

## MAIN AUDITORIUM

08.30

**REGISTRATION & COFFEE**

### SESSION 1: OVERVIEW & INSIGHT FOR AFRICA

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

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

15.00

Structure and Tectonic Evolution of the Intracratonic Congo Basin – an update  
Damien Delvaux, Journal of African Earth Sciences

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**

## CONFERENCE ROOM ONE

08.30

**REGISTRATION & COFFEE**

### INTERACTIVE SESSION: SEISMIC WORKSHOP

09.20

**OVERFLOW FROM MAIN AUDITORIUM**

11.20

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

11.55

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

12.30

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

13.05

**LUNCH & POSTERS**

13.50

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

14.15

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

14.50

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

15.25

**COFFEE & POSTERS**

### THE E&P ACCESS FORUM

16.00

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

16.25

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

16.50

Gabon (Topic and speaker TBC)  
TGS

17.15

**EVENING RECEPTION**

**MAIN AUDITORIUM**

**CONFERENCE ROOM ONE**

**SESSION 4: FRONTIER & EMERGING EXPLORATION**

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

**COFFEE & POSTERS**

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

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

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

**LUNCH & POSTERS**

**SESSION 5: THE CENTRAL ATLANTIC MARGINS**

11.35 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

12.00 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

13.00 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

**COFFEE & POSTERS**

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

13.25 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

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 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

15.00 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

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

15.50 AWARDS CEREMONY PRESENTED BY PROF. IAIN STEWART

16.15 CLOSING ADDRESS & INVITATION TO HOUSTON 2020

**THE E&P ACCESS FORUM**

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

**COFFEE & POSTERS**

**INTERACTIVE SESSION: GEOLOGICAL WORKSHOP**

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

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

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

**LUNCH & POSTERS**

12.10 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

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

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

13.50 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

14.25 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

15.00 AWARDS CEREMONY IN MAIN AUDITORIUM

SESSION 1: WEST AFRICA

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

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

SESSION 2: NORTH AFRICA

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 Miekle, 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

SESSION 3: SOUTHERN AFRICA

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

SESSION 4: NORTH WEST AFRICA

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

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

Exciting insights from fieldwork in the Ile Sainte Marie Basin, Madagascar  
Meghan Davies, 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, Spectrum Geo Ltd

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

SESSION 5: EAST AFRICA

Mantle convection and Africa's Rift architecture: A General Model  
Neil Hodgson, Spectrum Geo Ltd