

Texas Consortium for Computational Seismology

Thirteenth Bi-Annual Research Meeting

Monday, April 10, 2017		
8:00–8:30	Coffee and pastries	
8:30–9:00	Sergey Fomel	Introduction
9:00–12:00	<i>Seismic Anisotropy and Diffraction Imaging</i>	
	Yanadet Sripanich Luke Decker Dmitrii Merzlikin Karl Schleicher	Seismic anisotropy and MD parameters Seismic diffraction imaging methods Latest developments in diffraction imaging Seismic data processing workshops
12:00–1:00	Lunch	
1:00–5:00	<i>Automatic Picking</i>	
	Sergey Fomel Xinming Wu	Scanning and picking Semiautomatic salt picking using optimal path
	<i>Seismic-Well Ties</i>	
	Xinming Wu Yunzhi Shi Zhiguang Xue Sean Bader	Incremental correlation of multiple well logs Well-log interpolation and geologic distance Predictive painting across faults Semiautomatic seismic-well ties
5:30–8:30	Wine reception and dinner at Omni Westside Hotel	

Tuesday, April 11, 2017		
8:00–8:30	Coffee and pastries	
8:30–12:00	<i>Time-lapse Seismic</i>	
	Mason Phillips Sarah Greer Xiaokai Wang (XJTU)	Applications of amplitude-adjusted PWD Balancing local frequency content in seismic data Well-pump noise attenuation
	<i>Full Waveform Inversion</i>	
	Yunan Yang Zhiguang Xue Hanming Chen (CUP)	Optimal-transport objective functions in FWI Reflection FWI using warping Attenuation estimation in FWI
12:00–1:00	Lunch	

The meeting location is BEG Houston Research Center,
11611 West Little York Road, Houston, TX 77041.

The dinner location is Omni Westside Hotel,
13210 Katy Freeway, Houston, TX 77079.