

POSTCONVENTION WORKSHOP

W-4: Applying lessons learned from Oil & Gas Geophysics to Energy Transition Challenges

George R. Brown Convention Center, Room 361B

Start	Stop	Presentation	Speaker	Affiliation
8:30 AM	8:35 AM	Introduction	Michel Verliac	TotalEnergies
8:35 AM	9:00 AM	KEYNOTE: To be determined	TBD	
9:00 AM	9:20 AM	CCS - Carbon TerraVault results	TBD	
9:20 AM	9:40 AM	Time-lapse sparse seismic monitoring solutions for CCS success	Gordon Holmes	ExxonMobil
9:40 AM	10:00 AM	Synergies in imaging research for the energy transition and conventional energy	Biondo Biondi/Barney and Estelle Morris	Stanford University
10:00 AM	10:15 AM	Coffee Break		
10:15 AM	10:35 AM	AI applied to Mining Geophysics - Xcalibur	Mason Dykstra	Minersai
10:35 AM	10:55 AM	Electromagnetic Monitoring of Subsurface Fluid Injection: Opportunities and Challenges	David Alumbaugh/Mike Wilt	Lawrence Berkeley National Laboratory
10:55 AM	11:15 AM	Translating experience from O&G to fluid imaging during the energy transition	Kurt Strack	KMS
11:15 AM	11:35 AM	CCS Monitoring including AI	Sohini Dasgupta	UT BEG
11:35 AM	12:00 PM	Panel Discussion		
12:00 PM	1:30 PM	Lunch Break		
1:30 PM	1:50 PM	Extending Interferometric Monitoring from Broadband Networks to DAS: Early Lessons and Emerging Opportunities	Qing Ji	UT Austin BEG
1:50 PM	2:10 PM	Pipeline monitoring overview	Dane Langen	Luna
2:10 PM	2:30 PM	Demonstrating the value of seismic from fiber optics: Recent results	Malcom Kent	Viridien
2:30 PM	2:50 PM	Panel Discussion		
2:50 PM	3:05 PM	Coffee Break		
3:05 PM	3:25 PM	SEAM	Bill Abriel	SEAM
3:25 PM	3:45 PM	SEAM CO2: Continuum and Contact-Based Geomechanical Modeling for Field-Scale CO2 Storage in Faulted Reservoirs	Jian Huang	TotalEnergies

3:45 PM	4:05 PM	Integrating 2D seismic reflectivity with 3D magnetotelluric resistivity volumes to predict subsurface clay distributions, Fervo Cape Station Project, Beaver County, Utah	James Pape/Gabe Matson	Fervo Energy
4:05 PM	4:25 PM	An Optical Three-Component Slim Seismic Sensor for Geothermal Applications	Jakob Haldorsen	MagiQ
4:25 PM	4:55 PM	Panel Discussion		
4:55 PM	5:00 PM	Wrap Up		