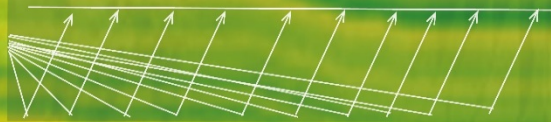


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GEOPHYSICS SEMINAR


 14 December 2023
 Events @ No. 6, London
 #GeophysicsSeminar2023

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Geophysics in the New Age Seminar

Thursday 14 December 2023

Events @ No.6 | London

PROGRAMME

08:00 - 09:00	Registration and refreshments
Session 1 – Chair: Alan Foun – Zanzibar Geophysics	
09:00 - 09:10	Howard Nicholls – TGS Welcome and introduction
09:10 - 09:35	Nick Woodburn – RockWave, Bruce Samuel – RWE, Dave Monk – ACTeQ Practical Considerations for Optimising 3D Ultra-High Resolution Seismic
09:35 - 10:00	Sergio Grion, Arash Jafar Gandomi, Aparajita Nath – Shearwater Marine Vibrators: Seismic Data Processing Implications of New Survey Designs
10:00 - 10:25	Nicolas Tellier – Sercel MEMS-Based Seismic Motion Sensors: An Overview of Sensing Performance
10:25 - 10:50	Refreshment break
Session 2 – Chair: Jason Sutton – Principal Geophysicist	
10:50 - 11:15	Mehdi Paydayesh, Amir Shamsa, Maria Perezhogina – SLB Fast-Tracking Geophysical Feasibility in CCS with Artificial Intelligence
11:15 - 11:40	Kevan Bliss – Metatek-Group Ltd Can LiDAR Add Value to Exploration Surveys?
11:40 - 12:05	Gordon Stove, K. van den Doel – Adrok, R. Baria – EGS, H. Glass – University of Exeter Earth-Friendly Subsurface Geothermal Surveillance Technology
12:05 - 12:30	Andrew J S Wilson – CNOOC International Monitoring a Subtle 4D Seismic Signature Beneath a Challenging Overburden Using Ocean Bottom Nodes (OBN): Experience from Golden Eagle
12:30 - 13:30	Lunch break
Session 3 – Chair: Dr Aaron Lockwood – Shearwater	
13:30 - 13:55	Joe Mongan – PIPCO Research Studies Group, Ireland Lowering the Environmental Impact of Geophysical Operations with Passive Technologies
13:55 - 14:20	Rebecca Bell – Imperial College, Mark E. Vardy – SAND Geophysics, Abdulquadir Cader – GeoTeric, Neil Dyer – Cathie Associates, Rochelle Pun & Orla Duffy – Imperial College Detailed Foundation Hazard Assessment Using 3D UHRS
14:20 - 14:45	Christian Strand, David Eastwell and Jason Canning – Nuclear Waste Services Seismic Imaging of a Site for Potential Deep Geological Disposal of Nuclear Waste
14:45 - 15:10	David Harrison & Sophie Martin Using Drones to Locate Unexploded Ordnance
15:10 - 15:35	Refreshment break
Session 4 – Chair: Jonathan Watson – Metatek Group Ltd	
15:35 - 16:00	Didier Lecerf & Cyrille Reiser – PGS Challenges for Monitoring CO2 Sequestration Using 4D Seismic
16:00 - 16:25	Cyrille Reiser & R. Ruiz – PGS and R. Keirstead – Homestead Services Interactive 4D Feasibility Modelling for CCS and Near Field Exploration, a UK Southern North Sea Case Study
16:25 - 16:50	Simon Stokes, Sandrine David, Eddie Cho, Graeme Stock and Simon Baldock – TGS Hybrid OBN and High-Resolution 3D Streamer Acquisition for CO2 Monitoring – a Case Study Over the Sleipner Storage Facility
16:50 - 17:15	Tom Rayment – DUG MP-FWI Imaging and green HPC: the Future of Processing and Imaging
17:15 - 17:35	Glynn Williams - SILIXA The Use of Fibre Optic Distributed Sensing Systems for the Monitoring of Geological Storage of Co2
Plenary Session – Chair: Ceylan Gomez – CNOOC	
17:35 - 18:00	Panel Discussion
18:00 - 20:00	GESGB Winter Social Event