



# BOREHOLE GEOPHYSICS:

## New Developments for Global Energy

23–24 Apr '24 • Kuala Lumpur, Malaysia

# TECHNICAL PROGRAMME

SPONSORS	DAY 1 - TUESDAY, 23 APRIL 2024 Venue: TBC	DAY 2 - WEDNESDAY, 24 APRIL 2024 Venue: TBC
<p><b>ORGANIZING COMMITTEE</b></p> <p><b>COMMITTEE CO-CHAIR</b> JOEL LE CALVEZ SLB</p> <p>Hafizal Zahir PETRONAS</p> <p><b>COMMITTEE MEMBERS</b> Andres Chavarría Optasense</p> <p>Avirup Chatterjee Baker Hughes</p> <p>Arthur Guzik Newbrex</p> <p>Daniel Chan Sarawak Shell</p> <p>Duncan Barr Sedigon Consultants</p> <p>Elijah How SLB</p> <p>Faizan Akasyah Ghazali PETRONAS</p> <p>Fergus Sinclair Smith Ikon Science</p> <p>Gang Yu BGP</p> <p>Ge Zhan TGS</p> <p>Joseph Ma Halliburton</p> <p>Maziah Adura A Majid PETRONAS</p> <p>Peter Smith Silixa</p> <p>Pierre Bettinelli SLB</p> <p>Roman Pevzner SLB</p>	<p>08:00 - 09:00 <b>Onsite Registration</b></p> <p>09:00 - 09:05 <b>Hotel Safety Briefing</b></p> <p>09:05 - 09:20 <b>Welcome by the Committee co-chairs</b></p> <p>09:20 - 09:50 <b>Opening Address by</b></p> <hr/> <p>09:50 - 10:00 <b>Group Photo</b></p> <p>10:00 - 10:20 <b>Coffee Break - 20 mins</b></p> <hr/> <p>Session 1 10:20 - 11:40 <b>SESSION 1: ACQUISITIONS</b> Session Chairs: TBC</p> <p><b>Joint OBN and 3D DAS-VSP data acquisition and processing in the Middle East</b> Gang Yu (BGP Inc., CNPC) <b>3D DAS VSP, Exploring Tomorrows' Opportunities.</b> Faizan Akasyah (PETRONAS) <b>Trialling long-range DAS VSP acquisition at Curtin GeoLab</b> Roman Pevzner (Curtin University) <b>High-resolution downhole DAS data acquisition with electric sparker</b> Konstantin Tertysnikov (Curtin University)</p> <hr/> <p>11:40 - 12:10 <b>Q&amp;A Session - 30 min</b></p> <hr/> <p>12:10 - 13:40 <b>Lunch</b></p> <hr/> <p>Session 2 13:40 - 14:50 <b>INTEGRATED STUDIES PART 1</b> Session Chairs: TBC</p> <p><b>Reservoir Geomechanics and its Advance Applications for CO2 Geological Storage</b> Ahmad Reza Younessi Sinaki (Baker Hughes) <b>Geomechanical Application of Borehole Microseismic Monitoring Interpretation for CCUS</b> Junghun Leen (PETRONAS) <b>Machine Learning Applications for Distributed Acoustic Sensing (DAS) Systems</b> Mikko Jaaskelainen (Halliburton)</p> <hr/> <p><b>Q&amp;A Session - 30 min</b></p> <hr/> <p>14:50 - 15:20</p> <hr/> <p>15:20 - 15:40 <b>Coffee Break - 20 mins</b></p> <hr/> <p>Session 3 15:40 - 16:40 <b>INTEGRATED STUDIES PART 2</b> Session Chairs: TBC</p> <p><b>Application prospects of microseismic monitoring technology in CCS safety monitoring</b> Feng Heng (BGP Inc., CNPC) <b>"Weak Reflection Extraction in Borehole Acoustic Reflection Imaging Using an Unsupervised Machining Learning Method"</b> <b>Using an Unsupervised Machining Learning Method"</b> Hua Wang (UESTC) <b>Field X Experience in Permanent Distributed Fiber Optics Sensing (DFOS) Technology</b> Hakim Basri (PETRONAS)</p> <hr/> <p>16:40 - 17:10 <b>Q&amp;A Session - 30 min</b></p> <hr/> <p>17:10 - 18:40 <b>Post Event Networking</b></p>	<p>Session 4 09:00 - 09:40 <b>TBC</b> Session Chairs: TBC</p> <p><b>Fiber Optics Applications</b> Tasvir Kaur (PETRONAS) <b>Geophysical exploration using the optical fiber in the high-temperature borehole in Kijiyama geothermal field in Tohoku, Japan</b> Junzo Kasahara (Shizuoka University and ENAA)</p> <hr/> <p>09:40 - 10:00 <b>Additional Speaker</b></p> <hr/> <p>10:00 - 10:30 <b>Q&amp;A Session - 30 min</b></p> <hr/> <p>10:30 - 10:50 <b>Coffee Break - 20 min</b></p> <hr/> <p>Session 5 10:50 - 11:50 <b>DAS-VSP AND CCS</b> Session Chairs: TBC</p> <p><b>Cost Effective Management of Borehole Geophysics Data for Low-Carbon Energy</b> Jess Kozman (Katalyst) <b>4D DAS-VSP applications in CCS</b> Qingfeng Li (Science and Technology (Chengdu) Ltd.) <b>DAS experiments for cost-effective CCUS monitoring in a coastal area depleted gas field</b> Takao Nibe (JAPEX)</p> <hr/> <p>11:50 - 12:10 <b>Additional Speaker</b></p> <hr/> <p>12:10 - 12:40 <b>Q&amp;A Session - 30 min</b></p> <hr/> <p>12:40 - 14:10 <b>Lunch</b></p> <hr/> <p>Session 6 14:10 - 15:10 <b>OTHER APPLICATIONS</b> Session Chairs: TBC</p> <p><b>Ultra-deep Look-ahead Technology for Precise Geostopping</b> Jin Ma (Halliburton) <b>Stationary-phase transformations VSP data into time, time and depth migrated sections. time, time and depth migrated sections.</b> Yevgeniy Tstsko (Independent) <b>TBC</b> Joel Le Calvez (SLB)</p> <hr/> <p>15:10 - 15:40 <b>Q&amp;A Session - 30 min</b></p> <hr/> <p>15:40 - 16:00 <b>Coffee Break - 20 min</b></p> <hr/> <p>Session 7 16:00 - 17:10 <b>PANEL SESSION</b> Panel Speaker 1 Panel Speaker 2 Panel Speaker 3 Panel Speaker 4</p> <hr/> <p>17:10 - 17:20 <b>CLOSING SESSION</b></p>