

New Geophysical aspects for Production Enhancement Workshop												
Start Time	Duration	End Time	Presenter Name	Company	Paper Title   Session Chairs	Speaker Type	Acceptance					
DAY 1 - 13 May 2025 JW Marriot, Muscat, Oman												
8:00	1:00:00	9:00	Onsite Registration									
9:00	0:05:00	9:05	HSE by hotel									
9:05	0:05:00	9:10	Welcome Address by SEG									
9:10	0:05:00	9:15	Welcome Address by co-chairs									
9:15	0:15:00	9:30	Opening Address									
9:30	0:15:00	9:45	Opening Address									
9:45	0:15:00	10:00	Committee and Sponsor Recognition									
10:00	0:10:00	10:10						Group Photo				
10:10	0:20:00	10:30						Coffee Break - 20 min				
Session 1			Innovation in Geophysics Acquisition		Session Chairs:		Manish Lal Khaitan	Mohammed Al-Ismaili				
10:30	0:20:00	10:50	Rafael Guerra	SLB	Downhole DAS seismic technology: from exploration to reservoir monitoring		Keynote					
10:50	0:15:00	11:05	Yu Gang	BGP	3D DAS-VSP data acquisition, processing and integrated interpretation in Junggar Basin		Invited					
11:05	0:15:00	11:20	Mohammed Al Hosni	Petroleum Development Oman	Opportunistic fields development seismic within WAZ surveys: Examples from the Sultanate of Oman		Invited					
11:20	0:30:00	11:50	Discussion - 30 min									
11:50	0:20:00	12:10	Coffee Break - 20 min									
Session 2			Advancement in Seismic Processing for High-Resolution Imaging		Session Chairs:							
12:10	0:20:00	12:30	David McCarthy	Viridien	Onshore and shallow marine FWI – looking beyond the structural image		Keynote					
12:30	0:15:00	12:45	librahim AlHinal	Viridien	An adapted land processing flow for QI of sand channels at the edge of seismic resolution in northern Oman.		Invited					
12:45	0:15:00	13:00	Amir Asnaashari	BGP	Advanced Seismic Processing and Imaging Techniques: Enhancing Subsurface Understanding		Invited					
13:00	0:30:00	13:30	Discussion - 30 min									
13:30	1:15:00	14:45	Lunch - 1hr 15 min									
Session 3			Full-Waveform imaging and Inversion (FWI)		Session Chairs:		Thomas Massip					
14:45	0:20:00	15:05	Olga Podgornova	SLB	Elastic Full Waveform Inversion for Borehole Seismic Data		Keynote					
15:05	0:15:00	15:20	Lian Duan	BGP	Prestack full waveform impedance inversion: Theory and applications		Invited					
15:20	0:15:00	15:35	Sulaim almaani	Viridien	Fault imaging with land FWI: A case study from north Oman		General					
15:35	0:30:00	16:05	Discussion - 30 min									
End of Day 1												
18:00	2:00:00	20:00	Welcome Reception									

DAY 2 - 14 May 2025						
JW Marriott, Muscat, Oman						
Session 4			Seismic Insights for Reservoir Characterization: Unlocking Subsurface Potential		Session Chairs:	
9:00	0:15:00	9:15	Amir Al Aamri	Oxy	Integrating well logs, seismic attributes & pre-stack seismic inversion to unlock Gharif opportunities	General
9:15	0:15:00	9:30	Prosenjit Das	ONGC	Comprehensive analyses of diverse seismic attributes to elucidate Karst Topography in Western Offshore Basin of India	General
9:30	0:15:00	9:45	Hongliu Zeng	University of Texas at Austin	Seismic sedimentology applied to high-resolution fluvial reservoir (flow unit) analysis for production optimization in the matured Cao-Hui-Dian field, Bohai Bay Basin, China	General
9:45	0:30:00	10:15	Discussion - 30 min			
10:15	0:20:00	10:35	Coffee Break - 20 min			
Session 5			Machine Learning in Geophysics Part 1		Session Chairs:	Qais Al-Siyabi
10:35	0:15:00	10:50	Syed Sadaqat S Ali	Saudi Aramco	Practical AI in Geosciences: Advancing Efficiency, Consistency, and Decision-Making	Invited
10:50	0:15:00	11:05	Mujeeb Oke	ADNOC	Machine Learning in Geophysics: Enhancing Seismic Data Quality, Accelerating Interpretation, and Improving Accuracy.	Invited
11:05	0:15:00	11:20	Alex Wilson	Eliis	Human Learning for Artificial Intelligence in Geoscience	Invited
11:20	0:30:00	11:50	Discussion - 30 min			
11:50	1:15:00	13:05	Lunch - 1hr 15 min			
Session 6			Machine Learning in Geophysics Part 2		Session Chairs:	
13:05	0:20:00	13:25	Stewart Bruce Duncan	Kuwait Oil Company	Enhanced Well Placement, Fracking and Production by Using Seismic Attribute Analysis to Detect Faults and Discrete Fractured Areas in an Unconventional Reservoir Tight Reservoir Setting	Keynote
13:25	0:15:00	13:40	Nurhasan	Medco LLC	Seismic fracture characterization using vector high fidelity (VHF) signal enhancement technique and machine learning (ML) fault prediction: An example from Cambrian Ara/Birba Dolomite Oil Discoveries in the Sultanate of Oman	Invited
13:40	0:15:00	13:55	Abdulmohsen Alali 2	Saudi Aramco	Enhanced Fault Analysis Method: Fault Connectivity	General
13:55	0:30:00	14:25	Discussion - 30 min			
14:25	0:20:00	14:45	Coffee Break - 20 min			
Session 7			Integrated geophysical approaches for reservoir characterization and monitoring		Session Chairs:	
14:45	0:20:00	15:05	Rajesh Rajagopal	Kuwait Oil Company	IMPACT OF ADVANCED GEOPHYSICAL TECHNIQUES IN ENHANCING HYDROCARBON PRODUCTION	Keynote
15:05	0:20:00	15:25	Youssef ARROUB	Totalenergies	4D Monitoring of Middle East Carbonate, it works. How? Integrated approach	Keynote
15:25	0:15:00	15:40	Nepal Singh	ADNOC	A Novel Seismic Data Integration Approach for Enhanced Fracture Characterization to Mitigate Early Water Breakthrough in Fractured Carbonate Reservoirs	Invited
15:40	0:30:00	16:10	Discussion - 30 min			
End of Day 2						

DAY 3 - 15 May 2025						
JW Marriott, Muscat, Oman						
8:40	0:20:00	9:00	Coffee Break - 20 min			
Session 8			4D Time-Lapse Seismic for Reservoir Integrity and Drainage Optimization		Session Chairs:	
9:00	0:20:00	9:20	Youness El Ouair	Saudi Aramco	Overcoming Challenges in Seismic Monitoring for Carbonate Reservoirs: A Roadmap for Enhanced Reservoir Drainage Strategies in the Middle-East.	Keynote
9:20	0:15:00	9:35	Mohammed Al Balushi	Petroleum Development Oman	Successful Reviving of Land Surface Seismic 4D processing in PDO	General
9:35	0:15:00	9:50	AGUT Cyril	TotalEnergies	Derisking overburden integrity with 4D Seismic Monitoring: challenges and best practices.	General
9:50	0:30:00	10:20	Discussion - 30 min			
10:20	1:15:00	11:35	Lunch - 1hr 15 min			
Session 9			Microseismic Monitoring for Hydraulic Fracturing and Production Optimization		Session Chairs:	
11:35	0:15:00	11:50	Takashi Mizuno	SLB	The earthquake source parameters in microseismic monitoring: Remaining challenges in the industry applications	Invited
11:50	0:15:00	12:05	Iu Yao	BGP	A 3D Imaging Method for Hydraulic Fracturing Monitoring Using Surface Controlled Source Electromagnetic Method Based on Deep Learning	Invited
12:05	0:15:00	12:20	Feng Heng	BGP	Application of Microseismic Monitoring Technology in Production Enhancement	General
12:20	0:30:00	12:50	Discussion - 30 min			
12:50	0:20:00	13:10	Wrap Up - 20 min			
13:10	0:20:00	13:30	Coffee Break - 20 min			
End of Day 3						