

SPWLA Fall Topical Conference

“See and Hear the Formation: Exploring the Synergies Between Borehole Imaging and Borehole Acoustics”

Agenda

Day 1 - November 8th

Central Standard Time (GMT – 6hrs)		
7:45 – 8:20 AM	Breakfast and Registration	
8:20 – 8:30 AM	Welcome & HSE	
8:30 – 9:00 AM	Session 1: Stoneley Integration with BH Images Chair: TBC	<i>Hydraulic Fracture Aperture Determination Using Integration of Stoneley Wave “Pressure Testing” with Electrical Borehole Scans</i> Presenter: Brian Hornby (Hornby Geophysical)
9:00 – 9:30 AM		<i>Case Study: Integrated Analysis of Electrical Image and Acoustic Stoneley Reflectivity for Assessment of Fracture Fluid Conductance</i> Presenter: Eglee Lopez (HAL)
9:30 – 9:45 AM	Coffee Break	
9:45 – 10:15 AM	Session 2: Integrated Far-Field Acoustic and BH Imaging Chair: Matt Blyth, SLB	<i>Imaging the Vicinity of a Sub-Horizontal (SH) Drain into the Carbonate Dogger Geothermal Aquifer Using the 3D Far Field (3DFF) Processing of a Dipole Sonic Array Dataset, Results and Perspectives.</i> Presenter: Charles Naville (IFPEN)
10:15 – 10:45 AM		<i>Successful Avoidance of Production Hazards, from Sub-Seismic Faults, on a Multiple Horizontal Well Project in the Permian Basin</i> Presenter: Derek Buster (ProdiGeology)

10:45 – 11:15 AM	Session 2 Continued	<i>Use of Acoustic Far-Field and Borehole Imaging in Reservoir Evaluation and Hydraulic Stimulation Evaluation</i> Presenter: Yevgeniy Karpekin (SLB)
11:15 – 11:45 AM		<i>Integration of Borehole and Acoustic Imaging Improves Trajectories to Increase Production in Lateral Well Campaign.</i> Presenter: Luis Mendoza (SLB)
11:45 – 1:15 PM	Lunch	
1:15 – 2:45 PM	Panel Discussion: Visualizing Fractures Away from the Borehole—and What Ties to Flow? Moderator: Peter Barrett	Bill Dershowitz Bob Gales (HAL) Brian Hornby (Hornby Geophysical) Bernd Ruehlicke (Eriksfiord) <i>Additional panelists TBC</i>
3 PM	Day 1 Close	

Day 2 – November 9th

Central Standard Time (GMT – 6hrs)		
7:45 – 8:20 AM	Breakfast and Registration	
8:20 – 8:30 AM	Welcome & HSE	
8:30 – 9:00 AM	Session 3: Facies Classification from Acoustics and Imaging Chair: TBC	<i>Enhancing Automatic Facies Classification of Brazilian Pre-salt Acoustic Image Logs with SwinV2-Unet: Leveraging Transfer Learning and Confident Learning</i> Presenter: Nan You (Purdue)
9:00 – 9:30 AM		<i>An Integrated New Workflow Leveraging Lateral Heterogeneity, and its Effect on Hydraulic Stimulation.</i> Presenter: Elia Haddad (SLB)
9:30 – 10:00 AM		<i>New Findings of Geological History with Volcanic Rock from Borehole Image and Integrated Log Analysis in Hokkaido, Japan</i> Presenter: Chiaki Morelli (SLB)
10:00 – 10:15 AM	Coffee Break	
10:15 – 10:45 AM	Session 4: Stress Field Interpretation	<i>Geothermal Reservoir Characterization via Stress Field Analysis of Borehole Image and Sonic Logs</i> Presenter: Bernd Ruehlicke (Eriksfiord)

10:45 – 11:15 AM	Chair: Christian Rambousek (Nimbuc)	<i>Minimum Horizontal Stress Sharpening</i> Presenter: Elia Haddad (SLB)
11:15 – 11:45 AM	<i>Special topic: A standardized format for dip data exchange</i> Tegwyn Perkins, et. Al.	
11:45 – 1:15 PM	Lunch	
1:15 – 2:45 PM	Panel Discussion: Limits of LWD and Slimline Tools with Respect to Imaging, Anisotropy, and Heterogeneity Moderator: Philip Tracadadas (HAL)	Alexei Bolshakov (CVX) Rob Vines (Shell) Matt Blyth (SLB) Jennifer Market (SPWLA President) Doug Patterson (BH)
2:45PM – 3:00PM	Conference Closing Remarks	