

POSTCONVENTION WORKSHOP

W-1: 4D FWI for Reservoir Monitoring

George R. Brown Convention Center, Room 351A

Start	Stop	Presentation	Speaker	Affiliation
8:30 AM	8:35 AM	Introduction	Kanglin Wang	Shell
Session 1				
8:35 AM	9:00 AM	A brief history of 4D acquisitions	Daniel Davies	TGS
9:00 AM	9:25 AM	Unlocking the Santos Basin: Accelerating Reservoir Monitoring Turnaround with Joint 4D Elastic FWI of OBN Pressure Data	Gaurav Dutta	SLB
9:25 AM	9:50 AM	What needs to be addressed in reservoir 4D FWI? A tour on some field datasets	Nuno Vieira Da Silva	TotalEnergies
9:50 AM	10:10 AM	Discussion		
10:10 AM	10:20 AM	Break		
Session 2				
10:20 AM	10:45 AM	From 4D Images to Reservoir Insight – Integrating Seismic, Wells, and Surveillance Data in Atlantis Field	Ye Feng	bp
10:45 AM	11:10 AM	Convergence Behavior of Double-Difference and Joint Multiparameter Elastic 4D FWI	Yanhua Liu	Shell
11:10 AM	11:35 AM	Diffusion-Guided Full Waveform Inversion: Generative Priors for Seismic Imaging and Time-Lapse Monitoring	Yiran Shen	UT-Austin
11:35 AM	12:00 PM	Discussion		