

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
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	10:15 AM	Norphlet 4D case study	Patrick Mulcahy	Shell
10:15 AM	10:40 AM	Diffusion-Guided Full Waveform Inversion: Generative Priors for Seismic Imaging and Time-Lapse Monitoring	Yiran Shen	UT-Austin
10:40 AM	11:00 AM	Discussion		