

POSTCONVENTION WORKSHOP

W-14: Optical fibers: What is next? Acquisition, Data, and Products

George R. Brown Convention Center, Room 351A

Start	Stop	Presentation	Speaker	Affiliation
8:30 AM	8:45 AM	Opening/Safety/Agenda		
Session 1				
1:35 PM	1:55 PM	KEYNOTE: Joint Interpretation of Multi-physics DFOS Measurements for Hydraulic Fracturing Monitoring	Ge Jin	Colorado School of Mines
1:55 PM	2:05 PM	Calibrating Rheology of a Complex Caprock Fault with DAS, DSS, DTS, and Multi-Component Strain Sensors	Stanislav Glubokovskikh	LBNL
2:05 PM	2:15 PM	Borehole DAS monitoring of reservoir changes	Frantisek Stanek	Silixa
2:15 PM	2:25 PM	DAS microseismicity monitoring made easier with data products and compression	Eileen Martin	Colorado School of Mines
2:25 PM	2:35 PM	Overview of Advancements in Distributed Optical Fiber Sensor Interrogation and Applications	Nageswara Lalam Ruishu	NETL
2:35 PM	3:05 PM	Panel Discussion		
3:05 PM	3:15 PM	Break		
Session 2				
3:15 PM	3:30 PM	From subsurface monitoring to multi-purpose utilization of fiber optics: Challenges and Expectations	Espen Birger Raknes	Akerbp
3:30 PM	3:45 PM	From Telecom Cables to Redeployable Arrays: Emerging Fiber-Optic Sensing Concepts for Imaging, Monitoring, and Environmental Intelligence	Andrey Bakulin	BEG Austin
3:45 PM	4:00 PM	The current state of DAS vs geophone performance: A West Texas Case Study	Bryan Harvey	Chevron
4:00 PM	4:10 PM	High resolution FDR from 3D DAS VSP data	Xin Cheng	SLB
4:10 PM	4:20 PM	Repeat or Distribute? Subset-Selection Strategies for DAS-VSP DL-Assisted FWI in Desert Environments	Nour Alzamil	Aramco
4:20 PM	4:30 PM	From RTM to FWI: Unlocking the Value of DAS VSP Imaging in Atlantis	Ye Feng	bp
4:30 PM	4:40 PM	Flexible DAS FO Architecture Possibilities	Bertrand Six	Alcatel Submarine Networks (ASN)
4:40 PM	5:00 PM	Panel Discussion		