

EAGE

EUROPEAN
ASSOCIATION OF
GEOSCIENTISTS &
ENGINEERS

FIRST ANNOUNCEMENT &
CALL FOR ABSTRACTS

Fourth EAGE Eastern Africa Petroleum Geoscience Forum

**Effective Exploration and Development of Hydrocarbons
through Technology and Partnership**

3-5 December 2018
Nairobi, Kenya

www.eage.org

Technical Committee

Malcolm Francis (Co-Chair)	Schlumberger
Maud Stankoff (Co-Chair)	Total
Adrien Marante	Total
Arjan van Vliet	Shell
Chantale Siversen	Statoil
Charles Line	ExxonMobil
Mohamed Zine	IHS Markit
David Johnstone	ERCL
Harry Davis	Assala Energy
Joseph Nicholson	Consultant
Friso Veenstra	TNO Energy
Stanley Wharton	Saudi Aramco
Giovanni Bertotti	Delft University of Technology
Folarin Lajumoke	ION
Augusto Macuvele	INP
Tina Nduta	East African Extractives Network
Karyna Roderiguez	Spectrum GEO
Edgar Nambiro	National Oil Corporation of Kenya/ Mount Kenya University
Vittorio Maselli	University of Aberdeen
Charles Thomas	Electromagnetic Geoservices ASA
Fabio Contreras	ENI
Godwin Matovu	Tullow Oil

Forum Overview

Recent major acreage acquisitions by IOCs have propelled East Africa into the spotlight once more, with new players gaining a foothold or consolidating their positions in offshore southern and eastern Africa and onshore Uganda and Kenya. And once more the industry is building the foundation for further license rounds and drilling activity with significant seismic acquisition programs in offshore regions. Meanwhile, continued drilling success in established onshore regions has swelled discovered resources in those areas, with the focus now very much on monetizing of those assets via major development projects and pipelines to bring the oil to market.

Expectations are high, with further exploration success being measured against the major finds of 5-10 years ago, and first production in major developments in both the onshore and offshore regions providing transformational change in the local economies. Success in these areas will require a robust and comprehensive understanding of sub-surface geology, and cost-effective application of leading edge geoscience and engineering technologies. And above all, success will require working with local stakeholders to leverage local resources and grow local expertise. Governments, academia, service industry and energy companies will need to work together to meet the challenge to find and deliver further, commercially viable reserves.

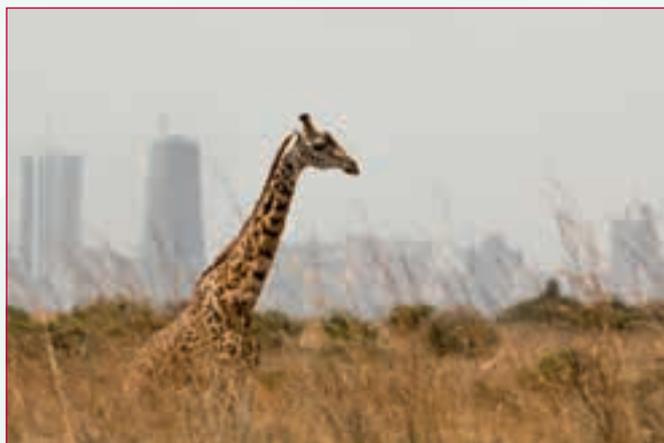
Forum Objectives

To discuss and progress these issues, and building on the successful meetings in Dar es Salaam (2015), Kampala (2016) and Maputo (2017), EAGE announces the Fourth Eastern African Petroleum Geoscience Forum, to be held in 3-5 December 2018 in Nairobi, Kenya. The theme of the Forum is "Effective Exploration and Development of Hydrocarbons through Technology and Partnership". The forum objective is to provide a platform for geoscientists and engineers to share knowledge and identify appropriate technologies to fill gaps and reduce uncertainties. We aim to encourage innovative approaches and open dialogue to improve the understanding of the petroleum geology of Eastern Africa.

Eastern Africa has a rich culture with strong links to both Europe and the Middle East. The EAGE Forum serves as a catalyst bringing academia and industry together with a shared goal. We anticipate a blend of local expertise and international geoscientists and engineers. At this Forum delegates can expect an interactive environment with presentations, guest speakers, discussion sessions and an opportunity to appreciate the rich culture that is to be found in Eastern Africa.

We welcome abstracts from students, academia and industry and you are invited to submit papers that showcase the above.





Topics & Submission Guidelines

Abstracts of 2-4 pages, including figures are invited for both oral and poster presentations. Students may submit abstracts for posters. The deadline for submissions, which can be uploaded via the EAGE website, is Friday 1 June 2018. Please submit abstracts on the following topics:

Source to Sink: From Regional Knowledge to Field/ Reservoir Properties

- Regional Sedimentary Systems
- Interior Rifts
- East Africa Reservoir Analogues
- Mixed contourite-turbidite systems

Regional Geology and Integration

- Onshore geology & fieldwork
- Near surface studies
- Paleoclimate and Paleo-oceanography
- Remote sensing

Regional Hydrocarbon Systems

- De-risking the Petroleum System in Frontier Areas
- Source rock analysis
- Petroleum Systems modelling
- Mantle Convection and modelling
- Regional Heat Flow

Regional Tectonics

- Plate Reconstruction
- Conjugate Margins
- Tectonic analysis

Onshore Exploration & Development

- The East African Rift System
- Successful exploration: Lokichar basin & Lake Albert
- Anza Graben
- The Karoo
- Onshore Madagascar

Exploration Drilling

- Deepwater drilling – Technical evolutions for cost optimization
- Drilling challenges in onshore lakes

Development Challenges

- Reservoir performance prediction
- High-angle wells to reduce well count and improve performance
- Reducing Cost of supply
- Formation Evaluation Methodologies
- Data acquisition strategies in phased development projects
- Pipeline projects
- Gas development projects strategies & economics
- Gas to power for Tanzania and Mozambique; Technologies and Challenges

Innovation in Technology

- Advances in Workflows
- Emerging Technologies
- Technology Integration
- Big data & Artificial Intelligence
- Use of New Technologies to Redefine Operating models
- Infrastructure and development projects
- Potential fields

Industry Applications

- Geothermal Energy and Noble Gas resources
- Geohazards in rapidly growing economies
- The current use of geoscience in mining exploration – new methodologies and/or technologies used to improve exploration results

Industry-Academia-Government Collaboration

- Capacity Building: Sharing Knowledge, Education, Training
- Development, Results & Challenges in Eastern Africa
- Strengthening East African Universities
- Engaging local stakeholders & academia
- Benchmarking Local Content Success Case Studies
- Accelerating Skill Capacity and Technology transfer into East Africa
- Local Content Economics & Capacity Building

Learnings from the Past

- Dry Well Analysis
- Field Case Studies

Project Economics

- Cost effective exploration & drilling
- Export challenges
- Deep offshore project economics (also in Onshore lakes)



Important Dates

Call for Abstracts Deadline	1 June 2018
Technical Programme Available Online	15 July 2018
Registration Opens	1 August 2018

Sponsorship

Sponsorship opportunities are available to suit all budgets. Please visit our website for further details. To request a copy of the sponsor brochure, please contact us via africa@eage.org

Contact

For more information on the forum, please visit the event's website or contact the EAGE Middle East & Africa office via africa@eage.org or +971 4 369 3897.

We look forward to seeing you in Nairobi!



Middle East & Africa Office

Dubai Knowledge Park, PO Box 501711, Block 13, Office F-25, Dubai, United Arab Emirates
Tel.: +971 4 369 3897
E-mail: middle_east@eage.org | africa@eage.org
Website: www.eage.org

Head Office

Tel.: +31 88 995 5055
E-mail: eage@eage.org
Website: www.eage.org

Europe Office

Tel.: +31 88 995 5055
E-mail: eage@eage.org
Website: www.eage.org

Russia & CIS Office

Tel.: +7 495 640 2008
E-mail: moscow@eage.org
Website: www.eage.ru

Asia Pacific Office

Tel.: +60 3 272 201 40
E-mail: asiapacific@eage.org
Website: www.eage.org

Latin America Office

Tel: +57 1 4232948
E-mail: americas@eage.org
Website: www.eage.org