

New Advances in Seismic Interpretation

8 - 9 December • Muscat, Oman



TECHNICAL PROGRAMME

SPONSORS

DIAMOND SPONSOR



DAY 1 - TUESDAY, 8 DECEMBER 2026

Venue: Crowne Plaza - Muscat, Oman

08:00 - 09:00	Onsite Registration	
09:00 - 09:05	HSE Address by hotel	
09:05 - 09:15	Welcome address by Committee Co-chairs	
09:15 - 09:35	Opening Address	
09:35 - 09:45	Committee and Sponsor Recognition	
09:45 - 09:55	Group Photo	
09:55 - 10:15	Coffee Break - 20 min	
SESSION 1	ADVANCES IN SEISMIC INTERPRETATION AND INTEGRATION - PART 1	SESSION CHAIRS: Nicolas Daynac (Eliis)
	Khalid Ali Mubarak Obaid (ADNOC) <i>Keynote Speaker</i>	Carbonates Are Not Clastics: An Integrated Seismic Driven Workflow for Detecting and Modeling Tectonic-Controlled Permeability
	Ika Sulistyaningrum (Aramco)	Seismic Sequence Stratigraphic Identification of Porous Geobodies in Deeply-Buried Permian Aeolian Units
10:15 - 11:35	Waqar Ahmad (Pakistan Petroleum Limited)	Unlocking a New Offshore Play: Exploration Potential of Shelf Margin Carbonate Buildups in the Offshore Indus Basin, Pakistan
	Luis Girolodi (Aramco)	Seismically Driven Exploration in a Frontier Area: A Case Study from Saudi Arabia
	Mahnad Rabia Mohammed Al Jabri (Petroleum Development Oman)	Re-vitalizing the emerging Shammar Play in North Oman
11:35 - 12:05	Discussion - 30 min	
12:05 - 13:05	Lunch - 1hr	
SESSION 2	AI-DRIVEN SEISMIC INTERPRETATION - PART 1	SESSION CHAIRS: Mohammed Farfour (SQU)
	Anurag Grover (ADNOC)	Beyond Deterministic Approaches: AI-Powered Structural Uncertainty Quantification in Carbonate Reservoirs.
13:05 - 14:05	Zahid Ullah Khan (Pakistan Petroleum Limited)	Petro-elastic Attributes Approximations Through Convolutional Neural Networks Integrated with Theory-based Techniques
	Dengyi Xiao (BGP)	Sedimentary Facies Predication through Machine Learning: Case study from Carbonate Reservoir of Iraq
	Annur Asma Sayidah binti Shamsuddin (Beicip-Franlab Asia)	AI/ML Value – Understanding Supervised Analysis in Reservoir Characterisation
14:05 - 14:35	Discussion - 30min	
14:35 - 14:55	Coffee Break - 20 min	
SESSION 3	ADVANCED RESERVOIR CHARACTERIZATION - PART 1	SESSION CHAIRS: Afifa Al Harrasi (Petroleum Development Oman)
	Panos Doulgeris (Delft Inversion)	Rethinking Seismic Reservoir Characterization in the Compliance Domain
	Abrar Alabbad (Aramco)	Relationship Between Elastic and Petrophysical Properties in Carbonate Reservoirs
14:55 - 15:55	Muneera Al-Awadhi (KOC & University of Manchester)	Seismic Interpretation and Inversion for Carbon Storage Assessment in Kuwait
15:55 - 16:25	Discussion - 30min	
17:00 - 19:00	Welcome Reception	

DAY 2 - WEDNESDAY, 9 DECEMBER 2026

Venue: Crowne Plaza - Muscat, Oman

SESSION 4	VELOCITY MODELING, FWI, AND IMAGING	SESSION CHAIRS: Abdulla Al Kobaisi (ADNOC)
	Alexander Muller (Petroleum Development Oman) <i>Keynote Speaker</i>	Bridging the Gap — Why Interpreters and Seismic Imaging Geophysicists Must Collaborate to Unlock Oman’s Complex Plays
	Nicolas Daynac (Eliis)	Assessing Seismic Resolution Effects on Depositional Sequence Characterization using Analogue-Calibrated RGT Modelling
09:00 - 10:05	Gennady Erokhin (Geomex Technologies LLC)	New Subsurface Insight Through Scattering Illumination: Interpretation Advances from Reverse Time Holography AI (RTH/RTHAI)
	Saif Al Azri (Petroleum Development Oman)	Monitoring Steam injection processes at TA-GOGD Field using ambient noise seismic interferometry technique. Case study from Sultanate of Oman
10:05 - 10:35	Discussion - 30 min	
10:35 - 10:55	Coffee Break - 20 min	
SESSION 5	ADVANCES IN SEISMIC INTERPRETATION AND INTEGRATION - PART 2	SESSION CHAIRS: Talal Al-Fuhaid (Saudi Aramco)
	Hassan Ali Al Ramadhan (Aramco)	An Integrated Approach to Paleo-Valley Characterization Using 3D Seismic Data
10:55 - 11:55	Zakiyah Alkhadrawi (Aramco)	Mapping Ordovician Deep Marine Canyons using Frequency Filtered and Spectral Decomposition Slices
11:55 - 12:25	Discussion - 30min	
12:25 - 13:25	Lunch - 1hr	
SESSION 6	AI-DRIVEN SEISMIC INTERPRETATION - PART 2	SESSION CHAIRS: Mohammed Farfour (SQU)
	Nicolas Daynac (Eliis)	AI-Augmented Structural and Depositional Feature Extraction within a Relative Geological Time Framework: Applications to Noisy Data & Thin Beds
	Stanley Rich Wharton (Subsurface Imaging Company)	An Integrated Interpretation in Upper Jurassic Reservoirs using Machine Learning Tools -Semi-Automatic Seismic Mapping, Seismic Facies Analysis and Log Facies Classification
13:25 - 14:25	Sehrish Bibi (SLB Pakistan)	Machine Learning Assisted Interpretation: Integrated Fault & Horizon Prediction and Extraction on Large Dataset with Diverse Structure Styles, A Case Study of Indus Basin and Offshore Areas, Pakistan
	Dip Nanda (Rezlytix Technologies)	Next-Generation Advanced Imaging: Super-Resolution Seismic Imaging & Inversion with DIME AI Engine
14:25 - 14:55	Discussion - 30min	
14:55 - 15:15	Coffee Break - 20min	
SESSION 7	ADVANCED RESERVOIR CHARACTERIZATION - PART 2	SESSION CHAIRS: Jamal Al Aamri, (OXY)
	Chen Xin (BGP)	Seismic-Driven Reservoir Characterization
15:15 - 16:15	Khadeejah Amir Ahmad AlQazwini (Kuwait Oil Company)	Integration of Seismic Inversion and QI for Field Development Studies in the Brownfield Clastic BurganReservoir of the Raudhatain field, North Kuwait
	Mahmoud Noaman (Aspentech)	Fast Stochastic Inversion (FSI): Accelerating Seismic Interpretation with High-Resolution, Uncertainty-Aware Models
	Laode Ahdyar (Aramco)	Stratigraphic trap identification based on the integration of a regional sequence stratigraphic framework and advanced geophysical analysis - example from a Bajocian Bathonian age carbonate platform on the Arabian Plate
16:15 - 16:45	Discussion - 30min	
	Closing address by committee co-chairs	