



REALIZING THE ENERGY POTENTIAL OF ANGOLA SYMPOSIUM

16-18 MARCH 2026 • LUANDA, ANGOLA



TECHNICAL PROGRAMME

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DAY 1 - MONDAY, 16 MARCH 2026

Venue: BALLROOM, INTERCONTINENTAL LUANDA MIRAMAR

08:00 - 09:00
09:00 - 09:05
09:05 - 09:10
09:10 - 09:15
09:15 - 09:35
09:35 - 09:55
09:55 - 10:10
10:10 - 10:20

Onsite Registration
HSE Address by Hotel
Welcome Address by SEG
Welcome Address by Committee Co-Chairs
Opening Address by Ana Rosa da Costa Nhangha Miala, ANPG
Opening Address by Andrea Lovatini, SLB
Committee and Sponsor Recognition
Coffee Break - 10min

Session 1

NEW CONCEPTS IN BASIN ANALYSIS AND RESERVOIR EVALUATION, AND LESSONS LEARNED FROM CONJUGATE MARGIN ANALOGUES - PART 1

10:20 - 11:40

Session Chairs: Paul Bellingham (BGP), Arthur Lavenu (TotalEnergies)

Reducing Risk in Ultra-Deepwater Exploration Through Analogues and Advanced Seismic Imaging in South Atlantic Conjugate Margins

Paul Freeman (SLB)

Leveraging Brazilian Insights on the Evolution of Pre-Salt Lacustrine Carbonates: Comparative Perspectives of Play and Petroleum Systems Elements in Angola

Erwin Adams (Shell)

Presalt Carbonates: A Mosaic Of Continental And Lacustrine Facies

Aurelien Virgone (TotalEnergies)

Modernization of the Physical E&P Data Archive at ANPG

Vanilson Ribeiro (ANPG)

Poster Session1

11:40 - 12:00

Volcanic Activity, Extensional Tectonics and Alluvial-Lacustrine Sedimentation Related to the Lower Cretaceous Syn-Rift Stage in the Namibe Basin, Southwestern Angola

Manuela Chamizo Borreguero (Geological And Mining Institute Of Spain)

How Broadband Reprocessing of 30-year Old Legacy 3D Seismic Datasets has Supported Angola's first

Non-Associated Gas Development

Matt Tyrell (Trois Geoscience)

Strategies for Reducing Gas Flaring and Improving GHG Efficiency. Case Study: Gas Recovery in the Magnolia Field.

Leodumira Irina Pereira Lourenço (Catholic University of Angola)

Petrophysical Characterisation from Well Logs: A Comparison Between Conventional Workflows and Machine Learning Models

Anselmo Helder Chihuissa Januário (Catholic University of Angola)

Seismic Image Classification Using Convolutional Neural Networks

Gerson Filipe da Silva Itembo (Instituto Superior Politécnico de Tecnologias e Ciências (ISPTEC))

Petroleum Potential Evaluation of the Bucomazi Formation in the Cabinda North and Cabinda South Blocks

Heritier Wandofusu (ACREP)

Group Photo

Lunch - 1hr

12:00 - 12:10

12:10 - 13:10

DAY 1 - MONDAY, 16 MARCH 2026

Venue: BALLROOM, INTERCONTINENTAL LUANDA MIRAMAR

Session 2
13:10 - 14:50

MARGIN EVOLUTION, MAGMATIC PROCESSES AND CO2

Session Chairs: Madhurima Bhattacharya (Viridien), Faustino Paulo Ndozi (Sinopec)

Impacts of Igneous Events on Petroleum Systems

Roger Swart (BlackGold Geoscience)

CO2 in Angolan Rifted Margin Evolution

Michael Denis (TotalEnergies)

Gondwana Fingerprint on the Conjugate Margins: The Role of the Basement in the Cretaceous South Atlantic Rifting

Renata Da Silva Schmitt (Universidade Federal Do Rio De Janeiro)

Mesozoic Bimodal Magmatism and Structural Controls During the Opening of the South Atlantic Ocean:

New Insights from the Angolan PLANAGEO Project

Enrique Merino Martínez (Instituto Geológico y Minero de España (IGME-CSIC))

The Impact of "Chimney Effect" on Gas Discoveries in Kwanza and Benguela Basins: A Case Study of Omosi and Katambi Structures

Lígia Barroso (ANPG)

Coffee Break - 10 min

14:50 - 15:00

Session 3
15:00 - 16:20

ADVANCEMENT IN SEISMIC PROCESSING AND IMAGING - PART 1

Session Chairs: Alex Cooke (SLB), Faustino Paulo Ndozi (Sinopec)

KEYNOTE: Imaging Angola's Challenges and Evolving 4D Frontiers

John Brittan (TGS)

Advancing 3D Survey Rejuvenation with Modern Processing Technologies: A Fresh Perspective on the Kwanza Basin, Angola

Paolo Gabrielli (Viridien)

Elastic Full Waveform Inversion and Imaging of Towed Streamer Seismic Data over the Ndungu Field, Block 15/06

Pedro Paramo (Azule Energy)

Full-azimuth internal-multiple modeling and attenuation in a deep-water OBN setting

Krishna Ramani (SLB)

Panel 1
16:20 - 17:05

Technological enablers for new discoveries

Moderator: Lumen Sebastiao, ANPG

Panelist 1: Alexander Zarkhidze, SLB

Panelist 2: Arinze Anagbado, Shearwater

Panelist 3: Chris Drage, TGS

Panelist 4: Ewa Kaszycka, Viridien

Panelist 5: Paul Bellingham, BGP

Panelist 6: Paulo Dos Reis, TotalEnergies

Welcome Reception

18:00 - 20:00



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DAY 2 - TUESDAY, 17 MARCH 2026

Venue: BALLROOM, INTERCONTINENTAL LUANDA MIRAMAR v

9:00 - 9:05 Panel 2	Panel Discussion UNTAPPING NEW RESOURCES IN THE FRONTIER AREAS, LATEST EXPLORATION TREND AND STRATEGIES. Moderator: Victor dos Santos, ANPG Panelist 1: Anne-Claire Lorage, TotalEnergies Panelist 2: Benjamin Cornelisse, Shell Panelist 3: Giovanni Aquilina, Azule Panelist 4: Noralf Steinsland, Equinor Panelist 5: Sheila Gaspar, Sonangol Coffee Break - 20 min
9:05 - 9:50	
09:50 - 10:10	
Session 4 10:10 - 11:50	EXPLORATION CASE STUDIES INCLUDING NEW ENERGY Session Chairs: Joannah Skudder (Shell), Faustino Paulo Ndozi (Sinopec) Exploration Success Story in Block 1/14: First Gas Exploration Well in the Lower Congo Basin, Offshore Angola Ery Alexandre Rodrigues Machado (Azule Energy) Integrated Extraction and Characterization of Complex Geobodies in the Namibe Basin, Angola: A Hybrid Approach Employing Modern Techniques. Paulina Manuel Makana Daniel (Sonangol Exploration & Production) Advanced-De-Risking and Maturing a Low Risk Pre-Salt Prospect in Kwanza Basin, Angola Alejandro Garcia Gil (Instituto Geológico y Minero de España (IGME-CSIC) De - Risking and Maturing a Low-risk Pre-Salt Prospect in Kwanza Basin, Angola: Seismic Inversion and Characterization for an Integrated Petroleum System Assessment Márcio Pompilio Fernandes (Sonangol Exploration & Production) Visualizing the Unseen: Using Seismic Attributes and RGB Blending to Identify Channel Features on Flattened Seismic Data – A Case Study of Deepwater System, Offshore Lower Congo Basin, Angola Nahrari Narciso and Irina Almeida (ANPG) Lunch - 1hr
11:50 - 12:50	
Session 5 12:50 - 14:10	PUSHING THE EXPLORATION ENVELOPE - PART 1 Session Chairs: Paul Freeman (SLB), Tim Shin (Total Energies) Regional Mapping of Fault Patterns and Major Horizons on the Kwanza Basin, Angola Using Machine Learning for Exploration Prospectivity Dan Fernandez (SLB) A Physics-Based and AI-Enhanced Seismic Workflow for Resolving Halokinetic Sequences and Confined Turbidite Fairways: Applications in the GoM and Brazilian Margin Nicolas Daynac (Eliis) Breakthrough Early Dynamic Reservoir Evaluation : Long Spacing Deep Transient Testing for Robust Flow Capacity evaluation Shyamalan Ramaswami (Shell) Transforming Geological Understanding through Lithology Digitization Sachin Sharma (Excellence Logging)

DAY 2 - TUESDAY, 17 MARCH 2026

Venue: BALLROOM, INTERCONTINENTAL LUANDA MIRAMAR

Session 6 14:10 - 15:50	ADVANCEMENT IN SEISMIC ACQUISITION TECHNOLOGY AND DESIGNS Session Chairs: Antonio Pereira (ExxonMobil Exploration Company), Bamba Esinov (SLB) KEYNOTE: Unlocking Exploration & Development at Scale in ILX and Frontier Basins With Advanced Technology Solutions Alexander Zarkhidze (SLB) From Data to Decisions: How OBN Technology is Impacting Velocity Models and Imaging in Deepwater Play Jeoveth Muhongo (TotalEnergies) Advanced Seismic Acquisition Solutions Using Extended Frequency Source Technology for Exploration in Complex Geological Environments Martin Widmaier (TGS) The Value of an Ultra Long Dive Time Ocean Bottom Node Timothy Bunting (PXGEO) Optimising Survey Design for 3D Seismic in Offshore Angola Basins Arinze Anagbado (Shearwater Geoservices Limited) Coffee Break - 20 min
15:50 - 16:10	
Session 7 16:10 - 17:30	ADVANCEMENT IN SEISMIC PROCESSING AND IMAGING - PART 2 Session Chairs: Madhurima Bhattacharya (Viridien), Tommy Halvorsen (Equinor) Making Use of What We Already Have: Leveraging Impact From Existing Datasets Martin Bagge Angelo (TotalEnergies) Reimagining Kwanza Basin – Large-Scale Reprocessing of Heritage Data for Pre-Salt Exploration Alex Cooke (SLB) Imaging complex geology offshore Angola through integration of one-sided WAZ acquisition, low frequency sources and Elastic DMFWI model building John Brittan (TGS) From Acquisition to Final Imaging: Automating and Reinforcing Resilience in Onshore Seismic Data Processing Phillip J. Bilsby (SLB)



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DAY 3 - WEDNESDAY, 18 MARCH 2026

Venue: BALLROOM, INTERCONTINENTAL LUANDA MIRAMAR

9:00 - 9:05
Panel 3
9:05 - 9:50

Panel Discussion

MONETIZATION OF AND EXPLORATION FOR GAS IN ANGOLA

Moderator: Jelson Cesar Tomás, Sonangol

Panelist 1: Benjamin Pappas (Azule)

Panelist 2: Lino Buambua, ANPG

Panelist 3: Paul Freeman, SLB

Panelist 4: Richard Migeon, TotalEnergies

Session 8
10:10 - 11:50

PRODUCTION ENHANCEMENT TECHNOLOGY & EFFECTIVE RESERVOIR MONITORING

Session Chairs: Tommy Halvorsen (Equinor), John Brittan (TGS)

KEYNOTE: Two Decades of Unlocking Value Through 4D Seismic

Pedro Sebastiao (Azule Energy)

4D Seismic Application for Opportunity Generation in Deepwater Angola Block 15

Sebastiao Domingos (Exxon Mobil)

Time-Lapse Full-Waveform Inversion – Enabling Reservoir Monitoring in Complex Geological Environment

Bart Szydlak (SLB)

Production Enhancement Technology: ExxonMobil's Integrated Technology Approach

Waldita Silva (ExxonMobil)

Reservoir Management and Continuous Performance Monitoring During Field A WAG

Elisa Godinho (ExxonMobil)

Lunch - 1hr

11:50 - 12:50

Session 9
12:50 - 14:10

PUSHING THE EXPLORATION ENVELOPE - PART 2

Session Chairs: Matthew Plummer (TGS), Tommy Halvorsen (Equinor)

Opportunities at the Basin Fringes: Chasing Extensions of Proven Plays Into Unexplored Areas in Angola

Michael Lee (Shell)

Accelerating Lower Congo Basin's Frontier Exploration With AI/ML Powered 2D to 3D Technology

Sugandha Tewari (SLB)

Extending Play Fairways in the Southern Part of the Lower Congo Basin

Andrea Maioli (TGS)

Affordable Sparse OBN for Large-Scale Exploration in the Salt-Prone Lower Congo Basin? Yes We Can!

Hugues Baudon (TotalEnergies)

Session 10

14:10 - 15:10

NEW CONCEPTS IN BASIN ANALYSIS AND RESERVOIR EVALUATION, AND LESSONS LEARNED FROM CONJUGATE MARGIN ANALOGUES - PART 2

Session Chairs: Sugandha Tewari (SLB), Matthew Plummer (TGS)

Facies, Fluids, and Cycles: Anatomy of the Late Sag Succession in the Namibe Basin

Mar Moragas (Geociencias Barcelona (GEO3BCN), CSIC)

New lithostratigraphic framework of the pre- and post-salt units in the Benguela and Namibe sedimentary basins (SW Angola)

Manuela Chamizo Borreguero (Geological and Mining Institute of Spain)

Evolution of Deepwater Channelized Systems of the Lower Congo Basin – Implications for Reservoir Development, Prediction and Production

Richard Wild (Equinor ASA)

Coffee Break - 20 min

15:10 - 15:30

DAY 3 - WEDNESDAY, 18 MARCH 2026

Venue: BALLROOM, INTERCONTINENTAL LUANDA MIRAMAR

Session 11
15:30 - 17:10

THE IMPACT AND INTEGRATION OF MULTIDOMAIN DATA IN EXPLORATION

Session Chairs: Antonio Pereira (ExxonMobil Exploration Company), Krishna Ramani (SLB)

Addressing Geological Challenges Through Optimal Seismic Survey Design in Angola Offshore

Bamba Esinov (SLB)

It Takes 2D to Bouguer: The Low-Cost, High-Impact Results of Integrating Broadband Reprocessed 2D Seismic Data With New Airborne AGG Gravity and Magnetic Data in Angola's Onshore Lower Congo Basin

Matt Tyrell (Trois Geoscience)

Optimizing Well Placement and De-risking Development in Complex Salt-Dome Settings: Agogo Field Pilot Hole Strategy, Block 15/06, Offshore Angola

Neila daCosta (Azule Energy)

Magnetic and Gravity Modelling and Onshore Crustal Interpretation of the Benguela Basin of Southwest Angola (Central Segment of the South Atlantic Ocean)

Maria Carmen Rey Moral (IGME-CSIC)

Study of Potential Seepages in the Kassanje Basin

Francisco Bernardo and Edilson Kavaleka (ANPG)

Closing by Committee Co-Chairs

17:10 - 17:25