



Geoscience Driving the North Africa and Eastern Mediterranean Energy Hub

31st January – 1st February 2024

Hybrid Conference, The Geological Society and Zoom, BST

Provisional Programme

Day One	
08.30	Registration
08.50	Welcome
Session One: Regional Setting	
09.00	KEYNOTE: Gas Exploration in the East Med: the coming crossroads Lorenzo Meciani, <i>ENI</i>
09.40	The Geological History of the Eastern Mediterranean: Some Insights from Exploration for Hydrocarbons Lucien Montadert, <i>BEICIP-FRANLAB</i>
10.05	Eastern Mediterranean area: new insights to support regional knowledge and hydrocarbon exploration in emerging plays Luigi Gugliotti, <i>ENI</i>
10.30	The Paleotectonic and Paleogeographic History of North Africa since the Permian Duncan Macgregor, <i>Macgeology</i>
10.55	BREAK
Session Two: Geochronology and Regional Unconformities	
11.30	KEYNOTE: Source-to sink implications of low-T geochronology: the geology of missing sections Giovanni Bertotti, <i>NARG/TuDelft</i>
12.10	Subsurface and surface data combined with low-temperature thermochronology provide a renewed tectono-stratigraphic model for the Southern Chotts-Jeffara basin, Southern Tunisia P-O. Bruna, <i>NARG/TuDelft</i>
12.35	LUNCH
Session Three: Petroleum Systems	
13.35	Thermogenic and Biogenic Petroleum Systems in the East Mediterranean Basin G.Pérez-Drago, <i>BEICIP-FRANLAB</i>
14.00 Virtual	Defining Kinetics of unsampled source-rocks in East Mediterranean and other basins Pierre-Yves Chenet, <i>BEICIP-FRANLAB</i>
14.25 Virtual	Early and Late Silurian Oil and Gas Shale Plays of the Chotts and Ghadames Basins of the southern Tunisia Sahara, North Africa Moncef Saidi, <i>ETAP</i>
14.50	BREAK



Session Four: North Africa and Eastern Mediterranean Case Studies	
15.20 Virtual	KEYNOTE: Impact of the Mediterranean Ridge Tectonics on Trapping Regimes of East Mediterranean, Egypt Mohamed Hussein, <i>EGAS</i>
16.00	Controls on the evolution of the Jurassic Carbonate platform along the Moroccan Atlantic Passive Margin: implications for reservoir development Jonathan Redfern, <i>NARG/University of Manchester</i>
16.25	Offshore Sirt basin (Gulf of Sirt, Libya): a multidisciplinary approach to the tectono-stratigraphic evolution during Mesozoic Paolo D'adda, <i>ENI</i>
16.50 Virtual/ In Person	New insights into the late Paleozoic-early Mesozoic tectono-stratigraphic evolution of the Ogaden Basin, Ethiopia Mohamadou Moustapha, <i>University of Perugia</i> & Filippos Tsikalas (<i>ENI</i>)
17.15	Closing Remarks
17.30	Drinks reception in Lower Library
18.30	End of Day One

Day Two	
08.30	Registration
08.50	Welcome
09.00	KEYNOTE: High-impact exploration in the Eastern Mediterranean over the past decade Joe Killen, <i>Westwood Energy</i>
Session Five: The Messinian	
09.40	Lessons learned from leaky Messinian evaporite seals in the Eastern Mediterranean Joe Cartwright, <i>Oxford University</i>
10.05	Contrasting Styles of Shale Mobilization, SW Eratosthenes Block, Eastern Mediterranean: Progress towards a Predictive Model Michael Sullivan, <i>ExxonMobil</i>
10.30 Virtual	Salt deposition in ultra-deep brine settings by dynamic inflow and evaporation: The Messinian Salinity Crisis example Alexandros Konstantinou, <i>ExxonMobil</i>
10.55	BREAK
Session Six: Nile Delta Clastic Play Characterisation	
11.30	Nile clastic systems: Reducing pre-salt exploration uncertainty through the creation of a post-Messinian reservoir analogue catalogue Maxime Guillois, <i>ExxonMobil</i>
11.55	Reservoir Characterization and Depositional Elements of Atoll Field, Deepwater Turbidite Gas Reservoir, Offshore Mediterranean Amin Moursy, <i>BP</i>
12.20	Spatial and temporal variations of the Pre-Messinian deep water systems offshore Nile Delta using rapid interpretation workflows Amir Omar, <i>BP</i>
12.45	LUNCH



	Session Seven: The Energy Transition in North Africa and Eastern Med; Case Studies
13.45	A Unique Geological Framework for Exploration Success: A Holistic Understanding of the Eastern Mediterranean Owen Sutcliffe, <i>Landmark-Halliburton</i>
14.10	Regional Context and Screening of the Northern Algeria Geothermal Play Duncan Macgregor, <i>Macgeology</i>
14.35	Screening in North Africa and the Eastern Mediterranean: Adapting Hydrocarbon Workflows to Enable Efficient Screening of Carbon Storage Fairways Craig Lang, <i>Landmark-Halliburton</i>
15.00	BREAK
15.30	Panel Discussion: The Future of North Africa and Eastern Mediterranean as Energy Hub Opening and Chair: Andrew Latham, <i>WoodMac</i> Graeme Bagley, <i>Westwood Energy</i> Mahmoud Khattab, <i>EGAS</i> Lorenzo Meciani, <i>ENI</i> Yolanda Spisto, <i>ExxonMobil</i>
17.00	Closing Remarks
17.15	End of event

Posters	
Burial and thermal histories in the Crotone Basin (central Mediterranean): the effects of strike-slip tectonics and large mass-transport-complexes	Giacomo Mangano, <i>University of Calabria</i>
Mediterranean paleoceanography: Facies analysis and foraminifera assemblages of the Cyrenaican Miocene successions, NE Libya.	Hamzah Allafi, <i>Newcastle University</i>
Architecture and kinematics of the Talemzane and Nefusha Arches, North Africa: a review	Rémi Charton, <i>Delft University of Technology</i>
Evolution of Mesozoic source-to-sink systems constrained by landscape evolution modelling and time-temperature modelling: pilot study in the Anti-Atlas of Morocco.	Rémi Charton, <i>Delft University of Technology</i>
Legacy scientific ocean drilling data suggest that subsurface heat and salts cause exceptionally limited methane hydrate stability in the Mediterranean Basin	Angelo Camerlenghi, <i>OGS National Institute of oceanography and applied geophysics, Trieste</i>
Geometry and kinematics of the active structures along the Latakia Ridge (Cyprus Arc)	Michelle Vattovaz, <i>University of Trieste</i>
Recycling energy industry data to find new water resources.	Marina Flores, <i>University of Oxford</i>



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