

POSTCONVENTION WORKSHOP

W-13: Low-cost Monitoring for Oil and Gas Production and Emerging Energies

George R. Brown Convention Center, Room 372C

Start	Stop	Presentation	Speaker	Affiliation
1:30 PM	1:35 PM	Welcome Address and Workshop Overview	Nimisha Vedanti	CSIR-National Geophysical Research Institute
Session 1: Low-Cost Seismic Acquisition and Distributed Fiber Sensing			Chair: Gordon Holmes	
1:35 PM	1:50 PM	Low-cost monitoring: feedback on onshore & offshore focused seismic acquisition: Timing & cost illustration	Habib Al-Khatib	Spotlight Earth
1:50 PM	2:05 PM	Field repeatability of a low-cost, permanently installed seismic monitoring source-receiver system	Xinding Fang	SensorEra Inc.
2:05 PM	2:20 PM	Achieving more with fewer resources: economical monitoring solutions using DAS and sparse node arrays	Kunpeng Liao	Viridien
2:20 PM	2:35 PM	Infilling Sparse Geophone Data Using Dense DAS Observations and Deep Learning	Tani Masanori/Jeffrey Shragge	Colorado School of Mines
2:35 PM	3:05 PM	Q&A Panel 1: Session 1 speakers	Moderated by Gordon Holmes	
3:05 PM	3:20 PM	Coffee Break		
Session 2: Multi-Physics Monitoring, CCS and Uncertainty			Chair: Shivaji Maitra	
3:20 PM	3:35 PM	Time-lapse gravity and seafloor deformation monitoring	Snorre Sulheim	Reach Subsea
3:35 PM	3:50 PM	Low-cost multi-physics monitoring for fluid imaging	Kurt Strack/Cesar Barajas-Olalde/Miguel Silva	KMS Technologies/Energy Transition International Inc.
3:50 PM	4:05 PM	Developing a sparse monitoring array at the Newell County Field Research Station, Alberta, Canada	Marie Macquet	Carbon Management Canada (CMC)
4:05 PM	4:20 AM	Monitoring the displacement of subsurface plumes using dynamic injection or production data	Sanjay Srinivasan	Penn State University
4:20 PM	4:50 PM	Q&A Panel 2: Session 2 speakers	Shivaji Maitra	Viridien
4:50 PM	5:00 PM	Summary and Closing Remarks	Moderated by organizers	