. Van Bloemenstein, A. Fielies
- 9:45 **Hydrocarbon Potential of the Walvis Basin, Offshore Namibia:** U. Utjavari
- 10:05 **A Revised Interpretation of Argentina's Offshore Austral and Malvinas Basins and Petroleum Play Analysis:** K. R. Reuber, B. W. Horn, D. Allinson
- 10:25 **The Qualitative Assessment of Fractured Basement Reservoir Potential in Pletmos Basin, Republic of South Africa:** B. M. Msezane, A. Ravaglia, P. Dekker

Application of Geophysics to Explore and Develop in Deep-Water

Meeting Room 1.61 & 1.62 (Leopard Room)

Co-Chairs: T. Afolayan and J. Bouroullec

- 9:00 **Introductory Remarks**
- 9:05 **Accommodation, Sediment Supply, Deltaic Process Regime, and Their Controls on Deep-Water Sand Delivery: Insights From High-Resolution 3-D Quantitative Seismic Stratigraphy:** V. Paumard, J. Bourget, T. Payenberg, B. Ainsworth, S. Lang, H. W. Posamentier, A. D. George
- 9:25 **Hydrocarbon Prospectivity and Structure of the North Panama Deformed Belt: Observations From Regional Seismic Mapping:** A. Goswami, B. W. Horn*, J. Pindell, R. N. Erlich
- 9:45 **Seismic Expression of High Frequency Depositional Sequences Around the Globe – Implications for Lowstand Stratigraphic Traps, North Slope Alaska:** J. Hernandez, G. Brink
- 10:05 **CSEM Ranking of Transform Margin Prospects:** F. Roth, L. Berre*, S. Fanavoll, C. Thomas
- 10:25 **Depositional Systems in the Deep-Water Fold Belts of the Western GOM (U.S.A. and Mexico): Process, Geometry, and Implications for Provenance and Reservoir Development in the Paleogene:** C. A. Watkins, J. Koester, P. Marshall, P. Marshall, D. Carruthers, C. Milne, J. Huuse

Outcrop Analogs

Meeting Room 1.63 & 1.64 (Buffalo Room)

Co-Chairs: B. Cronin and U. Sattler

- 9:00 **Introductory Remarks**
- 9:05 **Impact of Seawater Chemistry on Modern Subtidal Carbonate Sediments: Al-Wajh Lagoon, Northern Red Sea, Saudi Arabia:** P. Birkle, D. Steinhaff
- 9:25 **An Outcrop-Based Integrated Reservoir Model of the Frontier Formation Hybrid Play in the Powder River Basin, Wyoming, U.S.A.:** M. H. Hofmann, N. La Fontaine, T. Le, T. Hoffman
- 9:45 **A Coastal Barrier-Spit System: An Alternative Depositional Model for the Kudu Gas Field, Namibia:** R. Swart
- 10:05 **Characteristics and Main Controlling Factors of Karst Caves in Keping Outcrops, Tarim Basin:** B. Li, Z. Weihai
- 10:25 **Synthetic Seismic Forward Modeling of Fluvial Outcrops From the Ebro Basin, Spain:** D. McClymont, R. Steele

TUESDAY TECHNICAL PROGRAM

Panel Session: Next Age Technology: Big Data, Big Success

Auditorium 2 (Elephant Room)

Moderators: Brian Horn and Thomas Obidairo

11:25–13:10

- ▶ **Khalid Al Zamil**, Administrator, Exploration & Petroleum Engineering Computer Center, Saudi Aramco
- ▶ **Tolulope Ewherido**, Vice President, Technical, ExxonMobil Exploration Company
- ▶ **Eric Hathon**, Director, Exploration, Cairn Energy

Unconventional Gas

Roof Terrace (Rhino Room)

Co-Chairs: A. Davids and A. Mubarak

- 11:25 **Introductory Remarks**
- 11:30 **Evaluating the Application of Natural Gas-Based Foamed Fracturing Fluid in Unconventional Reservoirs:** P. Pankaj, A. Phatak, S. Verma
- 11:50 **Diagenesis and Reservoir Properties of the Permian Eccu Group Sandstones and Mudstones in the Eastern Cape Province, South Africa: Implications for the Shale Gas Potential in the Karoo Basin:** C. Baiyegunhi, K. Liu, O. Gwavava, T. L. Baiyegunhi
- 12:10 **Nanopore Structure of Lower Cambrian Niutitang Shale in South of China: Insights From Gas Adsorption, MICP, and FE-SEM Analyses:** W. Yang, S. He, X. Yuan
- 12:30 **Emissivity Mapping of Onshore Sedimentary Basins for Hydrocarbon Exploration:** N. E. Pendock
- 12:50 **Thermally Induced Fractures in Coal, Balingian Province, Sarawak, Malaysia:** Y. Ali

East African Basins

Meeting Room 2.6 (Lion Room)

Co-Chairs: B. Koledoye and L. Meciani

- 11:25 **Introductory Remarks**
- 11:30 **Trap Formation by Turonian Sill Complexes in the Deep-Water Morondava Basin, Madagascar:** G. Tari, K. Hannke, G. Wilmot, I. Schretter, M. Bierbaumer, U. Sattler*
- 11:50 **Exploring in the Kerio Valley Basin, Southern Kenyan Rift: The Lakes, Lavas, and Prospectivity in a Magmatic Rift Basin:** R. Cowan
- 12:10 **Can Sea Surface Oil Slicks Confirm the Presence of an Active Hydrocarbon System in the Mozambique Channel?:** R. MacDonald, K. Rodriguez*
- 12:30 **Integrated Source Rock Evaluation Offshore Somalia:** H. Kearns, N. Hodgson*, K. Rodriguez, D. Paton, A. Hussein
- 12:50 **Axial Versus Marginal Sediment Systems in Rift Basin Settings:** L. Welcome, L. Wood, R. Gawthorpe

Geological Modeling and Reservoir Characterization of Deep-Water Systems

Meeting Room 1.61 & 1.62 (Leopard Room)

Co-Chair: B. Cronin

- 11:25 **Introductory Remarks**
- 11:30 **Entrenched Slope Channel Complex Systems: Reservoir Opportunities Through Understanding Architectural Element Distribution and Application to West Africa E&P:** B. Cronin
- 11:50 **Learnings From High Rate Water Injection in Deep-Water Slope Channel Complex and Frontal Splay Turbidite Reservoirs Offshore Ghana:** S. Sathyamoorthy, B. Cronin, E. Loudon
- 12:10 **Why is Everyone Excited About Deep-Water Sao Tome and Principe EEZ: The 4 Key Reasons Why This Has Been One of the Hottest Areas for Exploration in 2017:** M. Tyrrell, J. May, O. D'Abreu

- 12:30 **Controls on Depositional Architecture and Reservoir Quality of a Large Deep-Water Fan System Offshore South Africa: The Interplay of Provenance, Uplift, and Oceanic Processes:** C. P. Glover, E. Habgood, E. Shaw*, R. Crossley, K. Lamb, G. Schmitz
- 12:50 **Insights Into the Deep-Water of Côte d'Ivoire (West Africa):** N. Scarselli, G. Duval, J. Martin, K. McClay, S. Toothill

Lithofacies, Diagenesis, and Reservoir Quality

Meeting Room 1.63 & 1.64 (Buffalo Room)

Co-Chairs: S. Al Awwad and S. Nwoko

- 11:25 **Introductory Remarks**
- 11:30 **Fe-Chlorite Diagenesis Through Transport Reaction Modeling:** A. Ortenzi, C. Geloni, F. Gherardi
- 11:50 **Reservoir Evaluation: Vandji Formation of Berriasian-Valanginian Age in Lower Congo Basin:** N. Tukimin
- 12:10 **A New Method to Identify Lithofacies of Complex Lacustrine Carbonate Reservoirs via Log Data – A Case Study From Yingxi Oilfield of Qaidam Basin (Northwest China):** M. Tian
- 12:30 **Integration of the Effects of Bioturbation on Reservoir Quality Into Reservoir Modeling of CREEK Field, Niger Delta Petroleum Province:** C. A. Jackson, M. Oti, W. Mode, P. Osterloff, G. Pemberton
- 12:50 **Revealing the Complexity of Heterogeneous Volcaniclastic Facies of Middle Miocene Onnagawa Formation, Akita Basin, Japan:** I. Wu, S. Parashar, M. Iyer, H. Komatsu, S. Shimada

Tuesday Afternoon Oral

Basins From Rest of the World

Auditorium 2 (Elephant Room)

Co-Chairs: P. Dekker and P. McMellon

- 14:10 **Introductory Remarks**
- 14:15 **Rifting History and Magmatism West of Britain:** F. Walker, N. Schofield, M. Hole, J. Millett, M. Stewart
- 14:35 **Structural Styles and Hydrocarbon Prospectivity of the Ceduna Sub-Basin, Australia: Part Two:** A. Alghuraybi, M. Bunch
- 14:55 **Cretaceous and Cenozoic Deltaic Systems of North Chukchi Basin, East Arctic, Russia:** A. Medvedev, O. Makhova, V. Vinnikovskiy, A. Popova, N. Malyshev, V. Verzhbitsky, V. Obmetko, A. Borodulin, B. Ikhsanov
- 15:15 **Multi-Scale Volcanic Facies Characterization of Deccan Volcanic Complex in the Barmer Basin of Rajasthan: Implication for Exploration in a Flood Basalt Province:** A. Pandey
- 15:35 **Reducing Uncertainty Using Full Tensor Gradiometry in a Frontier Area: Case Study in a Fold-Thrust Belt System in Eastern Indonesia:** A. A. Kaswandi, F. Ferdian, C. Bellamy, C. Murphy

Heavy Oil, Ultra Heavy Oil, and Tar Sand

Roof Terrace (Rhino Room)

Co-Chairs: J. Egan and N. Robertson

- 14:10 **Introductory Remarks**
- 14:15 **Unlock the Potential of Tight Carbonate, Challenges and Mitigation, Maaddud Reservoir, Bahrah Field, North Kuwait, Kuwait:** S. A. Eisa
- 14:35 **Production of Highly Viscous Heavy Oil From an Infracambrian Reservoir Using Different Solvents/Steam Injection – A Case Study From India:** S. S. Deb, S. Mishra, D. Chandrasekharan, N. Hazarika*
- 14:55 **Petroleum Retention, Migration, and Expulsion in the Triassic Chang 7 Member in the Ordos Basin in China:** Y. Chen, S. Lin, B. Bai, S. Tao
- 15:15 **Source to Reservoir Correlation and Hydrocarbon Compositions of Oil Sand Deposits in Dahomey Basin, Nigeria:** S. Mohammed, O. Momonitu, S. Titinchi, M. B. Abubakar, T. Bata

TUESDAY TECHNICAL PROGRAM

Thermal Histories, Heat Flow, and Thermal Indicators

Meeting Room 2.6 (Lion Room)

Co-Chairs: N. Jukuda and B. Wygrala

- 14:10 **Introductory Remarks**
- 14:15 **Thermal Anomalies Across Africa: Causes and Effects on Petroleum Systems:** D. Macgregor
- 14:35 **A Multi-Method Approach to Reconstruct the Temperature History of a Triassic Sedimentary Sequence From Edgeøya, Norway:** B. G. Haile, T. G. Klausen, J. Jahren, A. Braathen, H. Hellevang
- 14:55 **Subsurface Temperature Prediction From Seismic Measurements: A 3-D Seismic Case Study From the Lüderitz Basin, Offshore Namibia:** A. Sarkar, M. Huuse
- 15:15 **Multiple Scenarios From Diverse Thermal Indicators: Contrasting Organic Versus Mineral-Based Methods for a Frontier Intracratonic Basin in the Canadian Arctic:** D. Lavoie, O. H. Ardakani, N. Pinet, J. Reyes, R. Dhillon
- 15:35 **Thermal Effect Evaluation of Basic Sill on Rhythmite of Taciba Formation (Permian), South of Brazil, Using RGB Measurements on Non-Opaque Phytoclasts:** M. S. Silva, L. D. Mouro, L. D. Vieira, B. L. Waichel

Integration for Facies Characterization

Meeting Room 1.61 & 1.62 (Leopard Room)

Co-Chairs: C. Chukwuka and A. Durogbitan

- 14:10 **Introductory Remarks**
- 14:15 **Geophysical Anomaly: A Novel Contribution to Integrated Geophysical Interpretation:** J. S. Lyrio, P. Menezes, J. Correa, A. Roessler Viana
- 14:35 **Identification of Lateral Facies Trends Using Seismic and Well Velocity Data, South Lokichar Basin, Kenya:** D. McClymont
- 14:55 **Application of Facies-Constrained Inversion Technology to Prediction of Lacustrine Carbonate Reservoir in Yingxi, Qaidam Basin (Northwest China):** C. Zhu
- 15:15 **A Practical Application of Data-Driven 3-D Automatic Fault Extraction for En Echelon Faults: A Case Study From Malay Basin:** T. Tengku Hassan, C. Lee*, J. Ting, J. P. Dominguez
- 15:35 **Fracture Characterization and Sweet Spot Mapping in Naturally Fractured Tight Carbonate Reservoir, Opening a New Play in Lower Indus Basin, Pakistan:** A. Asghar, Z. Hussain, S. Shah, T. Syed, A. Palekar

Integration to Mitigate Uncertainty

Auditorium 2 (Elephant Room)

Co-Chairs: A. Beaiji and J. Faroppa

- 16:35 **Introductory Remarks**
- 16:40 **Integrating Geological Understanding With Geophysical Techniques for Better Reservoir Characterization – A Case Study in Ravva Block:** A. Ghosh, H. Vardhan, S. Singh, S. Kejriwal, K. Sharma, B. C. Jha, H. Khandelwal
- 17:00 **Broadband Seismic for Improved Geosciences Integration and Increased End-User Value: Examples Through the E&P Asset Life With an Offshore Africa Focus:** C. Reiser
- 17:20 **Delineation of the Key Architectural Elements a Deep-Water Leveed Slope Channel Complex With Offset-Stacked Channel Elements, Tano Basin, Ghana: Development of an Integrated Geological and Geophysical Workflow for Reservoir Model Implementation:** D. P. Kelly, B. Cronin
- 17:40 **Lowering the Risk in Reservoir Fluid Prediction Through Multiscale Integration:** M. Bin Gubair, C. Ayadiuno
- 18:00 **Reservoir Characterization of a Basin Floor Fan System Using Rock Physics to Integrate Seismic Amplitude and Well Data, Offshore South Africa:** M. M. Mmemma

Hydrocarbon Seeps and Chemical Composition

Meeting Room 2.6 (Lion Room)

Co-Chairs: D. Dhont and N. Mulemi

- 16:35 **Introductory Remarks**
- 16:40 **Decoding Charge History in a Complex Paleozoic Petroleum System by Combined Gas Geochemistry and Fluid Inclusions:** P. Luo, K. Arouri
- 17:00 **Using Methane Seafloor Seepage Phenomena to Improve Uncertainty Quantification in Petroleum Systems Modeling:** M. C. Daszinnies, J. Knies, A. Plaza-Faverola, Ø. Sylta, S. Bünz, E. Valberg
- 17:20 **Geochemical Analysis and Origin of Gas in Volcanic Reservoirs in the Songliao Basin:** S. Tao, C. Li, W. Ma, J. Mi
- 17:40 **Surface Logging Combo: How Continuous Real-Time Isotopic Measurement Enhances the Mud Gas Interpretation Workflow:** B. Jacquet, D. Strapoc, S. Khan, O. Torres, E. Inan Villegas, H. Albrecht, B. Okoh, D. McKinney
- 18:00 **Underwater Gliders for Oil and Gas Exploration:** D. Dhont, P. Lattes, A. Vidal, D. Levaché, L. Beguery, V. DelMarro, F. Besson, V. Rochet

Mobile Substrate and Related Traps

Meeting Room 1.61 & 1.62 (Leopard Room)

Co-Chairs: T. Adedosu and A. de Lange

- 16:35 **Introductory Remarks**
- 16:40 **Salt Tectonics in the Sivas Basin (Turkey): Outstanding Seismic Analogs:** J. Ringenbach, J. Callot
- 17:00 **Fault Pattern in the Southern Campos Basin, Brazil: 3-D Seismic Insights and Implications for Albian Carbonates of the Macae Group:** U. M. Correia, A. C. Vidal
- 17:20 **Analog Models of Multi-Layer Brittle/Ductile Wedges and Comparison with Natural Examples:** J. Callot, J. Ringenbach
- 17:40 **Stratigraphic Architecture and Evolution of the Cretaceous Evaporites of the West African Margin, Insight From the Proximal Domain of the South Gabon, Congo, and Cabinda Area:** A. Pichat, V. Delhay-Prat, L. Gindre-Chanu, P. Wolff
- 18:00 **Research of the Cambrian Salt-Related Structures in Sichuan Basin:** A. Xu, S. Hu, Z. Wang, D. Bo, W. Liu

Business and Regulatory Environment

Meeting Room 1.63 & 1.64 (Buffalo Room)

Co-Chairs: S. Davids and P. Dekker

- 16:35 **Introductory Remarks**
- 16:40 **Mitigating Uncertainty in Regulations for Investments in South Africa:** S. Naidoo
- 17:00 **"Look at Situations From All Angles and You Will Become More Open" – Advanced Analytics Approach to Exploration Portfolio Allocation Decisions:** D. Surovtsev, T. Levy, M. Sethi
- 17:20 **The Importance of Establishing a Stratigraphic Nomenclature for Petroleum Exploration: A Case Study From Tanzania:** R. Verreussel, S. Houben, F. Veenstra*
- 17:40 **Petroleum Resources Management System (PRMS) and the Importance of Analogs:** J. Faroppa, H. Garcia*
- 18:00 **National Assessment of Undiscovered Oil and Gas Resources of the United States Outer Continental Shelf:** M. Frye, J. Maloney*, S. Palmes



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Tuesday Poster Sessions

Exhibit Hall 3 9:00–18:20
Presenters in Their Booths:
10:00–11:30 and 15:10–16:40

Conventional Reservoirs II

- P1 Tackling the Declining of Oil Recovery Method in Eastern Indonesia's Mature and Remote Field: Carbon-Oxygen (C/O) Log:** F. F. Azmalni, A. Firmansyah, R. Sijinjak, I. Widyastuti
- P2 Impact of Diagenesis on Deeply Buried Sandstone Reservoir of Nanpu Sag, Bohai Bay Basin, East China:** M. Kashif
- P3 Characteristics and Genesis of Deeply Buried Reservoir Sandstone (Shahejie Formation), in Nanpu Sag, East China:** M. Kashif
- P4 Sedimentary Architecture and Sand Body Configuration of the Large Braided River Delta in a Shallow Lacustrine Basin: A Case Study From the Cretaceous Bashijiqike Formation in the Kuqa Depression of Tarim Basin, Northwest China:** C. Ge, Y. Xiaofang, Z. Huiliang
- P5 Construction of Geological Model Scenarios in a Highly Faulted Reservoir: Finding the Appropriate Model That Best Fit Reservoir Simulation Objectives:** J. M. Neethling, C. C. Nyapule, A. Jawoodien, J. Feddersen, S. Ngongo
- P6 Diagenetic Implications in Tura Formation of North Assam Shelf, Assam and Assam-Arakan Basin, India: A Case Study:** S. Uppal, B. Bhadu, S. Raza
- P7 Diagenesis and Geochemical Evaluation of the Siliciclastic Permian Eccu Group Sandstones: New Insight into Hydrocarbon Potential in the Main Karoo Basin:** T. L. Baiyegunhi, K. Liu, O. Gwavava
- P8 Evolution and Reservoir Quality of C Carbonate in the Central Part of Nam Con Son Basin, Offshore South Vietnam:** H. A. Tuan, V. Phan Tien, D. Bui Viet, D. Anh Nguyen, H. T. Phan, H. T. Nguyen
- P9 Cretaceous Giant Siliciclastic Reservoirs Depositional Models in Kuwait:** A. S. Alsharhan, F. Abdullah
- P10 Static Reservoir Modeling of the Valanginian Depositional Sequence of Gamtoos Basin, Offshore South Africa:** O. L. Ayodele
- P11 Rocking with Insights of Rock and Fluids and Implementing MICRO Reservoir Management for Enhanced Efficiency and Excellence in Sabiriyah Maaddud, North Kuwait:** H. Chetri, M. Al-Shuaib, M. Jamal, H. Al-Zaabi
- P12 Diagenetic Events, Reservoir Compartmentalization, and its Relationship with Lower Order Relative Sea-Level Fluctuation in Early-Middle Eocene Sylhet Formation, South Assam Shelf (SAS), Assam and Assam-Arakan Basin:** M. Shukla, D. Gorai, S. Chakrabarty, S. Uppal
- P13 Geocellular Model for Tertiary Reservoirs in Manhera Tibba Gas Field, Jaisalmer Basin, Rajasthan, India:** R. Pandey

Unconventional Reservoirs II

- P14 Discussion on the Contribution of Graptolite to Organic Enrichment and Reservoir of Gas Shale: A Case Study of the Wufeng-Longmaxi Formations in South China:** Z. Qiu, C. Zou, D. Dong, H. Wang, B. Lu
- P15 Controlling Factors for Shale Gas Geological Sweet Spots in Wufeng-Longmaxi Formation, Southern Sichuan Basin, China:** Q. Zhang, F. Liang, Z. Pang
- P17 Uranium-Bearing Strata Sedimentary System and Uranium Mineralization in Fault-Depression Transition Stage: A Case Study of the Tamusu Uranium Deposit in Bayingobi Basin:** L. Wu, Y. Jiao, H. Rong, Y. Hou
- P18 Seismic Imaging of Dolerite Structures in the Eastern Karoo Basin, South Africa: Implications for the Basin's Shale Gas Potential:** S. Enslin, M. Manzi, S. Webb*

- P19 Research Progresses of Micro-Nano Pore Networks in Shale Oil Reservoirs in China:** J. Wang
- P20 Controlling Factors of Effective Carboniferous Volcanic Reservoirs of Dabasong Uplift in Junggaer Basin:** A. Imin, M. Zha, F. Yang, X. Ding*
- P21 Identification of Effective Tight Reservoir Based on the Mechanism of Interface Energy of Nanpu Sag, Bohai Bay Basin, Eastern China:** T. Zheng
- P22 Evaluation of U.S. Shale Oil Productivity Based on Geological and Economic Perspectives:** D. Zhang, H. Su, J. Dai, C. He, R. Chen
- P23 Hydrocarbon Generation and Expulsion Features of the Upper Triassic Xujiahe Formation Source Rocks and Their Controlling Effects on Hydrocarbon Accumulation, Sichuan Basin, Central China:** T. Zheng
- P24 Reservoir Micro Structure of Jurassic Da'anzhai Member Shelly Limestone and Their Hydrocarbon Significance in Central Sichuan Basin, China:** Z. Pang, S. Tao

New and Emerging Exploration Basins II

- P25 Precise Discussion About the Functions of "Karst Model":** X. Xu, Q. Chen, M. Chai
- P26 Diagenetic Study of the Knysna and Robberg Formations in the Plettenberg Area, Western Cape Province of South Africa:** B. O. Otunola, K. Liu
- P27 Prediction of Seismic Time-Lapse (4-D) Effects of the Reservoir Based on Petrophysical and 3-D Seismic Data in the Turaco Prospect, Semliki Basin, Western Uganda:** J. M. Kiberu, R. Kiconco
- P28 Sequence Stratigraphy of the Post-Jurassic in the Algoa and Gamtoos Basins: Implications for Hydrocarbon Potential in the Eastern Cape, South Africa:** M. H. Makhubele, E. Bordy
- P29 Quantifying Effective Porosity of Oil and Gas Reservoirs:** Q. Hu
- P30 Deep Plays in the Eastern Niger Delta: The Role of Oblique Slip in Predicting Reservoir and Traps Distribution:** A. Moscardiello, F. Mondino, J. Caudroit
- P31 Physical Analog Models and Numerical Simulation to Constrain Forming Mechanism of Penetrative Strike-Slip Faults:** F. Ning, Y. Jinbiao, Z. Zhang, S. Haiming

Petroleum Systems, Basin Modeling, and Risk Analysis I

- P32 A Novel Methodology for 3-D Geo-Pressure Modeling: A Stochastic Approach:** A. Grøver, A. Lothe, O. Roli
- P33 The Post-Neocomian Fill History of the North Chukchi Basin:** M. Skaryatin, S. Zaytseva, E. Bulgakova, N. Malyshev, V. Verzhbitsky, V. Obmetko, A. Borodulin, B. Ikhsanov
- P34 Towards the Development of an Integrated Central Atlantic Tectono-Stratigraphic Framework:** M. Casson, J. Redfern, L. Bulot, J. Jeremiah
- P35 An Analytical Workflow for Accurate Thermal Maturity Assessment in Unfavorable Sedimentary Successions:** L. Di Paolo, D. Barbieri, L. Bonoldi, I. Flores, R. Galimberti, E. Previde Massara
- P36 Pore Pressure Evolution in Offshore Suriname as Indicated by Well Analysis and 3-D Basin Modeling:** K. Nifuku, Y. Kobayashi, Y. Araki, T. Ashida, T. Taniwaki
- P37 Acid Gas (CO₂ and H₂S) Risk Assessment at the Basin Scale:** X. Guichet, E. Brosse, I. Kowaleswski, P. Bachaud, S. Wolf, N. Maurand*
- P38 On the Benefits of Seeps Detection in Offshore Frontier Areas Based on Multitemporal Satellite Sar Data and Manual Interpretation: From Northern African to Southern African Promontories, Levantine and Natal Basins, Selected Historical and Recent Sar Data:** C. Blaizot

TUESDAY TECHNICAL PROGRAM

- P39** **Petroleum Evolution Within the Northern Tarim Basin, Northwest China: Insights From Organic Geochemistry, Fluid Inclusions, and Re-Os Geochronology of the Deeply Buried Halahatang Oilfield:** X. Ge, C. Shen, D. Selby, M. Feely, G. Zhu
- P40** **Source of Biodegraded Oil in the Upper Jurassic of Fukang Sag in Junggar Basin, Northwest China:** M. Hou, M. Zha, X. Ding, A. Imin
- P41** **Predicting Petroleum Physical Properties Using the NSO-Compounds Inventory of Pyrolysates:** N. Mahlstedt, B. Horsfield
- P42** **Thermal Effects on the Neopaleozoic Reservoirs of the Parnaíba Basin, Brazil:** M. Cardoso Jr., F. Chemale Jr., C. Engelmann de Oliveira, C. Souza Cruz, C. Abreu
- P43** **Hydrocarbon Potential of the Semliki Basin in the Albertine Graben, Uganda:** J. Lukaye, F. Mugisha, R. Tugume
- P44** **Resource Assessment of a Prospect with Two Separate Structural Closures Linked by a Saddle – Challenges, Solutions, and Pitfalls in Creating a Geologically Correct Probabilistic Model:** P. A. Hole
- P50** **Evaporite Facies Characterization Based on an Unsupervised Artificial Neural Network in Northern Saudi Arabia:** S. Zhang, Y. Xu, M. Teng
- P51** **Seismic Stratigraphic Analysis in the Rift Section of Santos Basin, Brazil:** A. F. Arias, J. Kuchle, R. Alvarenga, C. Scherer, K. Goldberg
- P52** **Identification of Neogene Mixed Lacustrine Carbonate in Qaidam Basin, China:** Z. Fan, W. Jiangong, S. Xiujian
- P53** **Reservoir Prediction in the Ibhubesi Gas Field, West Coast South Africa, Orange Basin, Block 2A:** G. Skosana
- P54** **Wellbore Stability Analysis and Pore Pressure Study in Badri Field Using a Limited Data, Gulf of Suez, Egypt:** A. Radwan
- P55** **Hydrocarbon Type Estimation Using the Synthetic Logs: A Case Study in Baba Member, Gulf of Suez, Egypt:** A. Radwan

Integration of Geophysics with Geology I

- P45** **Importance of Natural Fracture Prediction for Successful Hydraulic Fracturing:** E. Staroselskiy
- P47** **Seismic Structural Interpretation, 2-D and 3-D Modeling and Reservoir Characterization of North Sanghar Block and Well Chak 63-01, Lower Indus Basin, Sindh, Pakistan:** M. Rehman
- P48** **From Conceptual Model to Static Model: A Novel Approach Integrating Seismic and Well Data Replicating Geological Concept into the Modeling Realm in a Basin Floor Fan System, Block 9, Offshore South Africa:** O. El Saadi, M. M. Mmemma
- P49** **Reservoirs Characterization of Deep-Water Sediments on Example of Oil Field, Western Siberia:** A. V. Khitrenko

** Denotes presenter is other than first author*



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WEDNESDAY

TECHNICAL PROGRAM

Technical Program as of 22 October 2018

Wednesday Morning Oral

Special Session: Business and Regulatory Environment

Auditorium 2 (Elephant)

Moderator: David Blanchard

09:00–10:45

- **Narendra K. Verma**, Managing Director & Chief Executive Officer, ONGC Videsh Ltd.
- **Eniola Oludedmi**, Senior Economist, Service Delivery Manager, Schlumberger
- **Maggy Shino**, Petroleum Commissioner, Ministry of Mines & Energy, Namibia
- **Mordecai Ladan**, Director, Department of Petroleum Resources, Nigeria

Plate Tectonics

Roof Terrace (Rhino Room)

Co-Chairs: K. Trivedi and J. Feddersen

- 9:00 **Introductory Remarks**
- 9:05 **A New Model of Oceanic Crustal Ages Derived From Magnetic Data: Implications for Source Rock Distribution Along the Transkei Margin of South Africa:** J. Mariano, C. P. Glover*, M. Sullivan, A. Tikku
- 9:25 **Somali Basin's Crustal Structure and Post-Rift Deformation: A Recorder of Madagascar and India Drifts:** J. Ringenbach, T. Maurin, C. Chappey
- 9:45 **A Correlation Between the Southern North Falkland Basin and the Outeniqua Basin and its Implications on the Palaeogeographic Reconstruction of Gondwana:** R. M. Stanca, D. Paton, D. Hodgson, E. Mortimer, D. McCarthy
- 10:05 **Revealing the Complexities of the Gabon Southern Margin Through Gravity, Magnetics, and Seismic Data Integration:** M. E. Parsons, P. Martinez Duran*, G. Duval
- 10:25 **Hybrid Break-Up: Spanning End-Member Models Towards a Full Tectonostratigraphic Understanding of the Central South Atlantic:** K. G. McDermott, N. W. Hurst, P. Bellingham, B. W. Horn

Dynamics of Source Rock

Meeting Room 2.6 (Lion Room)

Co-Chairs: N. Jukuda and F. Nader

- 9:00 **Introductory Remarks**
- 9:05 **The Prospectivity of the Jurassic Source Rocks in the Suriname Part of the Guiana Basin:** C. P. Griffith
- 9:25 **Controls on Sediment Delivery Into the Moroccan Atlantic Passive Continental Margin: A Source-to-Sink Study:** J. Redfern, T. Luber, R. Charton, L. Bulot, G. Bertotti
- 9:45 **Assessing the Organic Nature, Potentials, and Distribution of Source Rocks Within the Southern Pletmos Basin (Offshore of South Africa): A 3-D Modeling Study:** F. A. Agbor, S. Mhlambi, T. N. Achu, W. A. Sonibare, J. van Bever Donker, T. K. Chatterjee

- 10:05 **Detritic Input Quantification in Lacustrine Petroleum Systems: Example of the Pre-Salt Source Rocks from the Lower Congo Basin (Congo):** F. Behar, V. Delhaye-Prat, S. Garel, A. Chaboureaud
- 10:25 **Early Cretaceous Calcareous Organic-Rich Source Rocks in the Northern Arabian Platform: Paleooceanographic Reconstruction During the Drowning of a Siliciclastic Shelf:** N. Waldman, O. Bialik

Reservoir Characterization and Uncertainty Quantification

Meeting Room 1.61 & 1.62 (Leopard Room)

Co-Chairs: M. Opuwari and G. Robles Hurtado

- 9:00 **Introductory Remarks**
- 9:05 **Definition of Porosity Trends for Pore Pressure Modeling in Scenarios with Erosive Unconformities:** L. A. Marcal, B. S. Silva, P. R. Cardoso, R. d. Reis
- 9:25 **Uncertainty and Risk Analysis of 3-D Geological Model for Syn Rift HP-HT Reservoir of Krishna – Godavari Basin, India:** A. Kumar
- 9:45 **Prediction of Pre-Salt Carbonate Reservoirs in Kenkiyak, Kazakhstan:** A. Xu, S. Hu, X. Zheng, Z. Yang
- 10:05 **Advanced Seismic Characterization and Reservoir Modeling of a Deep-Water Turbidity System in Offshore Angola:** L. Lanza, N. Colombi, C. de Draganich Veranzio, M. Fervari, A. Castoro
- 10:25 **Uncertainty Quantification Algorithms for Reservoir Characterization of Interwell Volumes:** S. Alsaif, A. Marsala

Real Time Analysis and Well Planning

Meeting Room 1.63 & 1.64 (Buffalo Room)

Co-Chairs: C. Beebe and S. Nash

- 9:00 **Introductory Remarks**
- 9:05 **Informed Drilling: Integrated GIS Tools for Well Planning:** M. I. Al Qateefi, W. Al Kharashi
- 9:25 **Geosteering in Coiled Tubing Drilling in Carbonates Unlocked by Real Time Characterization on Cuttings:** A. Marsala, G. Oliver
- 9:45 **Mechanical Specific Energy (MSE) in Coring: A Tool to Understand the Drilling Mechanism and Coring Parameters Optimization for Improved Core Recovery:** U. Prasad
- 10:05 **Integrated Hyperspectral Core Imaging in Unconventional Reservoirs to Identify Drilling and Completions Hazards and Enhance Reservoir Models:** B. E. Hollon, H. Howe*, P. DuBois, L. Fonteneau, B. Martini
- 10:25 **Passive Seismic Approach to Minimize Drilling Risk:** A. R. Sumiarso

WEDNESDAY TECHNICAL PROGRAM

Special Session: E&P and the Environment We Live In

Auditorium 2 (Elephant Room)

Moderator: Andrew Ejayeriese

11:25–13:10

- ▶ **Greg Schreiner**, Sustainability Scientist, Council for Scientific and Industrial Research (CSIR)
- ▶ **Malcolm Francis**, Exploration Lead, Sub-Saharan Africa, WesternGeco, Schlumberger
- ▶ **Timi Familusi**, Leader, Sub-Saharan Africa, Ace Noesis Limited

Basin Scale Tectonics and Structural Plays I

Roof Terrace (Rhino Room)

Co-Chairs: R. Alasad and J. Ringenbach

- 11:25 **Introductory Remarks**
- 11:30 **Tectonic Evolution, Structural Styles, and Plays of the Russian Chukchi Sea Sedimentary Basins:** M. Skaryatin, S. Zaytseva, E. Bulgakova, N. Malyshev, V. Verzhbitsky, V. Obmetko, A. Borodulin, B. Ikhsanov
- 11:50 **An Under-Filled Rift Basin: Source, Reservoir, and Seal Distribution within the Canterbury Basin, New Zealand:** A. Barrier, A. Nicol, G. Browne, K. Bassett, T. Sahoo
- 12:10 **High-Resolution Multi Cross-Section Restoration and Its Applications in Reservoir Quality Prediction:** A. M. Pelosi, F. Garcia Dominges da Costa, F. R. Sá, D. L. Paula Faria, T. Cardozo, V. Madrucci, Y. D. Portella

- 12:30 **Successes, Challenges, and Future Opportunities in the Pre-Salt Kwanza and Benguela Basins of Angola: Predicating Where the Best Oil Charged Reservoirs Will be Found:** M. Tyrrell, A. Vartan, D. Cunha
- 12:50 **Marginal Palaeozoic Fault Systems of the Northern Carnarvon Basin, North-West Shelf, Australia:** A. l'Anson, C. Elders

Basin Analysis and Petroleum System Elements I

Meeting Room 2.6 (Lion Room)

Co-Chairs: S. Bakare and D. Van der Spuy

- 11:25 **Introductory Remarks**
- 11:30 **Geology Across Mid-Ocean Ridges – A Framework for Evaluating the South Atlantic Pre-Salt:** M. Spaak, A. Seregin, B. Wignall, L. Kennan, H. van Gent, C. Heine
- 11:50 **The Role of Basin and Petroleum Systems Modeling in the 2015–2017 India National Resource Assessment Project:** B. Wygrala, A. Bartha, D. Das, S. Dubey
- 12:10 **The Petroleum Systems and Hydrocarbon Potential of Albertine Graben, East African Rift System – Uganda:** D. Abeinmugisha, N. Njabire, F. Ocitti*
- 12:30 **Characterization of Permian Mangrullo Formation (Uruguay) Oil Shale as a Source Rock and Its Correlation With Irati (Brazil) and Whitehill (South Africa) Formations:** B. Conti, P. Gristo*, M. Torres, J. Castiglioni, P. Portugau, M. Morales, L. Yermán, A. Cuña
- 12:50 **An Integrated Approach to Petroleum System Analysis: Implications for Exploration and Risk Reduction in the Southeastern Inland Basins of Nigeria:** C. I. Dim, K. M. Onuoha, O. A. Anyiam, I. Okwara, A. W. Mode, B. M. Ozumba



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WEDNESDAY TECHNICAL PROGRAM

Advancement in Reservoir Characterization

Meeting Room 1.61 & 1.62 (Leopard Room)

Co-Chairs: G. Adagbasa and C. Chukwuka

- 11:25 **Introductory Remarks**
- 11:30 **Rock Property Prediction from Seismic Inversion: F-A Gas Field, Bredasdorp Basin, Offshore South Africa:** S. Ngcongco, J. Feddersen
- 11:50 **The Relationship Between the Compressional Wave Velocity of Saturated Porous Carbonate Rocks and Density: Theory and Application:** M. Al Ismail, F. Morgan
- 12:10 **4-D CSEM, A Cost-Effective Tool for Deep-Water Clastic Reservoir Monitoring:** P. Menezes, J. Crepaldi, A. Zerilli, T. Labruzzo, L. Alvim, J. Correa, E. Pinho, J. S. Lyrio*, A. Roessler Viana
- 12:30 **Inversion of MT Data with Enhanced Structural Fidelity:** F. Golfré Andreasi, S. Re, F. Ceci, L. Masnaghetti, presented by A. G. Battaglini
- 12:50 **Seismic Detection of Mud Losses – An Application to the Colombian Foothills:** E. J. Illidge, Y. Hernandez, D. Mateus, R. Corzo

Advancement in Seismic Technology

Meeting Room 1.63 & 1.64 (Buffalo Room)

Co-Chairs: L. Bailey and C. Reiser

- 11:25 **Introductory Remarks**
- 11:30 **Workflow for Extraction of Seismic Data From Multiple Synthetic Seismic Models by Using Clustering Algorithms:** J. Amtmann, C. Eichkitz
- 11:50 **First Breaks Picking: a Key Element to Improve Seismic Imaging through Full-Waveform Inversion on Land Data:** F. Studer, L. Lemaistre, C. Rivera, J. Brunelliere
- 12:10 **Mapping of Basement Structuration From 3-D Seismic Data:** Dr. Malcolm Francis: A. W. Laake, J. Blanch
- 12:30 **Integration of Multi-Attribute Analysis Data in Mapping Hydrocarbon Distribution Across Structurally Controlled Reservoirs in "Tin" Field, Niger Delta:** I. T. Ndulue, C. Ugbor, C. I. Dim, C. Okeugo
- 12:50 **Application of Development Seismic Technology in Horizontal Well Design A Case Study of Block M:** Z. Jing

Wednesday Afternoon Oral

Super Basins Forum – Africa and Middle East: Big Basins, Big Successes, and More to Find

Auditorium 2 (Elephant Room)

Moderators: Charles A. Sternbach and Nosa Omorodion

14:10–18:20

- ▶ **Exploration Creativity in the Golden Age of Super Basins and What AAPG is Doing About Them:** Charles A. Sternbach, AAPG President (2017–18)
- ▶ **Giant Basins of Africa: The More We Explore the More We Find:** Adebayo Akinpelu, Managing Consultant, Fixital
- ▶ **North Africa – A Rejuvenated Super Basin:** Lorenzo Meciani, Exploration Strategies Manager, Eni
- ▶ **East Africa and Mozambique, Waking a Sleeping Super Basin:** Malcolm Francis, Exploration Lead, Sub-Saharan Africa, WesternGeco, Schlumberger
- ▶ **Basins and Petroleum Systems of the Middle East:** Sa'id Al Hajri, Manager of Geological Operations Department, Saudi Aramco

Basin Scale Tectonics and Structural Plays II

Roof Terrace (Rhino Room)

Co-Chairs: S. Davids and A. Gelmetti

- 14:10 **Introductory Remarks**
- 14:15 **South Outeniqua Basin Structure: New Elements:** J. Ballard, M. Dal, A. Azher
- 14:35 **Tectonic Controls on the Mesozoic Development of Stratigraphic Pinch-Out in the Exmouth Plateau – North-West Shelf, Australia:** H. Rohead-O'Brien
- 14:55 **Tectonic Evolution and Hydrocarbon Distribution of Basins in Africa:** G. Zhang
- 15:15 **Structural Styles and Hydrocarbon Prospectivity of the Ceduna Sub-Basin, Australia: Part One:** A. Alghuraybi, M. Bunch
- 15:35 **Structural Evolution and its Control on Hydrocarbon Accumulation of the Southern Depression in Melut Basin, South Sudan:** L. Ma

Ground Water and Hydrogeology

Meeting Room 2.6 (Lion Room)

Co-Chairs: T. Afolayan and S. Nash

- 14:10 **Introductory Remarks**
- 14:15 **Biomarker Proxy Records of Paleoenvironmental Change in the Mfabani Peatland, South Africa Since the Late Pleistocene:** A. Baker, N. Pedentchouk, J. Routh, A. Roychoudhury
- 14:35 **Stable Isotope Hydrology in Fractured and Detritic Aquifers at Both Sides of the South Atlantic Ocean: Mar Del Plata (Argentina) and the Rawsonville and Sandspruit River Catchment Areas (South Africa):** M. Damons
- 14:55 **Application of Artificial Intelligence in Hydrogeology to Solve Water Related Issues – Case Studies from South Africa and Malawi:** E. Sakala
- 15:15 **Unconventional Oil and Gas Extraction and Groundwater: Exploiting One Natural Resource at the Expense of Another?:** S. Esterhuysen

Basin Analysis and Petroleum System Elements II

Meeting Room 1.61 & 1.62 (Leopard Room)

- 14:10 **Introductory Remarks**
- 14:15 **The Influence of Climate Variability on the Content, Composition, and Pattern of Organic-Carbon Enrichment in Sediments:** K. Chukwuma, E. Bordy
- 14:35 **Discovery of the Anisian Caley Member Petroleum System, Bedout Sub-Basin, Western Australia:** J. Minken, M. Thompson, J. Woodward, R. Fabrici, F. Fernandes
- 14:55 **How Models of Organic Carbon Distribution are Influenced by Paleo-bathymetry – Tested in the Cretaceous Hammerfest Basin, Barents Sea:** B. Emmel, A. Baskoro, G. deJager, A. Grøver, O. Roli
- 15:15 **Middle Cretaceous Depositional Environment and Reservoir Potential of Central Rovuma Basin, Offshore Mozambique:** S. M. Chiulele
- 15:35 **Geochemical and Palynological Studies of Some Maastrichtian Source Rock Intervals (Patti and Gombe Formations) in Nigeria: Implications for Hydrocarbon Prospectivity:** O. J. Ojo, A. Jimoh, J. Umelo

Advancement in Formation Evaluation and Characterization

Meeting Room 1.63 & 1.64 (Buffalo Room)

Co-Chairs: D. Dhont and J. Adrian

- 14:10 **Introductory Remarks**
- 14:15 **Integrating Functional Networks Based Nonlinear Variable Selection Methodology with Artificial Neural Networks for Improved Carbonate Reservoir Cementation Factor Prediction:** F. Anifowose, C. Ayadiuno, F. Rashedan, A. Alghuraybi*
- 14:35 **Innovative Fluid Identification Method in Tight Oil Reservoir By Combining Nuclear Magnetic Resonance Data With Array Dielectric Measurements and Spectroscopy Data:** G. Liu, Y. Hou, J. Wu*, X. Liu, C. Xiao, X. Zhao, S. Li
- 14:55 **Digitally Logging the Virtual Core: Innovative, Cost-Effective and Time-Efficient Workflow:** C. Shrivastava
- 15:15 **Fullwave Sonic Analysis: New Methodologies for Characterizing Near-Wellbore Reservoir Properties:** C. Ayadiuno
- 15:35 **Accurate Characterization of Porosity Heterogeneity and Optimization of Testing Zone Selection in High-Heterogeneous Carbonate Reservoir: A Success-Story From East China:** Z. Xin, H. Dai, B. Sun, Y. Shen, S. Li, H. Zhao, H. Gong, Q. Lu, J. Wu*, K. Gao

Seals and Fractures

Roof Terrace (Rhino Room)

Co-Chairs: S. Davids and A. Ravaglia

- 16:35 **Introductory Remarks**
- 16:40 **Global Insight Into the Controls on Top Seal Based on Analog Studies:** J. Faroppa
- 17:00 **Distributed Crestal Leakage: Evidence for Geologically Instantaneous (Catastrophic) Top Seal Failure:** M. Foschi, J. Cartwright

- 17:20 **Fault Seal Analysis in the Southern Pletmos Basin, Offshore South Africa: Implications for Hydrocarbon Migration and Entrapment:** S. Mhlambi, F. A. Agbor, T. K. Chatterjee, J. van Bever Donker
- 17:40 **Integrated Fractured Basement Play Fairway Definition:** K. Rodriguez, N. Hodgson, H. Kearns
- 18:00 **Crestal Faulting as a Cause of Trap Integrity Loss and Gas Migration in the Migrant Structure, Sable Delta, Offshore Nova Scotia:** K. Martyns-Yellowe, B. Richards, G. Wach, N. Watson

Deriving Value by Integration of Geosciences

Meeting Room 2.6 (Lion Room)

Co-Chairs: G. Adagbasa and A. Fielies

- 16:35 **Introductory Remarks**
- 16:40 **Chemostratigraphy, Lithostratigraphy, and Sedimentology of the Unayzah Group, Eastern Saudi Arabia:** N. W. Craigie
- 17:00 **Technology Contribution for Integrated Shared Live Earth Model:** A. A. Al Maskeen
- 17:20 **Implications of Sequence Stratigraphic Models of the Gamtoos Basin for Its Petroleum Potential:** A. Davids, C. Van Bloemenstein
- 17:40 **Circular Depressions Trails in Late Neogene/Early Quarternary Deep-Water Slope Deposits Offshore Angola: Implication for the Interpretation of Turbidity-Current vs. Fluid Escape Dynamics:** H. S. Putuhen, M. Huuse, I. Kane, J. Cartwright
- 18:00 **New Integrated Workflows for Sedimentary Basin Numerical Modeling: Application on the Levant Basin (East-Mediterranean Region):** F. H. Nader, J. Barabasch, M. Ducros, N. Hawie, S. Bou Daher, R. Littke



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The Africa Oil+Gas Report is the primer on the hydrocarbon industry on the continent. The monthly, Pan African magazine headquartered in Lagos, Nigeria, is the primary information tool for the keen stakeholder in the growing African energy sector, providing energy intelligence, and technological updates to guide everyone from the prospecting E&P company to the project finance institution. It circulates to oil and gas professionals, policymakers, market analysts, financiers and entrepreneurs in Port Harcourt, Warri and Abuja in Nigeria, Alexandria and Cairo in Egypt, Cape Town and Johannesburg in South Africa as well as London in the UK and Houston in the United States.

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Its mandate is to present the opportunities available in every segment of the oil and gas industry and highlight the technical, legal, geoscientific and logistical challenges associated with those opportunities. The magazine explains project development and investment decisions to petroleum engineers and geologists, disseminates geologic information and petroleum engineering analysis in a way that accountants, project financiers, energy journalists and public affairs specialists can understand and highlights the workings of petroleum refining and product marketing to the lay businessman.

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WEDNESDAY TECHNICAL PROGRAM

E&P and the Environment We Live In

Meeting Room 1.61 & 1.62 (Leopard Room)

Co-Chairs: C. Smith and F. Veenstra

- 16:35 **Introductory Remarks**
- 16:40 **Total Solar Irradiance (TSI) Forcing as a Control on Climate Change as Opposed to Orbital Cycles and Anthropogenic CO₂ Forcing — Some Thoughts and Arguments:** R. H. Leadholm
- 17:00 **Developments in the Application of Remote Sensing for Environmental Monitoring:** M. Hall
- 17:20 **Integration of Geophysical, Geological, and Engineering Data to Continuously Adapt and Evolve Models for Optimization and Risk Analysis of an Ongoing Carbon Storage/EOR Project at Farnsworth Texas, U.S.A.:** R. Balch, R. Will, G. El-Kaseeh, W. Ampomah, P. Czoski
- 17:40 **The Next Frontier in South African Shale Gas and Tight Oil Extraction: Strategic Reduction of Environmental Impact:** A. Kazerouni
- 18:00 **Eni HSE and Sustainability Model Applied to Onshore 3-D Seismic Acquisition in Block RSF-5, Central Myanmar:** L. Consalvi

Innovation in Petroleum System Analysis

Meeting Room 1.63 & 1.64 (Buffalo Room)

Co-Chairs: M. Marhoon and S. Mkhise

- 16:35 **Introductory Remarks**
- 16:40 **Petroleum Systems Through Economic Assessment of the Permian Basin, Texas Aided By a Cognitive System for Geosciences:** J. Laigle, A. S. Pepper, C. Cavelius, C. Collantes, Z. Jin
- 17:00 **Improved Prediction of Sedimentation Rates and Burial History using Storm Software:** K. J. Zieba, M. Felix
- 17:20 **Exploring the Predictive Power of Seismic Geomorphology to Assess Reservoir Quality of Gravity-Flow Sandstones:** N. Scarselli
- 17:40 **Robotics and Automation for Rock Sampling and Characterization: A Paradigm Shift in Real Time Formation Evaluation:** A. Marsala, B. Li, H. Alqattan
- 18:00 **Integrating Laboratory Analysis for Evaluating and Improving Disposal/Injection Zones Capacity and Determining Well End of Life:** P. DuBois, A. Bijaripour*, D. Whiting, T. Walker, O. Perez, T. Taylor

Wednesday Poster Sessions

Exhibit Hall 3 9:00–18:20

Presenters in Their Booths:

10:00–11:30 and 15:10–16:40

Petroleum Systems, Basin Modeling, and Risk Analysis II

- P1 **Using an Integrated Approach to Understand and De-Risk a Jurassic Play in Central Rub' Al-Khali, Saudi Arabia:** M. A. Alhamad, J. Ismail
- P2 **Integrating 3-D Basin Modeling Concept to Determine Source Rock Maturation in the F-O Gas Field, Bredasdorp Basin (Offshore South Africa):** L. Ramphaka, W. Sonibare, T. K. Chatterjee
- P3 **Carbonate Microfacies as a Source Rock: Heat Flow and Carbonate Source Rock Modeling of Kais Formation Indonesia:** T. E. Putra, P. R. Putra, A. Samodra, M. Natsir
- P4 **Characteristics of High-Quality Source Rock in Brink Sags, the Southern Bohai Sea:** H. Liang, G. Xu, Q. Yu*, F. Xu, K. Wu, D. Wang
- P5 **3-D Numerical Modeling of Hydrocarbon Generation From the Barremian-Aptian Source Rock Unit of the Northern Orange Basin, South Africa:** C. A. Samakinde
- P6 **Phenomenon of the Albian Cenomanian Turonian Source Rock in the Suriname Part of the Guiana Basin:** C. P. Griffith
- P7 **Assessing Hydrocarbon Prospectivity of Krishna Godavari Basin Through 3-D Petroleum System(s) Modeling:** S. Rawat

- P8 **Evaluation of the Source Rock Potential of the Southern Orange Basin:** B. Daniso, N. Jukuda
- P9 **Petroleum Systems Analysis of the Gamtoos Basin, South Africa:** A. Davids, C. Van Bloemenstein, C. J. Campher

Tectonics, Basin and Trap Formation

- P10 **Polygonal Fault System in Great South Basin, New Zealand: Implications for Lithology Prediction:** P. Chenrai, M. Huuse
- P11 **New Method to Evaluate Carbonate Cap Rocks: Enlightenment From Rock Mechanical Property:** F. Ning, Y. Jinbiao, L. Jianjiao, S. Haiming
- P12 **An Improved Approach for Structural Delineation with Multiple Reverse Faults from Borehole Image Dips in Compressional Stress Regime:** S. Yang, T. Yamada, I. Le Nir
- P13 **Baseline Study of the Volta Basin, Ghana: Geophysical Constraints:** A. Ayikwei, S. Webb, K. Hein, M. Jessell
- P14 **New Plays and Remaining Potential in the Campos Basin Uncovered by a Newly Reprocessed Regional 3-D Seismic Dataset:** N. W. Hurst, P. Bellingham, A. Hartwig, B. W. Horn
- P15 **Tectonic Evolution and Its Influence on Hydrocarbon Accumulation of the Ruman Buried Hill in Melut Basin, South Sudan:** L. Xue
- P16 **Controlling Effect of Normal Fault Related Folds to Hydrocarbon Migration and Accumulation:** Y. Lang, J. Zhang, Y. Wang, G. Fu
- P17 **Geomechanism Model of the Central African Shear Zone and its Related Rift Basins:** H. Tongfei
- P18 **Use of Analog Modeling for Hydrocarbon Exploration: An Example in Papua New Guinea Fold and Thrust Belt (Onshore):** R. Darnault, R. Wightman, S. Schueller*, J. Mengus

Integration of Geophysics with Geology II

- P19 **Impact of Shear Velocity Estimation on Wellbore Stability:** C. Otoghile, C. Udeze
- P20 **Compound Sand Architecture of Meandering Reservoir and its Application in Offshore Q Oil Field, Bohai Bay Basin, Eastern China:** G. Hu, L. Song, T. Fan, X. Liang
- P21 **The Magic of Depth Imaging in a Complex Geological Setting — A Case Study From Upper Indus Basin:** S. Shah, M. Sajjad*
- P22 **The Application of the Seismic Sedimentary Method in the Detailed Prediction of the Lithological Reservoir of Sub-Lacustrine Fan in Bohai JZX Gasfield:** J. Wen
- P23 **Reservoir Characterization from Lithofacies and Petrophysical Analyses of the Clastic Sediments in the Southern Pletmos Basin, South Africa:** M. E. Oghenekome
- P24 **Magnetic Mineral Composition as a Potential Indicator of Depositional Conditions in Gas-Bearing Silurian Shale Rocks From Northern Poland:** D. K. Niezabitowska, R. Szaniawski, M. Jackson
- P25 **Determination of Loss Circulation Zones by Using Real-Time Temperature Logging While Drilling Petroleum Wells — Case Studies:** M. M. Fernandes, T. Melo, R. Dantas, M. Tavares, L. A. Marcal*
- P26 **Machine Learning Assisted Prediction of Dissolution Spatial Distribution in Volcanic Weathered Crust Reservoirs: A Case Study:** M. Tian, H. Xu, J. Cai, Z. Wang
- P27 **An Integrated Geophysical Approach to Mapping and Modeling the Karoo Dolerite Intrusions in the South-Eastern Karoo Basin of South Africa:** C. Baiyegunhi, O. Gwavava, K. Liu, T. L. Baiyegunhi
- P28 **Fluid Expulsion Above a Gravity-Linked System: 3-D Seismic Reflection Case Study from the Orange Basin, Namibia:** O. E. Eruteya, D. Nehemiah, A. Moscariello, M. Opuwari

Deriving Value by Integration of Geosciences

- P29 **Visualization and Quantification of 3-D Pore Networks in Tight Reservoir Rocks Using Confocal Laser Scanning Microscopy:** M. H. Hofmann, S. Arens, C. Bomberger, S. Bachtel, M. S. Hendrix

WEDNESDAY TECHNICAL PROGRAM

- P30** Holistic Approach in Integrating Multiple Datasets When Building Geological Models of Complex Reservoir Sand Bodies in the South Coast Gas Field in Bredasdorp Basin, South Africa: A. Makangala
- P31** Hyperspectral Midwave and Longwave Infrared Spectroscopy as an XRD Proxy for Fracture Stimulation in Unconventional Hydrocarbon Exploitation: N. E. Pendock
- P32** Fluid Flow in Mudstone: A Function of Pore Size Distribution or Grain Size Distribution: N. Egesi
- P33** Low Resistivity-Low Contrast Pays Within the Permo-Carboniferous Sandstone Formation of Central Saudi Arabia: Geological Controls and Implications for Missed Pay: A. A. Alabbad, S. Khan, C. Ayadiuno, F. Almohsen, C. Reid
- P34** The Internal Seismic Character of the Gamtoos Basin's Late Valanginian to Late Hauterivian Syncline Fill Sequences and the Potential for a Hydrocarbon Play: C. Van Bloemenstein, A. Davids
- P35** Sequence Stratigraphy of the Neocomian Succession of the North Western Siberia Basin: A. V. Khitrenko, A. Batalova, A. Musikhin
- P36** Charging and Connectivity of Fractured Basement Reservoirs in the West of Shetland (North Atlantic, UK) – Insights from Oil Geochemistry Studies: M. Nuzzo, R. McBride, L. Neale, A. Wingfield, P. Farrimond, C. Slightam, R. Trice
- P37** Prototype Model of Modern Fluvial Deposits and Discussion on Architectural Units: A Case Study of Hailar River and Chaobai River: D. Xiao, G. Hu, T. Fan, F. Chen, J. Dong, Y. Gao, X. Liang
- P38** Fit-for-Purpose Log Conditioning as Applied on the F-A Gas Field in the Bredasdorp Basin, Offshore South Africa: A. Jawoodien
- P39** Southern Africa's Potential Uncovered Using Integrated Data Sets: J. Malan

Innovation and Technology

- P40** High-Performance Reservoir Simulations on Modern CPU-GPU Computational Platforms: K. Bogachev, S. Hinneh*
- P41** Disruption in African Geoscientist Talent Management: Don't Miss the "New World" Revolution: E. Vanbinst, J. P. Durand*
- P42** Ocean Bottom Multi-Physics Nodes – Next Reservoir Monitoring Step Forward?: E. Pinho, A. Zerilli, P. Menezes, J. Correa, J. S. Lyrio*, A. Roessler Viana
- P43** Discussion on Application Method of Rock Cuttings in the Fault Sealing of China Offshore Oilfield: L. Song, G. Hu
- P44** Using Adobe Photoshop to Analyze Vuggy Porosity Quantitatively Based on Electrical Borehole Images: H. Xing, Z. X. Cai, H. Zhang
- P45** Carbonate Depositional Attributes and Controlling Factors of Reservoir Property in Saline Lacustrine Basin: A Case Study of Paleogene in Western Yingxiong Ridge, Qaidam Basin (North-West China): Z. Liu, C. Zhu, Z. Xia

Business and Regulatory Environment

- P46** Quantifying the Uncertainty of the Ultimate Recoverable Oil Reserves Using the Monte Carlo Simulation Techniques From 'OWA' Marginal Field, Onshore Niger Delta, Nigeria: O. C. Adeigbe, I. F. Odedere, O. I. Amodu*
- P47** Assessment and Enrichment Regulation of Global Oil Shale Resources: X. Zhang, H. Zheng*, C. Bian
- P49** Development of the 2019-2024 National Oil and Gas Leasing Program on the United States Outer Continental Shelf: R. Orr, K. Hammerle, M. Frye*

** Denotes presenter is other than first author*

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Presenter	Day	a.m./p.m.	Time/Booth	Location	Session Title
A					
Abangwu, Prince	Mon.	p.m.	17:40	1.61 & 1.62 (Leopard Room)	Opportunity to Get More From Brown Fields
Adams, Selwyn	Mon.	p.m.	12:50	Roof Terrace (Rhino Room)	Mapping Unconventional Reservoirs
Adams, Selwyn	Mon.	all-day	P 21	Exhibit Hall 3	Unconventional Reservoirs I
Adebowale, Ademola	Mon.	p.m.	12:30	1.61 & 1.62 (Leopard Room)	Sequence Stratigraphy: E&P Tool
Adedosu, Taofik	Mon.	p.m.	15:35	Roof Terrace (Rhino Room)	Oil From Shales and Carbonate Mudstones
Adiela, Uche	Mon.	all-day	P 28	Exhibit Hall 3	Exploration and Production in Mature Basins
Adiela, Uche	Mon.	all-day	P 29	Exhibit Hall 3	Exploration and Production in Mature Basins
Adiela, Uche	Mon.	all-day	P 30	Exhibit Hall 3	Exploration and Production in Mature Basins
Adrian, Jorge	Tue.	a.m.	10:05	Roof Terrace (Rhino Room)	Tight Gas Sand Reservoir
Afolayan, Tunbosun	Mon.	p.m.	16:35	1.63 & 1.64 (Buffalo Room)	Young Professionals v. Establishment; Next Generation of Energy Finders
Agbor, Fritz	Wed.	a.m.	9:45	2.6 (Lion Room)	Dynamics of Source Rock
Akinpelu, Adebayo	Wed.	p.m.	14:10	Auditorium 2 (Elephant Room)	Super Basins
Akinyanmi, Olalekan	Mon.	a.m.	9:50	Auditorium 2 (Elephant Room)	Africa Executive Plenary: Capitalizing on Africa's Success; Energy for Economic Prosperity
Al Hajri, Sa'id	Wed.	p.m.	14:10	Auditorium 2 (Elephant Room)	Super Basins
Al Ismail, Marwah	Wed.	a.m.	11:50	1.61 & 1.62 (Leopard Room)	Advancement in Reservoir Characterization
Al Maskeen, Abdul M.	Wed.	p.m.	17:00	2.6 (Lion Room)	Deriving Value by Integration of Geosciences
Al Qateefi, Mahdi	Wed.	a.m.	9:05	1.63 & 1.64 (Buffalo Room)	Real Time Analysis and Well Planning
Al Zamil, Khalid	Tue.	a.m.	11:25	Auditorium 2 (Elephant Room)	Panel Session: Next Age Technology; Big Data, Big Success
Alabbad, Abrar	Wed.	all-day	P 33	Exhibit Hall 3	Deriving Value by Integration of Geosciences
Al-Enezi, Bashar	Mon.	all-day	P 4	Exhibit Hall 3	Conventional Reservoirs I
Alghuraybi, Ahmed	Mon.	a.m.	11:30	1.61 & 1.62 (Leopard Room)	Sequence Stratigraphy: E&P Tool
Alghuraybi, Ahmed	Tue.	p.m.	14:35	Auditorium 2 (Elephant Room)	Basins From Rest of the World
Alghuraybi, Ahmed	Wed.	p.m.	15:15	Roof Terrace (Rhino Room)	Basin Scale Tectonics and Structural Plays II
Alhamad, Mahmood	Wed.	all-day	P 1	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis II
Ali, Yasir	Tue.	p.m.	12:50	Roof Terrace (Rhino Room)	Unconventional Gas
Alsaif, Sarah	Wed.	a.m.	10:25	1.61 & 1.62 (Leopard Room)	Reservoir Characterization and Uncertainty Quantification
Alshahrani, Saeed	Mon.	a.m.	11:30	1.61 & 1.62 (Leopard Room)	Sequence Stratigraphy: E&P Tool
Alsharhan, Abdulrahman	Tue.	all-day	P 9	Exhibit Hall 3	Conventional Reservoirs II
Amani, Mahmood	Mon.	all-day	P 37	Exhibit Hall 3	Exploration and Production in Mature Basins
Amodu, Omowunmi	Wed.	all-day	P 46	Exhibit Hall 3	Business and Regulatory Environment
Amtmann, Johannes	Wed.	a.m.	11:30	1.63 & 1.64 (Buffalo Room)	Advancement in Seismic Technology
Arias, Andrea	Tue.	all-day	P 51	Exhibit Hall 3	Integration of Geophysics With Geology I
Asghar, Afnan	Tue.	p.m.	15:35	1.61 & 1.62 (Leopard Room)	Integration for Facies Characterization
Ayadiuno, Chris	Wed.	p.m.	14:15	1.63 & 1.64 (Buffalo Room)	Advancement in Formation Evaluation and Characterization
Ayikwei, Abigail	Wed.	all-day	P 13	Exhibit Hall 3	Tectonics, Basin and Trap Formation
Ayodele, Oluwatoyin	Tue.	all-day	P 10	Exhibit Hall 3	Conventional Reservoirs II
Azmalni, Faiza	Tue.	all-day	P 1	Exhibit Hall 3	Conventional Reservoirs II
B					
Backheuser, Yeda	Mon.	p.m.	16:40	2.6 (Lion Room)	Reservoir Characterization and Modeling II
Bagley, Don	Mon.	a.m.	9:00	Auditorium 2 (Elephant Room)	Global Executive Plenary: Global Energy Supply and Demand; Where Does the Road Lead?
Baiyegunhi, Christopher	Tue.	a.m.	11:50	Roof Terrace (Rhino Room)	Unconventional Gas
Baiyegunhi, Christopher	Wed.	all-day	P 27	Exhibit Hall 3	Integration of Geophysics With Geology II
Baiyegunhi, Temitope	Tue.	all-day	P 7	Exhibit Hall 3	Conventional Reservoirs II
Baker, Andrea	Wed.	p.m.	14:15	2.6 (Lion Room)	Ground Water and Hydrogeology
Balch, Robert	Wed.	p.m.	17:20	1.61 & 1.62 (Leopard Room)	E&P and the Environment We Live In
Ballard, Jean-François	Wed.	p.m.	14:15	Roof Terrace (Rhino Room)	Basin Scale Tectonics and Structural Plays II
Baranov, Timofey	Mon.	p.m.	17:40	2.6 (Lion Room)	Reservoir Characterization and Modeling II
Barr, Duncan	Mon.	p.m.	15:35	1.61 & 1.62 (Leopard Room)	New Plays and New Approaches
Barrett, Paul	Mon.	p.m.	14:55	1.61 & 1.62 (Leopard Room)	New Plays and New Approaches
Barrier, Andrea	Wed.	a.m.	11:50	Roof Terrace (Rhino Room)	Basin Scale Tectonics and Structural Plays I
Baru, Maikanti	Mon.	a.m.	9:50	Auditorium 2 (Elephant Room)	Africa Executive Plenary: Capitalizing on Africa's Success; Energy for Economic Prosperity
Battaglini, Alessandra	Wed.	p.m.	12:30	1.61 & 1.62 (Leopard Room)	Advancement in Reservoir Characterization
Behar, Francoise	Wed.	a.m.	10:05	2.6 (Lion Room)	Dynamics of Source Rock
Benard, Ebere	Mon.	p.m.	16:40	1.61 & 1.62 (Leopard Room)	Opportunity to Get More From Brown Fields
Berger, Zeev	Mon.	all-day	P 50	Exhibit Hall 3	New and Emerging Exploration Basins I
Berre, Lodve	Tue.	a.m.	10:05	1.61 & 1.62 (Leopard Room)	Application of Geophysics to Explore and Develop in Deep-Water

PRESENTER CROSS REFERENCE

Presenter	Day	a.m./p.m.	Time/Booth	Location	Session Title
Bijaripour, Aita	Wed.	p.m.	18:00	1.63 & 1.64 (Buffalo Room)	Innovation in Petroleum System Analysis
Bin Gubair, Mohammed	Tue.	p.m.	17:40	Auditorium 2 (Elephant Room)	Integration to Mitigate Uncertainty
Birkle, Peter	Tue.	a.m.	9:05	1.63 & 1.64 (Buffalo Room)	Outcrop Analogs
Blaizot, Clément	Tue.	all-day	P 38	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Bustin, Robert	Mon.	p.m.	14:35	Roof Terrace (Rhino Room)	Oil From Shales and Carbonate Mudstones
Callot, Jean-Paul	Tue.	p.m.	17:20	1.61 & 1.62 (Leopard Room)	Mobile Substrate and Related Traps
Cardoso Jr, Marcio	Tue.	all-day	P 42	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Casson, Max	Tue.	all-day	P 34	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Chakrabarty, Snehasis	Mon.	p.m.	12:10	1.61 & 1.62 (Leopard Room)	Sequence Stratigraphy: E&P Tool
Chen, Bintao	Mon.	all-day	P 41	Exhibit Hall 3	Exploration and Production in Mature Basins
Chen, Yanyan	Tue.	p.m.	14:55	Roof Terrace (Rhino Room)	Heavy Oil, Ultra Heavy Oil, and Tar Sand
Chenin, Julian	Mon.	p.m.	16:35	1.63&1.64 (Buffalo Room)	Young Professionals v. Establishment; Next Generation of Energy Finders
Chenrai, Piyaphong	Wed.	all-day	P 10	Exhibit Hall 3	Tectonics, Basin and Trap Formation
Chetri, Hom	Tue.	all-day	P 11	Exhibit Hall 3	Conventional Reservoirs II
Chiulele, Sérgio	Wed.	p.m.	15:15	1.61 & 1.62 (Leopard Room)	Basin Analysis and Petroleum System Elements II
Chukwuma, Kenneth	Wed.	p.m.	14:15	1.61 & 1.62 (Leopard Room)	Basin Analysis and Petroleum System Elements II
Coajou, Andre	Mon.	p.m.	12:30	1.63 & 1.64 (Buffalo Room)	History of Petroleum E&P in Africa
Cochrane, Justin	Tue.	a.m.	9:30	Auditorium 2 (Elephant Room)	Special Session: History of Petroleum E&P in Africa
Consalvi, Laura	Wed.	p.m.	18:00	1.61 & 1.62 (Leopard Room)	E&P and the Environment We Live In
Correia, Ulisses	Tue.	p.m.	17:00	1.61 & 1.62 (Leopard Room)	Mobile Substrate and Related Traps
Cowan, Robbie	Tue.	a.m.	11:50	2.6 (Lion Room)	East African Basins
Craigie, Neil	Wed.	p.m.	16:40	2.6 (Lion Room)	Deriving Value by Integration of Geosciences
Cronin, Bryan	Tue.	a.m.	11:30	1.61 & 1.62 (Leopard Room)	Geological Modeling and Reservoir Characterization of Deep-Water Systems
Damons, Matthew	Wed.	p.m.	14:35	2.6 (Lion Room)	Ground Water and Hydrogeology
Daniso, Babalwa	Wed.	all-day	P 8	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis II
Daszinnies, Matthias	Tue.	p.m.	17:00	2.6 (Lion Room)	Hydrocarbon Seeps and Chemical Composition
Davey, Phil	Mon.	a.m.	9:00	Auditorium 2 (Elephant Room)	Global Executive Plenary: Global Energy Supply and Demand; Where Does the Road Lead?
Davids, Anthea	Wed.	p.m.	17:20	2.6 (Lion Room)	Deriving Value by Integration of Geosciences
Davids, Anthea	Wed.	all-day	P 9	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis II
Davison, Ian	Mon.	p.m.	17:20	Auditorium 2 (Elephant Room)	South Atlantic Basins
Delhay-Prat, Vincent	Mon.	all-day	P 52	Exhibit Hall 3	Deep-Water Exploration and Production: Opportunities and Challenges
Delhay-Prat, Vincent	Mon.	all-day	P 53	Exhibit Hall 3	Deep-Water Exploration and Production: Opportunities and Challenges
Dhont, Damien	Tue.	p.m.	18:00	2.6 (Lion Room)	Hydrocarbon Seeps and Chemical Composition
Di Paolo, Lea	Tue.	all-day	P 35	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Dim, Chidozie	Wed.	p.m.	12:50	2.6 (Lion Room)	Basin Analysis and Petroleum System Elements I
Ding, Xiujian	Mon.	p.m.	14:55	Roof Terrace (Rhino Room)	Oil From Shales and Carbonate Mudstones
Ding, Xiujian	Tue.	all-day	P 20	Exhibit Hall 3	Unconventional Reservoirs II
Dominick, Nehemiah	Mon.	all-day	P 2	Exhibit Hall 3	Conventional Reservoirs I
Durand, Jacques	Mon.	p.m.	12:50	1.63 & 1.64 (Buffalo Room)	History of Petroleum E&P in Africa
Durand, Jacques	Wed.	all-day	P 41	Exhibit Hall 3	Innovation and Technology
Dutton, David	Mon.	all-day	P 59	Exhibit Hall 3	Deep-Water Exploration and Production: Opportunities and Challenges
Egesi, Ndukauba	Wed.	all-day	P 32	Exhibit Hall 3	Deriving Value by Integration of Geosciences
Eisa, Sabry	Tue.	p.m.	14:15	Roof Terrace (Rhino Room)	Heavy Oil, Ultra Heavy Oil, and Tar Sand
El Saadi, Omar	Tue.	all-day	P 48	Exhibit Hall 3	Integration of Geophysics With Geology I
Emmel, Benjamin	Wed.	p.m.	14:55	1.61 & 1.62 (Leopard Room)	Basin Analysis and Petroleum System Elements II
Eruteya, Ovie	Wed.	all-day	P 28	Exhibit Hall 3	Integration of Geophysics With Geology II
Esterhuizen, Lynise	Tue.	a.m.	9:25	2.6 (Lion Room)	Southern African Basins
Esterhuyse, Surina	Wed.	p.m.	15:15	2.6 (Lion Room)	Ground Water and Hydrogeology
Ewherido, Tolulope	Tue.	a.m.	11:25	Auditorium 2 (Elephant Room)	Panel Session: Next Age Technology; Big Data, Big Success

PRESENTER CROSS REFERENCE

Presenter	Day	a.m./p.m.	Time/Booth	Location	Session Title
Familusi, Timi	Wed.	a.m.	11:25	Auditorium 2 (Elephant Room)	Special Session: E&P and the Environment We Live In
Fan, Zhao	Tue.	all-day	P 52	Exhibit Hall 3	Integration of Geophysics With Geology I
Faroppa, James	Mon.	p.m.	17:40	Auditorium 2 (Elephant Room)	South Atlantic Basins
Faroppa, James	Mon.	all-day	P 60	Exhibit Hall 3	Deep-Water Exploration and Production: Opportunities and Challenges
Faroppa, James	Wed.	p.m.	16:40	Roof Terrace (Rhino Room)	Seals and Fractures
Folkman, Yehoshua	Mon.	p.m.	15:35	1.63 & 1.64 (Buffalo Room)	Mediterranean Region Basins
Foschi, Martino	Wed.	p.m.	17:00	Roof Terrace (Rhino Room)	Seals and Fractures
Francis, Malcolm	Wed.	p.m.	12:10	1.63 & 1.64 (Buffalo Room)	Advancement in Seismic Technology
Francis, Malcolm	Wed.	a.m.	11:25	Auditorium 2 (Elephant Room)	Special Session: E&P and the Environment We Live In
Francis, Malcolm	Wed.	p.m.	14:10	Auditorium 2 (Elephant Room)	Super Basins
Frye, Matthew	Wed.	all-day	P 49	Exhibit Hall 3	Business and Regulatory Environment
Fullarton, Lisa	Mon.	p.m.	14:35	1.63 & 1.64 (Buffalo Room)	Mediterranean Region Basins
Garcia, Henry	Tue.	p.m.	17:40	1.63 & 1.64 (Buffalo Room)	Business and Regulatory Environment
Gardosh, Michael	Mon.	p.m.	14:55	1.63 & 1.64 (Buffalo Room)	Mediterranean Region Basins
Ge, Chen	Tue.	a.m.	9:45	Roof Terrace (Rhino Room)	Tight Gas Sand Reservoir
Ge, Chen	Tue.	all-day	P 4	Exhibit Hall 3	Conventional Reservoirs II
Ge, Xiang	Tue.	all-day	P 39	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Geel, Claire	Mon.	p.m.	16:35	1.63 & 1.64 (Buffalo Room)	Young Professionals v. Establishment; Next Generation of Energy Finders
Ghosh, Arnab	Tue.	p.m.	16:40	Auditorium 2 (Elephant Room)	Integration to Mitigate Uncertainty
Glover, Clare	Wed.	a.m.	9:05	Roof Terrace (Rhino Room)	Plate Tectonics
Godongwana, Vuyokazi	Mon.	p.m.	17:20	1.61 & 1.62 (Leopard Room)	Opportunity to Get More From Brown Fields
Golfré Andreasi, Federico	Wed.	p.m.	12:30	1.61 & 1.62 (Leopard Room)	Advancement in Reservoir Characterization
Griffith, Clyde	Wed.	a.m.	9:05	2.6 (Lion Room)	Dynamics of Source Rock
Griffith, Clyde	Wed.	all-day	P 6	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis II
Gristo, Pablo	Wed.	p.m.	12:30	2.6 (Lion Room)	Basin Analysis and Petroleum System Elements I
Gröver, Arnt	Tue.	all-day	P 32	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Haile, Beyene	Tue.	p.m.	14:35	2.6 (Lion Room)	Thermal Histories, Heat Flow, and Thermal Indicators
Hakim, Rizky	Mon.	p.m.	15:15	Roof Terrace (Rhino Room)	Oil From Shales and Carbonate Mudstones
Hall, Michael	Wed.	p.m.	17:00	1.61 & 1.62 (Leopard Room)	E&P and the Environment We Live In
Harris, Simon	Mon.	p.m.	14:35	2.6 (Lion Room)	Reservoir Characterization and Modeling I
Hasan, Sanatul Salwa	Mon.	a.m.	11:50	1.61 & 1.62 (Leopard Room)	Sequence Stratigraphy: E&P Tool
Hathon, Eric	Tue.	a.m.	11:25	Auditorium 2 (Elephant Room)	Panel Session: Next Age Technology; Big Data, Big Success
Hazarika, Nirod	Tue.	p.m.	14:35	Roof Terrace (Rhino Room)	Heavy Oil, Ultra Heavy Oil, and Tar Sand
Hernandez, Jonathan	Tue.	a.m.	9:45	1.61 & 1.62 (Leopard Room)	Application of Geophysics to Explore and Develop in Deep-Water
Hernon, Katie	Mon.	all-day	P 46	Exhibit Hall 3	New and Emerging Exploration Basins I
Hinne, Simon Junior	Mon.	p.m.	15:35	2.6 (Lion Room)	Reservoir Characterization and Modeling I
Hinne, Simon Junior	Wed.	all-day	P 40	Exhibit Hall 3	Innovation and Technology
Hodgson, Neil	Mon.	p.m.	12:10	1.63 & 1.64 (Buffalo Room)	History of Petroleum E&P in Africa
Hodgson, Neil	Tue.	a.m.	9:05	2.6 (Lion Room)	Southern African Basins
Hodgson, Neil	Tue.	p.m.	12:30	2.6 (Lion Room)	East African Basins
Hofmann, Michael	Tue.	a.m.	9:25	1.63 & 1.64 (Buffalo Room)	Outcrop Analogs
Hofmann, Michael	Wed.	all-day	P 29	Exhibit Hall 3	Deriving Value by Integration of Geosciences
Hole, Per	Tue.	all-day	P 44	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Horn, Brian	Mon.	p.m.	18:00	Auditorium 2 (Elephant Room)	South Atlantic Basins
Horn, Brian	Tue.	a.m.	9:25	1.61 & 1.62 (Leopard Room)	Application of Geophysics to Explore and Develop in Deep-Water
Hou, Maoguo	Tue.	all-day	P 40	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Hou, Yuguang	Mon.	p.m.	18:00	Roof Terrace (Rhino Room)	Rock Properties Characterization in Unconventional Reservoirs
Hoversten, Gary	Mon.	a.m.	11:50	Roof Terrace (Rhino Room)	Mapping Unconventional Reservoirs
Howe, Haleigh	Wed.	a.m.	10:05	1.63 & 1.64 (Buffalo Room)	Real Time Analysis and Well Planning
Hu, Guangyi	Wed.	all-day	P 20	Exhibit Hall 3	Integration of Geophysics With Geology II
Hu, Qinhong	Mon.	all-day	P 17	Exhibit Hall 3	Unconventional Reservoirs I
Hu, Qinhong	Tue.	all-day	P 29	Exhibit Hall 3	New and Emerging Exploration Basins II
Hurst, Neil	Wed.	all-day	P 18	Exhibit Hall 3	Tectonics, Basin and Trap Formation

PRESENTER CROSS REFERENCE

Presenter	Day	a.m./p.m.	Time/Booth	Location	Session Title
I'Anson, Amy	Wed.	p.m.	12:50	Roof Terrace (Rhino Room)	Basin Scale Tectonics and Structural Plays I
Illidge, Erick	Wed.	p.m.	12:50	1.61 & 1.62 (Leopard Room)	Advancement in Reservoir Characterization
Indrasatwika, Vian	Mon.	all-day	P 11	Exhibit Hall 3	Conventional Reservoirs I
Ismail, Hossam El Din	Mon.	p.m.	18:00	2.6 (Lion Room)	Reservoir Characterization and Modeling II
Jackson, Christopher	Tue.	p.m.	12:30	1.63 & 1.64 (Buffalo Room)	Lithofacies, Diagenesis, and Reservoir Quality
Jacquet, Benjamin	Tue.	p.m.	17:40	2.6 (Lion Room)	Hydrocarbon Seeps and Chemical Composition
Jawoodien, Abdullah	Wed.	all-day	P 38	Exhibit Hall 3	Deriving Value by Integration of Geosciences
Jimenez, Alfredo	Mon.	p.m.	17:00	Roof Terrace (Rhino Room)	Rock Properties Characterization in Unconventional Reservoirs
Jimenez, Alfredo	Mon.	all-day	P 42	Exhibit Hall 3	Exploration and Production in Mature Basins
Jing, Ziyang	Wed.	p.m.	12:50	1.63 & 1.64 (Buffalo Room)	Advancement in Seismic Technology
Kashif, Muhammad	Tue.	all-day	P 2	Exhibit Hall 3	Conventional Reservoirs II
Kashif, Muhammad	Tue.	all-day	P 3	Exhibit Hall 3	Conventional Reservoirs II
Kassem, Ahmed	Mon.	all-day	P 1	Exhibit Hall 3	Conventional Reservoirs I
Kaswandi, Achmad	Tue.	p.m.	15:35	Auditorium 2 (Elephant Room)	Basins From Rest of the World
Kazerouni, Afsoon	Mon.	all-day	P 20	Exhibit Hall 3	Unconventional Reservoirs I
Kazerouni, Afsoon	Wed.	p.m.	17:40	1.61 & 1.62 (Leopard Room)	E&P and the Environment We Live In
Kelly, Damian	Tue.	p.m.	17:20	Auditorium 2 (Elephant Room)	Integration to Mitigate Uncertainty
Khitrenko, Anton	Tue.	all-day	P 49	Exhibit Hall 3	Integration of Geophysics With Geology I
Khitrenko, Anton	Wed.	all-day	P 35	Exhibit Hall 3	Deriving Value by Integration of Geosciences
Kiberu, John	Tue.	all-day	P 27	Exhibit Hall 3	New and Emerging Exploration Basins II
Kramer, Niall	Mon.	a.m.	11:25	Auditorium 2 (Elephant Room)	Special Session: The Increasing Importance of Gas
Kumar, Amit	Wed.	a.m.	9:25	1.61 & 1.62 (Leopard Room)	Reservoir Characterization and Uncertainty Quantification
Kuznetsova, Alexandra	Mon.	a.m.	11:30	2.6 (Lion Room)	Reservoir Characterization in Well Placement and Geo-Steering
Laake, Andreas	Wed.	p.m.	12:10	1.63 & 1.64 (Buffalo Room)	Advancement in Seismic Technology
Ladan, Mordecai	Wed.	a.m.	9:00	Auditorium 2 (Elephant Room)	Special Session: Business and Regulatory Environment
Ladipo, Kehinde	Tue.	a.m.	9:00	Auditorium 2 (Elephant Room)	Special Session: History of Petroleum E&P in Africa
Laigle, Jean-Marie	Wed.	p.m.	16:40	1.63 & 1.64 (Buffalo Room)	Innovation in Petroleum System Analysis
Lamb, Kim	Mon.	all-day	P 48	Exhibit Hall 3	New and Emerging Exploration Basins I
Lang, Yue	Wed.	all-day	P 16	Exhibit Hall 3	Tectonics, Basin and Trap Formation
Lanisa, Ademola	Mon.	p.m.	16:35	1.63 & 1.64 (Buffalo Room)	Young Professionals v. Establishment; Next Generation of Energy Finders
Lanza, Luca	Wed.	a.m.	10:05	1.61 & 1.62 (Leopard Room)	Reservoir Characterization and Uncertainty Quantification
Lavoie, Denis	Tue.	p.m.	15:15	2.6 (Lion Room)	Thermal Histories, Heat Flow, and Thermal Indicators
Leadholm, Roy	Wed.	p.m.	16:40	1.61 & 1.62 (Leopard Room)	E&P and the Environment We Live In
Lebit, Hermann	Mon.	all-day	P 61	Exhibit Hall 3	Deep-Water Exploration and Production: Opportunities and Challenges
Lee, Chung Shen	Tue.	p.m.	15:15	1.61 & 1.62 (Leopard Room)	Integration for Facies Characterization
Li, Baogang	Tue.	a.m.	10:05	1.63 & 1.64 (Buffalo Room)	Outcrop Analogs
Liang, Feng	Mon.	all-day	P16	Exhibit Hall 3	Unconventional Reservoirs I
Liu, Junlong	Mon.	all-day	P 31	Exhibit Hall 3	Exploration and Production in Mature Basins
Liu, Zhanguo	Wed.	all-day	P 45	Exhibit Hall 3	Innovation and Technology
Lu, Feng	Tue.	a.m.	9:25	Roof Terrace (Rhino Room)	Tight Gas Sand Reservoir
Luciani, Andrea	Mon.	p.m.	14:15	2.6 (Lion Room)	Reservoir Characterization and Modeling I
Lukaye, Joshua	Tue.	all-day	P 43	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Luo, Pan	Tue.	p.m.	16:40	2.6 (Lion Room)	Hydrocarbon Seeps and Chemical Composition
Lyrio, Julio Cesar	Tue.	p.m.	14:15	1.61 & 1.62 (Leopard Room)	Integration for Facies Characterization
Lyrio, Julio Cesar	Wed.	p.m.	12:10	1.61 & 1.62 (Leopard Room)	Advancement in Reservoir Characterization
Lyrio, Julio Cesar	Wed.	all-day	P 42	Exhibit Hall 3	Innovation and Technology
Ma, Lun	Wed.	p.m.	15:35	Roof Terrace (Rhino Room)	Basin Scale Tectonics and Structural Plays II
Macgregor, Duncan	Tue.	p.m.	14:15	2.6 (Lion Room)	Thermal Histories, Heat Flow, and Thermal Indicators
Maduemezia, ND	Mon.	a.m.	9:50	Auditorium 2 (Elephant Room)	Africa Executive Plenary: Capitalizing on Africa's Success; Energy for Economic Prosperity
Magoba, Moses	Mon.	all-day	P 5	Exhibit Hall 3	Conventional Reservoirs I
Maguire, Alistair	Mon.	p.m.	12:30	2.6 (Lion Room)	Reservoir Characterization in Well Placement and Geo-Steering

PRESENTER CROSS REFERENCE

Presenter	Day	a.m./p.m.	Time/Booth	Location	Session Title
Mahlstedt, Nicolaj	Tue.	all-day	P 41	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Makangala, Anele	Wed.	all-day	P 30	Exhibit Hall 3	Deriving Value by Integration of Geosciences
Makhubele, Marvel	Tue.	all-day	P 28	Exhibit Hall 3	New and Emerging Exploration Basins II
Malada, Rendani	Mon.	all-day	P 17	Exhibit Hall 3	Unconventional Reservoirs I
Malan, Jean	Wed.	all-day	P 39	Exhibit Hall 3	Deriving Value by Integration of Geosciences
Maloney, Joseph	Tue.	p.m.	18:00	1.63 & 1.64 (Buffalo Room)	Business and Regulatory Environment
Marcal, Luiz	Wed.	a.m.	9:05	1.61 & 1.62 (Leopard Room)	Reservoir Characterization and Uncertainty Quantification
Marcal, Luiz Manoel	Wed.	all-day	P 25	Exhibit Hall 3	Integration of Geophysics With Geology II
Marsala, Alberto	Mon.	p.m.	12:50	2.6 (Lion Room)	Reservoir Characterization in Well Placement and Geo-Steering
Marsala, Alberto	Wed.	a.m.	9:25	1.63 & 1.64 (Buffalo Room)	Real Time Analysis and Well Planning
Marsala, Alberto	Wed.	p.m.	17:40	1.63 & 1.64 (Buffalo Room)	Innovation in Petroleum System Analysis
Martinez Duran, Pedro	Wed.	a.m.	10:05	Roof Terrace (Rhino Room)	Plate Tectonics
Maurand, Nicolas	Tue.	all-day	P 37	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
McClymont, Douglas	Tue.	a.m.	10:25	1.63 & 1.64 (Buffalo Room)	Outcrop Analogs
McClymont, Douglas	Tue.	p.m.	14:35	1.61 & 1.62 (Leopard Room)	Integration for Facies Characterization
McDermott, Ken	Wed.	a.m.	10:25	Roof Terrace (Rhino Room)	Plate Tectonics
Meciani, Lorenzo	Mon.	a.m.	11:30	1.63 & 1.64 (Buffalo Room)	History of Petroleum E&P in Africa
Meciani, Lorenzo	Wed.	p.m.	14:10	Auditorium 2 (Elephant Room)	Super Basins
Medvedev, Alexey	Tue.	p.m.	14:55	Auditorium 2 (Elephant Room)	Basins From Rest of the World
Melo, Anderson	Mon.	p.m.	15:15	1.61 & 1.62 (Leopard Room)	New Plays and New Approaches
Menon, Hari	Mon.	p.m.	16:40	Roof Terrace (Rhino Room)	Rock Properties Characterization in Unconventional Reservoirs
Mepaiyeda, Seyi	Mon.	all-day	P 27	Exhibit Hall 3	Exploration and Production in Mature Basins
Mhlambi, Sanelisiwe	Wed.	p.m.	17:20	Roof Terrace (Rhino Room)	Seals and Fractures
Michael, Nikolas	Mon.	all-day	P 54	Exhibit Hall 3	Deep-Water Exploration and Production: Opportunities and Challenges
Minken, Jon	Wed.	p.m.	14:35	1.61 & 1.62 (Leopard Room)	Basin Analysis and Petroleum System Elements II
Mitha, Omar	Mon.	a.m.	11:25	Auditorium 2 (Elephant Room)	Special Session: The Increasing Importance of Gas
Mmemma, Mduzuzi	Tue.	p.m.	18:00	Auditorium 2 (Elephant Room)	Integration to Mitigate Uncertainty
Mohammed, Saeed	Tue.	p.m.	15:15	Roof Terrace (Rhino Room)	Heavy Oil, Ultra Heavy Oil, and Tar Sand
Mokoele, Salmina	Mon.	all-day	P45	Exhibit Hall 3	Exploration and Production in Mature Basins
Moscariello, Andrea	Mon.	p.m.	16:35	1.63&1.64 (Buffalo Room)	Young Professionals v. Establishment; Next Generation of Energy Finders
Moscariello, Andrea	Mon.	all-day	P 43	Exhibit Hall 3	Exploration and Production in Mature Basins
Moscariello, Andrea	Tue.	all-day	P 30	Exhibit Hall 3	New and Emerging Exploration Basins II
Moyes, Chris	Mon.	a.m.	9:00	Auditorium 2 (Elephant Room)	Global Executive Plenary: Global Energy Supply and Demand; Where Does the Road Lead?
Msezane, Bhekithemba	Tue.	a.m.	10:25	2.6 (Lion Room)	Southern African Basins
Mustafa, Ayyaz	Mon.	p.m.	17:20	Roof Terrace (Rhino Room)	Rock Properties Characterization in Unconventional Reservoirs
Myers, Keith	Mon.	a.m.	11:50	1.63 & 1.64 (Buffalo Room)	History of Petroleum E&P in Africa
Myers, Keith	Tue.	a.m.	10:00	Auditorium 2 (Elephant Room)	Special Session: History of Petroleum E&P in Africa
Nader, Fadi	Wed.	p.m.	18:00	2.6 (Lion Room)	Deriving Value by Integration of Geosciences
Naidoo, Sumesh	Tue.	p.m.	16:40	1.63 & 1.64 (Buffalo Room)	Business and Regulatory Environment
Ndibo, Siphon	Mon.	all-day	P 40	Exhibit Hall 3	Exploration and Production in Mature Basins
Ndokwu, Chidi	Mon.	all-day	P 10	Exhibit Hall 3	Conventional Reservoirs I
Ndombi, Roland	Mon.	p.m.	16:35	1.63 & 1.64 (Buffalo Room)	Young Professionals v. Establishment; Next Generation of Energy Finders
Ndulue, Ijeoma	Wed.	p.m.	12:30	1.63 & 1.64 (Buffalo Room)	Advancement in Seismic Technology
Neethling, Jacobus	Tue.	all-day	P 5	Exhibit Hall 3	Conventional Reservoirs II
Neto, Joaquim	Mon.	all-day	P 38	Exhibit Hall 3	Exploration and Production in Mature Basins
Ngcongco, Sbonelo	Wed.	a.m.	11:30	1.61 & 1.62 (Leopard Room)	Advancement in Reservoir Characterization
Nguyen, Huyen	Mon.	all-day	P 24	Exhibit Hall 3	Unconventional Reservoirs I
Niezabitowska, Dominika	Wed.	all-day	P 24	Exhibit Hall 3	Integration of Geophysics With Geology II
Nifuku, Ko	Tue.	all-day	P 36	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Ning, Fei	Tue.	all-day	P 31	Exhibit Hall 3	New and Emerging Exploration Basins II
Ning, Fei	Wed.	all-day	P 11	Exhibit Hall 3	Tectonics, Basin and Trap Formation
Nuzzo, Marianne	Wed.	all-day	P 36	Exhibit Hall 3	Deriving Value by Integration of Geosciences

PRESENTER CROSS REFERENCE

Presenter	Day	a.m./p.m.	Time/Booth	Location	Session Title
Obidairo, Thomas	Tue.	a.m.	11:25	Auditorium 2 (Elephant Room)	Panel Session: Next Age Technology; Big Data, Big Success
Ocitti, Felix Bob	Wed.	p.m.	12:10	2.6 (Lion Room)	Basin Analysis and Petroleum System Elements I
Oghenekome, Monica	Wed.	all-day	P 23	Exhibit Hall 3	Integration of Geophysics With Geology II
Oifoghe, Stanley	Mon.	all-day	P12	Exhibit Hall 3	Conventional Resources I
Ojo, Olusola	Wed.	p.m.	15:35	1.61 & 1.62 (Leopard Room)	Basin Analysis and Petroleum System Elements II
Oludemi, Eniola	Wed.	a.m.	9:00	Auditorium 2 (Elephant Room)	Special Session: Business and Regulatory Environment
Ortenzi, Andrea	Tue.	a.m.	11:30	1.63 & 1.64 (Buffalo Room)	Lithofacies, Diagenesis, and Reservoir Quality
Otoghile, Charles	Wed.	all-day	P 19	Exhibit Hall 3	Integration of Geophysics With Geology II
Otunola, Beatrice	Tue.	all-day	P 26	Exhibit Hall 3	New and Emerging Exploration Basins II
Pandey, Adesh	Tue.	p.m.	15:15	Auditorium 2 (Elephant Room)	Basins From Rest of the World
Pandey, Rajesh	Tue.	all-day	P 13	Exhibit Hall 3	Conventional Reservoirs II
Pang, Zhenglian	Tue.	all-day	P 24	Exhibit Hall 3	Unconventional Reservoirs II
Pankaj, Piyush	Tue.	a.m.	11:30	Roof Terrace (Rhino Room)	Unconventional Gas
Parashar, Sarvagya	Mon.	p.m.	12:30	Roof Terrace (Rhino Room)	Mapping Unconventional Reservoirs
Park, Anthony	Mon.	a.m.	11:50	2.6 (Lion Room)	Reservoir Characterization in Well Placement and Geo-Steering
Pattnaik, Chinmaya	Mon.	p.m.	12:10	2.6 (Lion Room)	Reservoir Characterization in Well Placement and Geo-Steering
Paumard, Victorien	Tue.	a.m.	9:05	1.61 & 1.62 (Leopard Room)	Application of Geophysics to Explore and Develop in Deep-Water
Pelosi, Ana Paula	Wed.	p.m.	12:10	Roof Terrace (Rhino Room)	Basin Scale Tectonics and Structural Plays I
Pendock, Neil	Tue.	p.m.	12:30	Roof Terrace (Rhino Room)	Unconventional Gas
Pendock, Neil	Wed.	all-day	P 31	Exhibit Hall 3	Deriving Value by Integration of Geosciences
Penfield, Glen	Mon.	all-day	P 49	Exhibit Hall 3	New and Emerging Exploration Basins I
Pepper, Andrew	Mon.	p.m.	14:15	Roof Terrace (Rhino Room)	Oil From Shales and Carbonate Mudstones
Pichat, Alexandre	Tue.	p.m.	17:40	1.61 & 1.62 (Leopard Room)	Mobile Substrate and Related Traps
Popova, Olga	Mon.	all-day	P 14	Exhibit Hall 3	Unconventional Reservoirs I
Prasad, Umesh	Wed.	a.m.	9:45	1.63 & 1.64 (Buffalo Room)	Real Time Analysis and Well Planning
Pritama, Renky	Mon.	p.m.	12:50	1.61 & 1.62 (Leopard Room)	Sequence Stratigraphy: E&P Tool
Putra, Desma	Tue.	all-day	P 46	Exhibit Hall 3	Integration of Geophysics With Geology I
Putra, Teddy	Mon.	all-day	P 34	Exhibit Hall 3	Exploration and Production in Mature Basins
Putra, Teddy	Wed.	all-day	P 3	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis II
Putuhena, Hugo	Wed.	p.m.	17:40	2.6 (Lion Room)	Deriving Value by Integration of Geosciences
Qiu, Zhen	Tue.	all-day	P 14	Exhibit Hall 3	Unconventional Reservoirs II
Radwan, Ahmed	Mon.	all-day	P 32	Exhibit Hall 3	Exploration and Production in Mature Basins
Radwan, Ahmed	Tue.	all-day	P 54	Exhibit Hall 3	Integration of Geophysics With Geology I
Radwan, Ahmed	Tue.	all-day	P 58	Exhibit Hall 3	Integration of Geophysics With Geology I
Ramphaka, Lerato	Wed.	all-day	P 2	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis II
Rao, Srinivasa	Mon.	p.m.	15:15	2.6 (Lion Room)	Reservoir Characterization and Modeling I
Rautela, Chandra Mohan	Mon.	all-day	P 3	Exhibit Hall 3	Conventional Reservoirs I
Rawat, Sushma	Wed.	all-day	P 7	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis II
Rebel, Hendrik	Mon.	all-day	P 55	Exhibit Hall 3	Deep-Water Exploration and Production: Opportunities and Challenges
Redfern, Jonathan	Wed.	a.m.	9:25	2.6 (Lion Room)	Dynamics of Source Rock
Refunjol, Xavier	Mon.	p.m.	18:00	1.61 & 1.62 (Leopard Room)	Opportunity to Get More From Brown Fields
Rehman, Mati ur	Tue.	all-day	P 47	Exhibit Hall 3	Integration of Geophysics With Geology I
Reiser, Cyrille	Tue.	p.m.	17:00	Auditorium 2 (Elephant Room)	Integration to Mitigate Uncertainty
Renaldy, Rizky	Wed.	p.m.	18:00	Roof Terrace (Rhino Room)	Seals and Fractures
Reuber, Kyle	Mon.	p.m.	17:00	Auditorium 2 (Elephant Room)	South Atlantic Basins
Reuber, Kyle	Tue.	a.m.	10:05	2.6 (Lion Room)	Southern African Basins
Ringenbach, Jean-Claude	Tue.	p.m.	16:40	1.61 & 1.62 (Leopard Room)	Mobile Substrate and Related Traps
Ringenbach, Jean-Claude	Wed.	a.m.	9:25	Roof Terrace (Rhino Room)	Plate Tectonics
Rodriguez, Karyna	Mon.	all-day	P 9	Exhibit Hall 3	Conventional Reservoirs I
Rodriguez, Karyna	Tue.	p.m.	12:10	2.6 (Lion Room)	East African Basins
Rodriguez, Karyna	Wed.	p.m.	17:40	Roof Terrace (Rhino Room)	Seals and Fractures
Rohais, Sébastien	Mon.	all-day	P 56	Exhibit Hall 3	Deep-Water Exploration and Production: Opportunities and Challenges
Rohead-O'Brien, Hayley	Wed.	p.m.	14:35	Roof Terrace (Rhino Room)	Basin Scale Tectonics and Structural Plays II
Rose, Candice	Tue.	a.m.	9:05	Roof Terrace (Rhino Room)	Tight Gas Sand Reservoir

PRESENTER CROSS REFERENCE

Presenter	Day	a.m./p.m.	Time/Booth	Location	Session Title
Saha, Chandan	Mon.	p.m.	14:15	1.61 & 1.62 (Leopard Room)	New Plays and New Approaches
Sajjad, Musharraf	Wed.	all-day	P 21	Exhibit Hall 3	Integration of Geophysics With Geology II
Sakala, Emmanuel	Wed.	p.m.	14:55	2.6 (Lion Room)	Ground Water and Hydrogeology
Salomo, Jonathan	Mon.	all-day	P 51	Exhibit Hall 3	New and Emerging Exploration Basins I
Samakinde, Chris	Wed.	all-day	P 5	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis II
Santoshini, Samita	Mon.	p.m.	17:00	2.6 (Lion Room)	Reservoir Characterization and Modeling II
Sarkar, Arka Dyuti	Tue.	p.m.	14:55	2.6 (Lion Room)	Thermal Histories, Heat Flow, and Thermal Indicators
Sathyamoorthy, Sekhar	Tue.	a.m.	11:50	1.61 & 1.62 (Leopard Room)	Geological Modeling and Reservoir Characterization of Deep-Water Systems
Sattler, Ute	Tue.	a.m.	11:30	2.6 (Lion Room)	East African Basins
Sayidini, Bongani	Mon.	a.m.	9:00	Auditorium 2 (Elephant Room)	Global Executive Plenary: Global Energy Supply and Demand; Where Does the Road Lead?
Scarselli, Nicola	Tue.	p.m.	12:50	1.61 & 1.62 (Leopard Room)	Geological Modeling and Reservoir Characterization of Deep-Water Systems
Scarselli, Nicola	Wed.	p.m.	17:20	1.63 & 1.64 (Buffalo Room)	Innovation in Petroleum System Analysis
Schalkwyk, Xavier	Mon.	all-day	P 15	Exhibit Hall 3	Unconventional Reservoirs I
Schreiner, Greg	Wed.	a.m.	11:25	Auditorium 2 (Elephant Room)	Special Session: E&P and the Environment We Live In
Schueller, Sylvie	Wed.	all-day	P 18	Exhibit Hall 3	Tectonics, Basin and Trap Formation
Schwarze, Liz	Mon.	a.m.	9:00	Auditorium 2 (Elephant Room)	Global Executive Plenary: Global Energy Supply and Demand; Where Does the Road Lead?
Shaw, Erena	Tue.	p.m.	12:30	1.61 & 1.62 (Leopard Room)	Geological Modeling and Reservoir Characterization of Deep-Water Systems
Shi, Jianglong	Mon.	all-day	P 7	Exhibit Hall 3	Conventional Reservoirs I
Shi, Zhongsheng	Mon.	p.m.	17:00	1.61 & 1.62 (Leopard Room)	Opportunity to Get More From Brown Fields
Shin, Hyundon	Tue.	a.m.	10:25	Roof Terrace (Rhino Room)	Tight Gas Sand Reservoir
Shino, Maggy	Wed.	a.m.	9:00	Auditorium 2 (Elephant Room)	Special Session: Business and Regulatory Environment
Shrivastava, Chandramani	Mon.	all-day	P 25	Exhibit Hall 3	Unconventional Reservoirs I
Shrivastava, Chandramani	Wed.	p.m.	14:55	1.63 & 1.64 (Buffalo Room)	Advancement in Formation Evaluation and Characterization
Shukla, Monika	Tue.	all-day	P 12	Exhibit Hall 3	Conventional Reservoirs II
Silva, Mateus	Tue.	p.m.	15:35	2.6 (Lion Room)	Thermal Histories, Heat Flow, and Thermal Indicators
Skaryatin, Mikhail	Tue.	all-day	P 33	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis I
Skaryatin, Mikhail	Wed.	a.m.	11:30	Roof Terrace (Rhino Room)	Basin Scale Tectonics and Structural Plays I
Skosana, Given	Tue.	all-day	P 53	Exhibit Hall 3	Integration of Geophysics With Geology I
Song, Guangyong	Tue.	all-day	P 16	Exhibit Hall 3	Unconventional Reservoirs II
Song, Laiming	Wed.	all-day	P 43	Exhibit Hall 3	Innovation and Technology
Spaak, Michael	Wed.	a.m.	11:30	2.6 (Lion Room)	Basin Analysis and Petroleum System Elements I
Stanca, Roxana	Wed.	a.m.	9:45	Roof Terrace (Rhino Room)	Plate Tectonics
Stanton, Sigrun	Mon.	p.m.	14:15	1.63 & 1.64 (Buffalo Room)	Mediterranean Region Basins
Staroselskiy, Evgen	Tue.	all-day	P 45	Exhibit Hall 3	Integration of Geophysics With Geology I
Sternbach, Charles	Wed.	p.m.	14:10	Auditorium 2 (Elephant Room)	Super Basins
Studer, Florian	Wed.	a.m.	11:50	1.63 & 1.64 (Buffalo Room)	Advancement in Seismic Technology
Sumiarso, Aryo	Wed.	a.m.	10:25	1.63 & 1.64 (Buffalo Room)	Real Time Analysis and Well Planning
Sun, Mengdi	Mon.	all-day	P 22	Exhibit Hall 3	Unconventional Reservoirs I
Surovtsev, Dmitry	Tue.	p.m.	17:00	1.63 & 1.64 (Buffalo Room)	Business and Regulatory Environment
Sutcliffe, Owen	Mon.	p.m.	14:35	1.61 & 1.62 (Leopard Room)	New Plays and New Approaches
Swart, Roger	Tue.	a.m.	9:45	1.63 & 1.64 (Buffalo Room)	Outcrop Analogs
Tao, Shizhen	Tue.	p.m.	17:20	2.6 (Lion Room)	Hydrocarbon Seeps and Chemical Composition
Tian, Jie	Mon.	all-day	P 19	Exhibit Hall 3	Unconventional Reservoirs I
Tian, Miao	Wed.	all-day	P 26	Exhibit Hall 3	Integration of Geophysics With Geology II
Tian, Mingzhi	Tue.	p.m.	12:10	1.63 & 1.64 (Buffalo Room)	Lithofacies, Diagenesis, and Reservoir Quality
Titaley, Grace	Mon.	p.m.	17:20	2.6 (Lion Room)	Reservoir Characterization and Modeling II
Tongfei, Huang	Wed.	all-day	P 17	Exhibit Hall 3	Tectonics, Basin and Trap Formation
Tuan, Hoang	Tue.	all-day	P 8	Exhibit Hall 3	Conventional Reservoirs II
Tukimin, Nurmaliza	Tue.	a.m.	11:50	1.63 & 1.64 (Buffalo Room)	Lithofacies, Diagenesis, and Reservoir Quality
Tyrrell, Matthew	Mon.	p.m.	16:40	Auditorium 2 (Elephant Room)	South Atlantic Basins
Tyrrell, Matthew	Tue.	p.m.	12:10	1.61 & 1.62 (Leopard Room)	Geological Modeling and Reservoir Characterization of Deep-Water Systems
Tyrrell, Matthew	Wed.	p.m.	12:30	Roof Terrace (Rhino Room)	Basin Scale Tectonics and Structural Plays I
Uppal, Surinder	Tue.	all-day	P 6	Exhibit Hall 3	Conventional Reservoirs II
Utjavari, Uaapi	Tue.	a.m.	9:45	2.6 (Lion Room)	Southern African Basins

PRESENTER CROSS REFERENCE

Presenter	Day	a.m./p.m.	Time/Booth	Location	Session Title
Van Bloemenstein, Chantell	Wed.	all-day	P 34	Exhibit Hall 3	Deriving Value by Integration of Geosciences
Veenstra, Friso	Tue.	p.m.	17:20	1.63 & 1.64 (Buffalo Room)	Business and Regulatory Environment
Verma, Narendra	Wed.	a.m.	9:00	Auditorium 2 (Elephant Room)	Special Session: Business and Regulatory Environment
Waldman, Nicolas	Mon.	p.m.	15:15	1.63 & 1.64 (Buffalo Room)	Mediterranean Region Basins
Waldman, Nicolas	Wed.	a.m.	10:25	2.6 (Lion Room)	Dynamics of Source Rock
Walker, Faye	Tue.	p.m.	14:15	Auditorium 2 (Elephant Room)	Basins From Rest of the World
Wang, Dapeng	Mon.	all-day	P 55	Exhibit Hall 3	Deep-Water Exploration and Production: Opportunities and Challenges
Wang, Jingyi	Tue.	all-day	P 19	Exhibit Hall 3	Unconventional Reservoirs II
Wang, Yanqing	Mon.	all-day	P 35	Exhibit Hall 3	Exploration and Production in Mature Basins
Wang, Yanqing	Mon.	all-day	P 36	Exhibit Hall 3	Exploration and Production in Mature Basins
Wanke, Ansgar	Mon.	all-day	P 47	Exhibit Hall 3	New and Emerging Exploration Basins I
Watkins, Carl	Tue.	a.m.	10:25	1.61 & 1.62 (Leopard Room)	Application of Geophysics to Explore and Develop in Deep-Water
Webb, Susan	Tue.	all-day	P 18	Exhibit Hall 3	Unconventional Reservoirs II
Weili, Ke	Mon.	all-day	P 33	Exhibit Hall 3	Exploration and Production in Mature Basins
Welcome, Leiaka	Tue.	p.m.	12:50	2.6 (Lion Room)	East African Basins
Wen, Jiatao	Wed.	all-day	P 22	Exhibit Hall 3	Integration of Geophysics With Geology II
Wu, Ivan Zhia Ming	Tue.	p.m.	12:50	1.63 & 1.64 (Buffalo Room)	Lithofacies, Diagenesis, and Reservoir Quality
Wu, Jinlong	Mon.	all-day	P 11	Exhibit Hall 3	Conventional Reservoirs I
Wu, Jinlong	Mon.	all-day	P 24	Exhibit Hall 3	Unconventional Reservoirs I
Wu, Jinlong	Mon.	all-day	P 26	Exhibit Hall 3	Exploration and Production in Mature Basins
Wu, Jinlong	Wed.	p.m.	14:35	1.63 & 1.64 (Buffalo Room)	Advancement in Formation Evaluation and Characterization
Wu, Jinlong	Wed.	p.m.	15:35	1.63 & 1.64 (Buffalo Room)	Advancement in Formation Evaluation and Characterization
Wu, Liqun	Tue.	all-day	P 17	Exhibit Hall 3	Unconventional Reservoirs II
Wygrala, Bjorn	Wed.	a.m.	11:50	2.6 (Lion Room)	Basin Analysis and Petroleum System Elements I
Xiao, Da Kun	Wed.	all-day	P 37	Exhibit Hall 3	Deriving Value by Integration of Geosciences
Xing, Hui	Wed.	all-day	P 44	Exhibit Hall 3	Innovation and Technology
Xu, Anna	Tue.	p.m.	18:00	1.61 & 1.62 (Leopard Room)	Mobile Substrate and Related Traps
Xu, Anna	Wed.	a.m.	9:45	1.61 & 1.62 (Leopard Room)	Reservoir Characterization and Uncertainty Quantification
Xu, Xinyu	Tue.	all-day	P 25	Exhibit Hall 3	New and Emerging Exploration Basins II
Xu, Yanhong	Mon.	all-day	P 23	Exhibit Hall 3	Unconventional Reservoirs I
Xu, Yin	Mon.	all-day	P 8	Exhibit Hall 3	Conventional Reservoirs I
Xue, Luo	Wed.	all-day	P 15	Exhibit Hall 3	Tectonics, Basin and Trap Formation
Yallup, Christine	Mon.	p.m.	12:10	Roof Terrace (Rhino Room)	Mapping Unconventional Reservoirs
Yami, Eman	Mon.	p.m.	16:35	1.63 & 1.64 (Buffalo Room)	Young Professionals v. Establishment; Next Generation of Energy Finders
Yang, Rui	Mon.	p.m.	17:40	Roof Terrace (Rhino Room)	Rock Properties Characterization in Unconventional Reservoirs
Yang, Shiduo	Mon.	a.m.	11:30	Roof Terrace (Rhino Room)	Mapping Unconventional Reservoirs
Yang, Shiduo	Wed.	all-day	P 12	Exhibit Hall 3	Tectonics, Basin and Trap Formation
Yang, Wei	Tue.	p.m.	12:10	Roof Terrace (Rhino Room)	Unconventional Gas
Yin, Jinyin	Mon.	all-day	P 57	Exhibit Hall 3	Deep-Water Exploration and Production: Opportunities and Challenges
Yu, Qing	Wed.	all-day	P 4	Exhibit Hall 3	Petroleum Systems, Basin Modeling, and Risk Analysis II
Zhang, Diqui	Mon.	all-day	P 39	Exhibit Hall 3	Exploration and Production in Mature Basins
Zhang, Diqui	Tue.	all-day	P 22	Exhibit Hall 3	Unconventional Reservoirs II
Zhang, Guangya	Wed.	p.m.	14:55	Roof Terrace (Rhino Room)	Basin Scale Tectonics and Structural Plays II
Zhang, Qin	Tue.	all-day	P 15	Exhibit Hall 3	Unconventional Reservoirs II
Zhang, Si-Hai	Tue.	all-day	P 50	Exhibit Hall 3	Integration of Geophysics With Geology I
Zheng, Hongju	Wed.	all-day	P 47	Exhibit Hall 3	Business and Regulatory Environment
Zheng, Tianyu	Tue.	all-day	P 23	Exhibit Hall 3	Unconventional Reservoirs II
Zheng, Tianyu	Tue.	all-day	P21	Exhibit Hall 3	Unconventional Reservoirs II
Zhu, Chao	Tue.	p.m.	14:55	1.61 & 1.62 (Leopard Room)	Integration for Facies Characterization
Zieba, Krzysztof	Wed.	p.m.	17:00	1.63 & 1.64 (Buffalo Room)	Innovation in Petroleum System Analysis
Zuhlke, Rainer	Mon.	p.m.	14:55	2.6 (Lion Room)	Reservoir Characterization and Modeling I

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- A large crowd of people is seen from behind, looking towards an exhibition area. In the background, several national flags are visible, including the flag of the United Kingdom. A yellow diagonal line runs across the image from the top left to the bottom right. A red horizontal line and a blue horizontal line intersect at a point on the right side of the image, forming a triangle that points towards the crowd.
- ▶ International Pavilion
 - ▶ Exhibition Highlights
 - ▶ Exhibitor Listing
 - ▶ Exhibition Floor Plan
 - ▶ Exhibitor Directory

EXHIBITION INFORMATION

INTERNATIONAL PAVILION

Come Explore ... A World of Opportunity!

The mission of the AAPG International Pavilion (IP) is to help provide a world-class showcase for NOCs, Governments, and Ministries promoting exploration and investment opportunities. The IP focuses on providing a platform for bringing together countries with oil and gas resources and oil and gas companies looking to explore and produce them.

The IP enables attendees and explorers to review global opportunities, learn about the latest discoveries and bid round offerings, and network directly with representatives from the countries who know the opportunities in detail. Attendees can expect to come away with heightened insight into current and future global activity. The IP will no doubt be a highlight of the event!

In addition to the traditional exhibition of countries, the IP will be hosting an IP THEATRE inside the Exhibit Hall. Presentations in the IP THEATRE will be focused on:

- ▶ Licensing Rounds
- ▶ Open Acreage and Current Activity
- ▶ Exploration Opportunities

The IP THEATRE will kick off on Monday afternoon with presentations commencing at 14:00 and will continue through Tuesday morning starting at 10:00. Exact schedule of presentations will be available at the IP THEATRE and the Registration Desk. Presentations that are scheduled include:

ISRAEL

Ministry of Energy

PHILIPPINES

Department of Energy

LEBANON

Lebanon Petroleum Agency

SENEGAL

PETROSEN

MOROCCO

ONHYM

SOUTH AFRICA

Petroleum Agency SA

MOZAMBIQUE

National Petroleum Institute (INP)

TANZANIA

Tanzania Development & Production Corporation

NAMIBA

NAMCOR

URUGUAY

ANCAP

PAUPA NEW GUINEA

PNG Chamber of Mines & Petroleum

AAPG
INTERNATIONAL PAVILION
www.internationalpavilion.com



International Pavilion Location: Exhibit Hall 3

International Pavilion Hours:

- ▶ Sunday 18:00–19:30
- ▶ Monday 09:00–19:00
- ▶ Tuesday 09:00–19:00
- ▶ Wednesday 09:00–19:00



EXHIBITION HIGHLIGHTS

For more than 30 years, ICE has provided a platform for formulating solutions to the key challenges facing the energy industry. Explore the exhibition to uncover the latest findings, products, services, and best practices used by leading geo-service providers that will help deliver results to your business.

Exhibition Location: Ground Floor, Hall 3

Exhibit Hours:

- ▶ Sunday 18:00–19:30
- ▶ Monday 09:00–18:30
- ▶ Tuesday 09:00–18:30
- ▶ Wednesday 09:00–18:30

Networking in the Exhibition:

Sunday	18:00–19:30	Icebreaker Reception
Monday	10:45–11:25	Daily Morning Refreshment Break
	15:55–16:35	Daily Afternoon Refreshment Break
	18:00–19:00	End-of-Day Reception
Tuesday	10:45–11:25	Daily Morning Refreshment Break
	15:55–16:35	Daily Afternoon Refreshment Break
	18:00–19:00	End-of-Day Reception
Wednesday	10:45–11:25	Daily Morning Refreshment Break
	15:55–16:35	Daily Afternoon Refreshment Break
	18:00–19:00	End-of-Day Reception

Core Display: Producing Offshore Oil and Gas Reservoirs of South Africa

Days: Sunday–Wednesday
Times: 18:00–19:30 (Sunday)
 09:00–18:30 (Monday–Wednesday)
Location: Exhibit Hall 3, Booth #704
Fee: Included with Registration

On display are various reservoirs from the Bredasdorp Basin, encompassing both conventional and unconventional (104m from 8 wells), representing multiple depositional environments from shallow marine deposits to basin floor fans. The cores tell the story of the tectonic phases associated with the evolution of the basin, from synrift to post-rift thermal subsidence (drift on-set phase), taking into account the influence and effect of burial history.

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EXHIBITION FLOOR PLAN



EXHIBITOR DIRECTORY

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3D-GEO Pty Ltd is an Australia based geoscience/reservoir engineering consultancy with 18 years in the industry. 3D-GEO has demonstrated expertise in seismic processing/interpretation, QI geophysics, structural analysis, sequence stratigraphy, basin modeling/geochemistry, petrophysics and reservoir engineering.

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AAPG is the premier global organization for petroleum explorationists with more than 35,000 members in 129 countries. The purpose of AAPG is to foster scientific research, to advance the science of geology, to promote technology, and to inspire high professional conduct.

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The Central Energy Fund of South Africa is the holding company for the following entities: PetroSA; Petroleum Agency (PASA); The Strategic Fuel Fund Association(SFF); African Exploration Mining and Finance Corporation and IGas.

Core Display704

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- A large, high-resolution aerial photograph of Cape Town, South Africa, serves as the background. The image captures the iconic Table Mountain with its flat top, the dense urban landscape of the city, and the Varsity Stadium situated near the waterfront. The sky is filled with wispy white clouds against a deep blue backdrop. A prominent yellow diagonal line runs from the top left towards the bottom right, intersecting the list of topics. A red horizontal line is positioned above the 'GENERAL INFORMATION' header, and a blue horizontal line is positioned below it.
- ▶ **Registration Hours and Location**
 - ▶ **ICE Service Center**
 - ▶ **Business**
 - ▶ **Lost and Found**
 - ▶ **No Electronic Capturing**
 - ▶ **No Smoking**
 - ▶ **Social Media**
 - ▶ **AAPG Events App**
 - ▶ **Safety and Security**
 - ▶ **Parking and Transportation**
 - ▶ **Code of Conduct**

GENERAL INFORMATION

Registration

Location: Ground Level, Exhibit Hall 3

Saturday 09:00–17:00
Sunday 09:00–18:00
Monday 07:30–17:30
Tuesday 07:30–17:30
Wednesday 07:30–14:00

ICE Service Center (Speakers/Judges/Volunteers)

Location: Level 1, Meeting Suites 1.91 and 1.92

Sunday 10:00–18:00
Monday 07:00–18:30
Tuesday 07:00–18:30
Wednesday 07:00–16:30

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

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

Judges are still needed! Inquire at the ICE Service Center.

Business Center

Location: Ground Level next to Hall 1A

The CTICC's business center offers a number of business services to keep you in touch with your business or clients while attending the conference. The business center services include: printing, photocopying, faxing and a courier service.

Prayer Room

Located: Registration Foyer, CTICC 1

The CTICC accommodates people of all persuasions and religion and as such the centre has a dedicated prayer room for all patrons.

Lost and Found

Items found during the conference should be turned in to ICE Show Management staff personnel located in Registration. If your lost items have not been turned in, you can leave contact information at Registration.

No Electronic Capturing

Photography and video/audio recording of any kind are strictly prohibited inside the Exhibit Hall, technical sessions, poster sessions or luncheons.

No Smoking Policy

Smoking is prohibited inside the Cape Town International Convention Centre.

Stay Connected. Go Social!

Like and follow AAPG to stay up-to-date and to get the latest news and updates happening during the Conference. Join the conversation to share your comments and photos using the official conference hashtags (#ICE2018 | #ICECapeTown).

Download the AAPG Events App

Available for both iOS and Android devices, the AAPG Events App allows you access to all the conference information and details in the palm of your hand. Download for FREE today!

- ▶ View the full technical program
- ▶ See the full exhibitor listing
- ▶ Navigate the exhibition with the interactive floor plan
- ▶ Find general information, times, and locations
- ▶ Search individual speakers and presenters
- ▶ Create a custom schedule to help plan your day
- ▶ Add presentations, speakers, exhibitors, and sponsors to your favorites

Safety and Security

South Africa's Cape Town is one of the largest cities in the world. And while the city does have industrialized areas and modern services, the country itself has significant pockets of poverty. Below are a handful of tips on how to stay safe while in Cape Town:

- ▶ Play it safe when using an ATM and use them only inside respected stores or banks.
- ▶ Purse snatching is a common crime within Cape Town. Wear over the shoulder bags or try to not carry one at all. This includes backpacks.
- ▶ Travel in groups and stick to well-lit areas when walking around at night.
- ▶ Avoid Long Street as it is known to be unsafe.
- ▶ Avoid wearing flashy expensive jewelry, watches, or clothing.
- ▶ Public Transportation is generally safe, however note that taking a marked cab at night is the best option.
- ▶ There are ongoing tensions between Uber and metered taxis. Please use caution when using either service.
- ▶ Due to thefts at OR Tambo International Airport in Johannesburg, you should vacuum-wrap luggage where local regulations permit. Keep all valuables in your carry-on luggage.

Emergency Numbers in Cape Town:

- ▶ Emergencies From a Mobile: **112**
- ▶ Medical & Fire Emergencies: **021 535 1100**
- ▶ Ambulance: **10177**
- ▶ Emergency Service (Police): **10111**
- ▶ Hotline for American Travelers: **+1 202 647 5225**
- ▶ USA Embassy in Pretoria, South Africa: **+27 12 431 4000**
- ▶ The Office of South African National Tourism Information and Safety: **+27 083 123 2345**

CTICC On-Site Medical Assistance

The CTICC is fully equipped to handle first-rate medical assistance to visitors. There is an on-site Medical Facility located at the back of Exhibit Hall 3. For more information you can email (info@cticc.co.za).

- ▶ **Christaan Barnard Memorial Hospital** (Open 24 hours)
13 Rua Bartholomeu Dias Plain
Cape Town City Centre, Cape Town 8000, South Africa
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Parking and Transportation

Parking at the CTICC is never a problem with more than 1,400 secure and easily accessible on-site parking bays available to visitors. Prepaid parking tariffs for Exhibition and conferences R50 exit tickets per day.

Transportation options are available to get you wherever you need to go. They include:

- ▶ **Integrated Rapid Transport System** – Cape Town's sophisticated bus transport system.
- ▶ **MyCiTi Shuttles** – Shuttles that offer efficient and safe public transport across the city. The CTICC is conveniently located on one of the MiCiTi routes which runs to and from the airport.

For additional options and information regarding parking and transport visit (www.cticc.co.za/visitors/parking-transport).

Cape Town International Convention Centre (CTICC)

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Email: info@cticc.co.za

Code of Conduct

The American Association of Petroleum Geologists' International Conference and Exhibition (ICE) is conducted for the benefit of its members and interested parties to advance the science of geology, promote technology, and facilitate networking and collaboration between professionals within the world's geosciences community.

AAPG values the participation of its members and guests and wants all ICE attendees to have an enjoyable and fulfilling experience. Accordingly, 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.

To make clear what is expected, all attendees and guests, speakers, exhibitors, organizers, and volunteers at any AAPG event are required to conform to the Association's Code of Conduct. AAPG's leadership and staff will enforce this code throughout the event.

Code of Conduct

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 communication, whether casual or formal, should be appropriate for a professional audience including people of many different backgrounds.
- ▶ Be careful in the words that you choose. Remember that sexist, racist, and other exclusionary jokes can be offensive to those around you. Excessive swearing and offensive jokes are not appropriate at ICE.
- ▶ Sexual language and imagery is not appropriate for any conference venue, including talks.
- ▶ Harassment includes offensive communication related to gender, sexual orientation, disability, physical appearance, body size, race,

religion, sexual images in public spaces, deliberate intimidation, stalking, following, harassing photography or recording, sustained disruption of talks or other events, inappropriate physical contact, and unwelcome sexual attention.

- ▶ Be kind to others. Do not insult or put down other attendees. Behave professionally.
- ▶ Exhibitors are also subject to the anti-harassment policy and are required to conduct themselves in a manner consistent with the professional and business purposes of the show.
- ▶ Personnel and/or models contracted to assist in an exhibitor's booth are required to wear appropriate attire. In particular, exhibitors should not use sexualized images, activities, or other material, and booth staff should not use sexualized clothing/uniforms/costumes, or otherwise create a sexualized environment.
- ▶ AAPG reserves the right to make a final determination regarding what is acceptable and may remove persons from the exhibition floor that are not in compliance.
- ▶ 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.

Reporting

If someone makes you or anyone else feel unsafe or unwelcome, please report the incident to an AAPG Executive Committee or Conference Staff member as soon as possible. You can make a report either personally or anonymously via the online form.

If you have any questions or concerns, please notify a badged AAPG Show Management staff member or download the AAPG Events App for more information.

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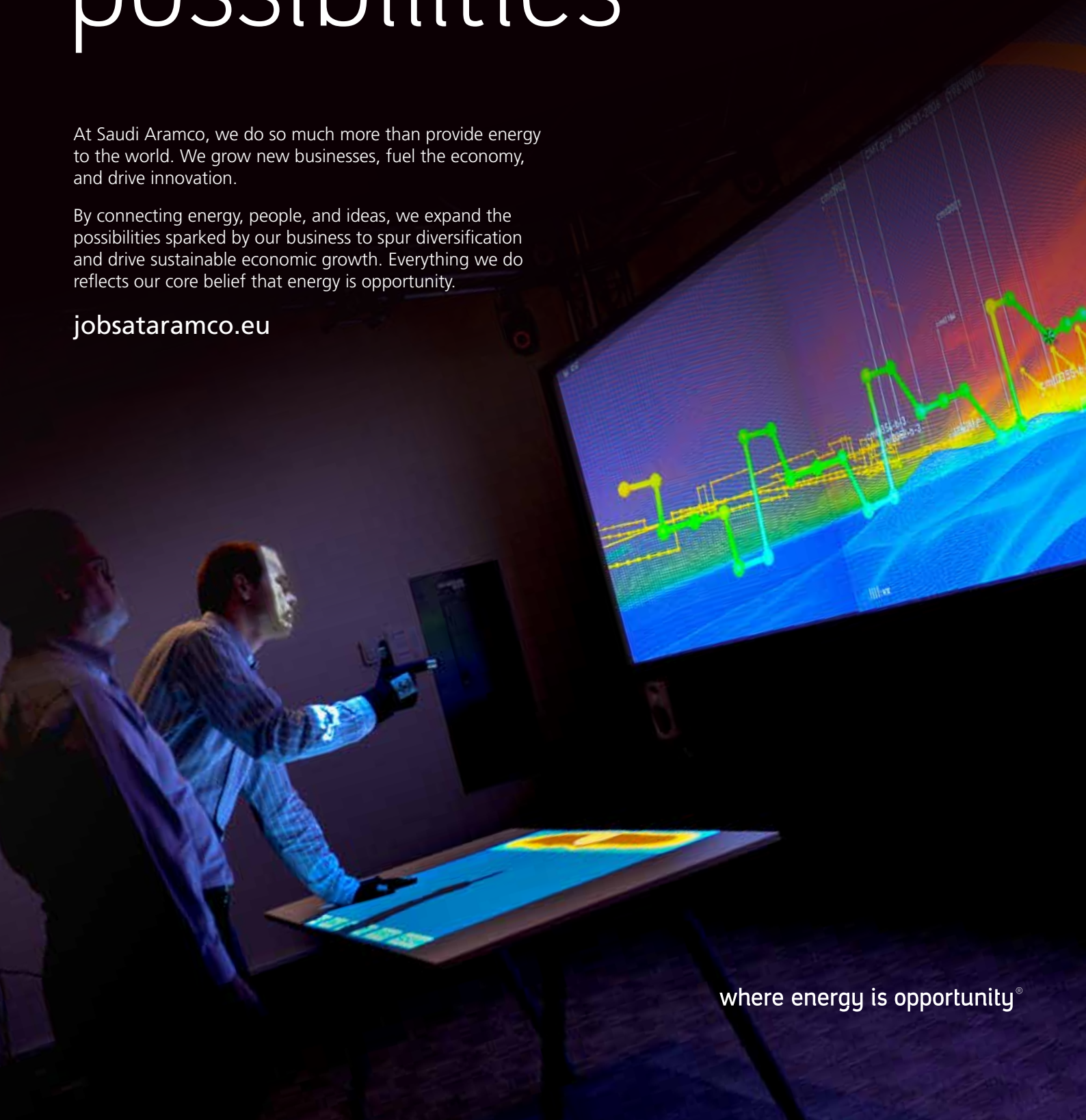


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