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Sunday, 20 March 2022

Day 1

7:30 - 8:30	Welcome Coffee & Tea Registration
8:30 - 8:45	Welcome Address by Committee Chairmen
8:45 - 8:50	HSE Briefing
8:50 - 9:05	SEG Leadership
9:05 - 9:25	Opening Address by H.E. Eng. Tarek El Molla, Minister of Petroleum and Mineral Resources
9:25 - 9:45	Opening Keynote by Nael Abdel Rahman Mohamed Darwish
9:45 - 10:05	Opening Keynote by Maurice Nessim
10:05 - 10:25	Coffee Break - 20 mins
Session 1	KEYNOTE SESSION
10:25 - 10:45	Protecting Curiosity & Nurturing New Ideas Christian Gibson (Shell)
10:45 - 11:05	The Business of Red Sea Exploration – Managing Uncertainty through Targeted Investment Kristian Svendsen (Chevron)
11:05 - 11:25	Factors Relating to the Success of Egypt Attracting Investment in the Nile Delta and How it can be Repeated in the Red Sea Jason Robinson (TGS)
11:25 - 11:45	Moderated Discussion - 20 mins
11:45 - 12:05	Poster Session - 20 mins
12:05 - 13:05	Lunch - 1hr
Session 2	REGIONAL TECTONICS AND CRUSTAL EVOLUTION OF THE RED SEA
13:05 - 13:25	Basement Structure and Tectonics in the Red Sea Guillaume Baby (KAUST)
13:25 - 13:45	Pre-Rift to Present – Exploration Failures, Successes, and Opportunities in the Red Sea Nickolas Raterman (Chevron)
13:45 - 14:05	Kink in the Plate Boundary, Rotation and Transtension Jakub Fedorik (KAUST)
14:05 - 14:35	Moderated Discussion - 30 mins
14:35 - 14:55	Coffee Break - 20 mins
14:55 - 15:15	Poster Session - 20 minutes
Session 3	NEW EXPLORATION TRENDS IN ANALOG BASINS
15:15 - 15:35	Machine Learning Improves Seismic Imaging and Reduce Cycle Time for Egypt Exploration Lei Zhuo (Chevron)
15:35 - 15:55	Broadband Imaging using Multimeasurement Seismic Data for Prospect Identification and Shallow Hazard Analysis: A Case Study from Offshore Mozambique Arindam Kanrar (Schlumberger)
15:55 - 16:15	Understanding the Reservoir Quality and Heterogeneity by using Unsupervised Machine Learning Methods Applied to 3D Seismic Data Marwa Hussein (Ain Shams University)
16:15 - 16:35	Moderated Discussion - 20 mins

Monday, 21 March 2022

Day 2

Session 4	STRUCTURAL AND STRATIGRAPHIC FRAMEWORK OF THE RED SEA - PART 1
9:00 - 9:20	Tectonic Evolution Influence on Sedimentation, Hydrocarbon Systems and Entrapments of Northern Red Sea Rift Basin, Egypt Ahmed Abdel Aal (Dana Gas)
9:20 - 9:40	Revising Post-Salt Stratigraphy to Solve the Challenges of Pre-Salt Targets in the Egyptian Red Sea Ahmed Eid (Schlumberger)
9:40 - 10:00	Sedimentation and Basin Configuration Key-Role for Miocene Carbonate Build-Up in the Gulf of Suez and Red Sea Rift Basins Ibrahim Attia (GANOPE)
10:00 - 10:20	Red Sea Evaporites: Formation, Creep, and Self-Preservation Joshua Eric Smith (KAUST)
10:20 - 10:50	Moderated Discussion - 30 mins
10:50 - 11:10	Coffee Break - 20 mins
Session 5	STRUCTURAL AND STRATIGRAPHIC FRAMEWORK OF THE RED SEA - PART 2
11:10 - 11:30	Contribution of Outcrop And Seismic Data to Understanding the Hydrocarbon Potential of the Egyptian Red Sea Basin Ahmad Mostafa (GANOPE)
11:30 - 11:50	Tectonic Control on the Reef Evolution in the Middle Miocene Red Sea Rift Basin Tihana Pensa (KAUST)
11:50 - 12:10	Syn-Rift Structures and Depositional Architectures on the Saudi Arabian Red Sea Margin: Implications for “Advantaged Reservoirs” for Hydrocarbons and CO2 Sequestration Richard Collier (LEEDS UNIVERSITY)
12:10 - 12:30	Importance of Comprehensive Geological Models to Improve the Seismic Data Processing and Interpretation: Lesson Learned from the Gulf of Suez Rift Basin Ibrahim Attia (GANOPE)
12:30 - 13:00	Moderated Discussion - 30 mins
13:00 - 14:00	Lunch - 1hr
Session 6	TECHNOLOGIES TO UNVEIL RED SEA PROSPECTIVITY - PART 1
14:00 - 14:20	Multibeam and Seafloor Sampling Surveys for de-risking Frontier Plays through Hydrocarbon Evidence Alessio Checoni (TGS)
14:20 - 14:40	Refined Data Processing Strategies for Improved Understanding of Red Sea Imaging Complexities and Potentials Eslam Esmail (PETRONAS)
14:40 - 15:00	Multiscale Potential Field Modelling and Integrated Interpretation in the Red Sea and Gulf of Suez Mattia Speziali (Schlumberger)
15:00 - 15:20	Application of Broadband Gravity Data to Map the Red Sea Basement Structure Jonathan Watson (AustinBridgeporth)
15:20 - 15:50	Moderated Discussion - 30 mins
15:50 - 16:10	Coffee Break - 20 mins
Session 7	TECHNOLOGIES TO UNVEIL RED SEA PROSPECTIVITY - PART 2
16:10 - 16:30	The Impact of Sediment Deposition on Lateral Variations in Velocity and Seismic Imaging in the Red Sea TBC (TGS)
16:30 - 16:50	Learning from 3D Data: Insights from re-imaging of the Red Sea 3D Seismic Data Abdalla Ibrahim Abouelela (Schlumberger)
16:50 - 17:10	Gravity Field Reconstruction using Gradiometric Measurements Gary Barnes (AustinBridgeporth)
17:10 - 17:30	Robust Internal Multiple Attenuation Workflow and High-Resolution Velocity Modelling for Improved Imaging: A Case Study from the Red Sea, Offshore Egypt Mahmoud Ouda (Schlumberger)
17:30 - 18:00	Moderated Discussion - 30 mins

Tuesday, 22 March 2022

Day 3

Session 8	UNDERSTANDING RED SEA SUBSURFACE THROUGH LOCAL ANALOGUES
9:00 - 9:20	Exploration Upside – Inverted Structural Model Incorporating Rejuvenated Faults in Northern Gulf of Suez Area Hosny Diab (Schlumberger)
9:20 - 9:40	Integration of Surface and Subsurface Data to Optimize the Hydrocarbon Exploration in the NW Red Sea, Egypt Mohamed Ali (GANOPE)
9:40 - 10:00	Structural Evolution and Petroleum Potential of Gulf of Suez and Red Sea Rift System, Egypt Ibrahim El Dessouky (ENI)
10:00 - 10:20	Advanced Reprocessing Techniques Provide New Insights into the Exploration Potential of the Sub-salt Cenozoic Play, East Mediterranean Offshore Egypt Mahmoud El Attar (Schlumberger)
10:20 - 10:50	Moderated Discussion - 30 mins
10:50 - 11:10	Coffee Break - 20 mins
11:10 - 11:30	Poster Session - 20 mins
Session 9	UNDERSTANDING RED SEA SUBSURFACE THROUGH ANALOGUES
11:30 - 11:50	Gaining New Insight into an Old Prospect through Seismic Reprocessing: Offshore Colombia Cast Study Kai Zhang (Chevron)
11:50 - 12:10	Exploring the ‘Saline Giant’ - A Case Study from Angola Sugandha Tewari (Schlumberger)
12:10 - 12:30	Enabling Sub-salt Exploration in the Red Sea Osman Khan (Shell)
12:30 - 12:50	Global Successful High-end Velocity Model Building Technologies Applied in Basins with Similar Red Sea Imaging Challenges Adriana Citlali Ramirez (TGS)
12:50 - 13:20	Moderated Discussion - 30 mins
13:20 - 14:20	Lunch - 1hr
Session 10	NEW APPROACHES TO IMAGE THE RED SEA SUBSURFACE
14:20 - 14:40	Evaluating the Improvement from Dual-Azimuth and Wide-Azimuth Towed Streamer Acquisition for Brazil Pre-Salt Exploration: A Finite Difference Modeling Case Study Lei Zhuo (Chevron)
14:40 - 15:00	Distributed Seafloor Observatory – Monitoring Processes in the Red Sea Wonjun Cha (KAUST)
15:00 - 15:20	Low Frequency Seismic Source for Imaging under Complex Overburden Stephane Laroche & Nicolas Tellie (Sercel)
15:20 - 15:40	New horizons for Gulf of Suez seismic exploration Abdalla Ibrahim Abouelela (Schlumberger)
15:40 - 16:10	Moderated Discussion - 30 mins
16:10 - 16:20	Wrap up by the Committee Chairmen