

MAIN AUDITORIUM

08.30

REGISTRATION & COFFEE

SESSION 1: OVERVIEW & INSIGHT FOR AFRICA

Session Chairs: Helen Doran & Kevin Dale

09.20

Welcome & Introduction

Dr Özlem Adiyaman Lopes, Natural Sciences Sector, UNESCO

09.30

Reserve growth: the impact on exploration performances assessment, and the Africa case
Lorenzo Meciani, Eni SpA

09.55

MSGBC : an integrated approach to accelerate exploration
V.Curinier, TOTAL

10.20

Bringing North Sea Technology to the Ultra Deep Waters Offshore Ghana
Ståle Monstad, Aker Energy

10.45

Controls on Lateral Seal Development in DW Stratigraphic Traps of the Atlantic Basin
Colin Grant, Shell International E&P

11.10

COFFEE & POSTERS

SESSION 2: HYDROCARBON HABITAT OF DEEP WATER AFRICA

Session Chairs: Duncan Macgregor & Richard Blight

11.40

East Africa Gas: Source type or maturity?
Michael Sullivan, ExxonMobil International Limited

12.05

Oil along the East African margin: a regional 3D integrated charge modelling approach
Jimmy Van Itterbeeck, Shell International E&P

12.30

Application of "Ranking Biogenic Gas _RGB" tool for evaluating Eastern Mediterranean Biogenic Potential
Sara Camici, Eni SpA

12.55

4D Temperature Modelling of Potential Biogenic Gas Fairways in the Eastern Mediterranean
Thomas Butt, Halliburton

13.20

LUNCH & POSTERS

SESSION 3: ONSHORE AFRICA: UNLOCKING THE POTENTIAL

Session Chairs: Jerry Jarvis & Harry Davis

15.00

Structure and Tectonic Evolution of the Intracratonic Congo Basin – an update
Damien Delvaux, Royal Museum for Central Africa

15.25

Delivering 100% exploration drilling success in Niger: Geological fundamentals and future potential
Bill Wilks, Savannah/Merlin Energy Resources Ltd

15.50

COFFEE & POSTERS

16.20

Rejuvenating Exploration in the under-explored Southern Termit Basin, Block H, Chad
Lorna Blaisse, Delonex Energy

16.45

Opening new plays in Onshore Côte d'Ivoire. What's the big idea? Lessons learned from East African Rifts
Keryn Simpson, Tullow South Africa Pty Ltd

17.10

EVENING RECEPTION

ORAL PROGRAMME | TUESDAY 1 OCTOBER

08.30
09.20

11.20
11.55
12.30
13.05

13.50
14.15
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15.25

16.00
16.25
16.50
17.15

CONFERENCE ROOM ONE

REGISTRATION & COFFEE

OVERFLOW FROM MAIN AUDITORIUM

INTERACTIVE SESSION: SEISMIC WORKSHOP

Session Chairs: Ken McDermott & Jason Sutton

Hunting micro-continents offshore East Africa and in the West Indian Ocean
Gregor Duval, CGG

Deepwater Nigeria: de-risking plays through new maturation and charge scenarios
Felicia Winter, AME, TGS

Insights into the development of the Ghana Transform Margin and its future play potential from newly acquired long-offset seismic reflection data
Neil Hurst, ION

LUNCH & POSTERS

INTERACTIVE SESSION: SEISMIC WORKSHOP

Session Chairs: Ben Sayers & Louise Hornby

Interpreting the 4D seismic response using a patchy cement workflow: application to the Jubilee oil field. Ghana
Jeremy Neep, Ikon Science Ltd

Role of 2D Seismic Data in Giant Discoveries – Brulpadda and other Atlantic Margin Case Studies
Karyna Rodriguez, TGS

The Republic of Guinea: Shelf Edge Plays meet Syn-Transform Structures
Pierre Le Barbanchon, PGS

COFFEE & POSTERS

THE E&P ACCESS FORUM

Session Chairs: Helen Doran & Keith Myers

What next for E&P in Sub-Saharan Africa?
Emma Woodward, Enverus

From Resource to Revenue: Turning Discoveries into Commercial Success in a New Industry Landscape
Will Scargill, GlobalData

Latest Developments on Fiscal Terms and Bidding Criteria for Gabon's 12th Offshore Licensing Round
Noel Mboumba, Gabonese Minister of Hydrocarbons

EVENING RECEPTION

MAIN AUDITORIUM

SESSION 4: FRONTIER & EMERGING EXPLORATION

Session Chairs: Fabio Lottaroli & Vincent Delhaye-Prat

09.00

Frontier and Emerging play exploration in Africa since 2007
Keith Myers, Westwood Energy Group

09.25

Egypt's Red Sea: Overlooked Potential in a Young Rift Basin?
Sigrún Stanton, Halliburton

09.50

Magnetic isochrons, provenance history and process sedimentology: using integrated regional geoscience to aid understanding of source and reservoir distribution, offshore South Africa
Clare Glover, ExxonMobil

10.15

COFFEE & POSTERS

10.45

Long-lived episodic magmatism on the North Gabon margin – does this explain the observed elevated heatflows?
Mike Norton, Greenwich Tectonics Limited

11.10

Reviving the Cretaceous clastic plays in southern Namibia
Jochem Bijkerk, Shell International E&P

11.35

Unlocking the potential of Africa's Forgotten Transform Margin; the Outeniqua Basin, South Africa
Gavin Elliott, New Age (African Global Energy)

12.00

LUNCH & POSTERS

SESSION 5: THE CENTRAL ATLANTIC MARGINS

Session Chairs: Louise Hornby & Christian Thomas

13.00

Late Cretaceous/Early-Mid Tertiary crustal deformation and uplift history of the NW African passive margin (Morocco) and implications for deep-water exploration.
Richard Bray, Subsurface Resource Consulting

13.25

The interplay of carbonate platforms and siliciclastic influx during the Jurassic along the Moroccan Atlantic Margin: Controls and impact on reservoir distribution.
Aude Duval-Arnould, University of Manchester

13.50

The Cretaceous deep-water carbonate to siliciclastic transition in the Senegal Basin – insights into provenance, sediment routing and depositional mechanisms from outcrop and core
Colm Pierce, CASP

14.15

COFFEE & POSTERS

SESSION 6: UNLOCKING THE POTENTIAL OF AFRICA'S TRANSFORM MARGINS

Session Chairs: Matt Warner & Ken McDermott

15.00

Structure and hydrocarbon prospectivity of the Lower Cretaceous offshore Dahomey Basin, West Africa: A new syn-rift half-graben play opener in the West African Transform Margin
Babangida Jibrin, Lekoil

15.25

Why do turbidite reservoirs offshore Ghana stack to the west, and what impact does this have on reservoir heterogeneity, connected volumes, well placement and exploration?
Bryan Cronin, Tullow Ghana Ltd

15.50

South Africa: South Outeniqua and Mallory Basins, structural complexity of a new petroleum province
P Chaffel, TOTAL

16.15

AWARDS CEREMONY PRESENTED BY PROF. IAIN STEWART

16.30

CLOSING ADDRESS & INVITATION TO HOUSTON 2020

CONFERENCE ROOM ONE

THE E&P ACCESS FORUM

Session Chairs: Kevin Dale & Caleb Dadson

09.00

Exploration play types of Madagascar: an overview
Hoby Raharisolofo, OMNIS

09.25

Lower Congo to Namibe – A regional assessment of remaining exploration potential offshore Angola
David Barlass, Schlumberger

09.50

New insights into the geological understanding and prospectivity of the Orange Basin, offshore Namibia
Simon Tobias, NAMCOR

10.15

Understanding the Potentiality of the Libyan Offshore in View of the Zohr Discovery
Salah El-Ekhfifi, NOC Libya

10.40

COFFEE & POSTERS

INTERACTIVE SESSION: GEOLOGICAL WORKSHOP

Session Chairs: Jerry Jarvis & Neil Frewin

11.00

The creation of the African margins and the Mesozoic demise of Gondwana
Colin Reeves, Earthworks

11.35

The Structural And Tectonic Evolution Of The West And Equatorial African Margins: A Key To Understanding Hydrocarbon Accumulations
Jon Teasdale, Geognostics International Limited

12.10

Comparative Geothermal Gradients and Heat Flows between African Basins
Duncan Macgregor, MacGeology Ltd

12.45

LUNCH & POSTERS

INTERACTIVE SESSION: GEOLOGICAL WORKSHOP

Session Chairs: Jason Sutton & Richard Dixon

13.15

De-risking hydrocarbon charge in the Namibe Basin (southern Angola) using combined 2-D and 3-D petroleum systems modelling techniques
Tiago Cunha, Integrated Geochemical Interpretation Ltd

13.50

Evolution of sandstone composition through the Cretaceous and its impact on reservoir quality along the West African Transform Margin
Simon Greenfield, Core Laboratories UK

14.25

Robust Facies Modelling: Improving Geopressure Assessment
Sam Green, Ikon Science Ltd.

15.00

Where are the Mesozoic paleo-shelf plays in the West Africa Salt Basins of Gabon, Congo and Angola; undeveloped or overlooked?
Matt Tyrrell, PGS AMME

15.35

Defining the tectonostratigraphic framework and new play potential of offshore West Africa (Gabon to Angola) within a regional South Atlantic context using mega-regional seismic data
Lisa Fullarton, ION Geophysical

16.15

AWARDS CEREMONY IN MAIN AUDITORIUM

POSTER PROGRAMME

SESSION 1: WEST AFRICA

Halokinesis and sedimentary patterns in carbonate platforms and siliciclastic deltaic systems: 3D seismic examples offshore Gabon
Paolo Esestime, TGS

The Effect of Deghosting on the 4D Response: Usan field, Nigeria
Philip Smith, ION

Reservoir distribution in the Niger Delta. The key for unlocking commercial success
Syed Dabeer, PetroVision Energy Services

The results of recent fieldwork and oil sampling from onshore Benin; strong evidence for oil resources in this high impact, low cost frontier.
Matt Lofgran, Elephant Oil

A Review of Thin Bedded Pay including Determination and Produceability within the Elon field, Equatorial Guinea
Benjamin Panting, Royal Holloway, University of London

Structural Controls on Reservoir Presence along the West African Equatorial Transform Margin: Key Rock-Based Observations
Anne McAfee, Core Lab

Deepwater Hydrocarbon System, North and South Atlantic Rift Interaction, Equatorial Margins, West Africa and South America
Ken Nibbelink, JHI Associates (BVI); Atlantic Basin Consultants LLC

Micro-seepage mapping using satellite imagery: Examples from N. Africa
Mark Broadley, NPA-CGG

Structural history of the Jeffara Fault System, NW Libya
Giuma Reeh, Target Exploration

Analysis of the pre- and post-Variscan unconformity deformations: new insights for the characterization of the Ordovician and Triassic reservoirs in the southern Chotts Basin, Tunisia
Pierre-Olivier Bruna, Mazarine-Energy B.V.

Unlocking unconventional resources in Libya
Cristina Tomé, IHS Markit

Contribution of volcanics to hydrocarbon production of fractured reservoirs of Libya: A review
Muhammad W Ibrahim, Target Exploration Consultants Ltd

Volcanically Driven Fluid Flow and Hydrocarbon Charge in the Pre-Salt of the Namibe Basin, Angola
Nathan Rochelle-Bates, University of Manchester

Sedimentological analysis of pre-salt lacustrine pools in the onshore Namibe Basin, Southern Angola
Gustavo do Couto Ramos Pereira, University of Manchester

Understanding the petroleum system evolution in the Namibe Basin (Angola): the importance of characterising burial vs local source rock thermal maturation in volcanic margins
Edoardo Fiordalisi, University of Manchester

An insight into complex charge history and hydrocarbon distribution in Kwanza Basin, Angola
Sugandha Tewari, WesternGeco

The impact of New Licensing Rounds in Angola and why they may absorb a decade of West African exploration budgets
Gayle Mickle, Frontier

Using a Source to Sink Study to De-Risk Reservoirs in the Algoa and Gamtoos Sub-Basins, South Africa
Jean Malan, Getech Group plc

The present day shelf of the Kwanza Basin; an underexplored link between onshore and deepwater discoveries
Matt Tyrrell, PGS AMME

Underplating and contourites: controlling the distribution of source and reservoir rocks in the northern Walvis Basin, Namibia
Paul Howlett, Royal Holloway University

SESSION 2: NORTH AFRICA

SESSION 3: SOUTHERN AFRICA

POSTER PROGRAMME

SESSION 4: NORTH WEST AFRICA

Using 2D seismic for Oil Charge risk reduction in the deepwater plays of NW Africa
Neil Hodgson, TGS

New constraints on source to sink systems of NW Africa: provenance analysis of the Mesozoic post-rift clastics in the Essaouira-Agadir Basin (Morocco)
Emmanuel Roquette, North Africa Research Group - University of Manchester

The enigmatic post-rift and pre-Alpine inversion tectono-sedimentary evolution of the NW rifted continent margin: surprises continue
Giovanni Bertotti, Delft University of Technology

Dynamic Subsidence, Continental Uplift and Sedimentary Deposition to West Africa's Passive Margin
Bhavik Harish Lodhia, Imperial College London

Quantitative seismic geomorphology of The Gambia Mesozoic margin, canyon incision and slope processes
Max Casson, University of Manchester

Source to sink analysis of Cretaceous sediments along the Central Atlantic passive margin, Senegal
Ian Mounteney, University of Manchester; British Geological Survey

Senonian unconformity (SNE-like) play in the MSGBC Basin – more to come?
Gil Machado, Chronosurveys; Instituto Dom Luiz

New Plays in an Exploration Hotspot: AGC Profond, Senegal & Guinea Bissau
Michael Bourne, CNOOC International

Establishing a high resolution integrated stratigraphic framework for the Berriasian to early Barremian of the Morocco Atlantic Margin
Orrin Bryers, University of Manchester

Modelling Depositional Systems across Morocco – the limitations of using detrital zircons in understanding source to sink systems
James Lovell-Kennedy, University of Manchester

SESSION 5: EAST AFRICA

Exciting insights from fieldwork in the Ile Sainte Marie Basin, Madagascar
Alex Fowler, Robertson, CGG Services (UK) Limited

Opening New Plays in East Africa: Predicting the Presence and Nature of Play Elements, offshore Madagascar
Matthew Watkinson, EPI Group; University of Plymouth

Using basin modelling to examine the origin of the hydrocarbons within the deepwater Rovuma Basin of Tanzania, Mozambique and the Comoros
Michael C. P. Rego, Rego Exploration Ltd.; Triton Petroleum Pte. Ltd.

Offshore Somalia: Frontier Margin Oil Resource Evaluation
Karyna Rodriguez, TGS

Morondava Basin, Offshore Madagascar: a summary of its hydrocarbon plays and its prospectivity – a promising future awaits
Glyn Roberts, Spec Partners Ltd

Linking Fieldwork to Regional Seismic: Exploration in an Untested Frontier Province
Gillian Barber, BP

Influence of contourite activity on Mozambique turbidite systems
David Barlass, Schlumberger

Exploration potential of a frontier hydrocarbon province - The Angoche basin, Offshore Mozambique
Deepak Rathee, WesternGeco

A Modern Reworking of the Cabora Bassa Basin, Zimbabwe
Casey Edwards, Source Geoscience Pty Ltd

Intelligent Geological Target (Basin) Identification (IGTI) – Mpulungu, Zambia
Deepti Bisht, Cambridge Geoconsultants Limited

Mantle convection and Africa's Rift architecture: A General Model
Neil Hodgson, TGS