Texas Consortium for Computational Seismology

Nineteenth Bi-Annual Research Meeting

Thursday, April 30, 2020		
9:00–9:30	Sergey Fomel	Introduction
9:30–12:00	Morning session: *Seismic interpretation*	
	Yunzhi Shi	Next generation of seismic interpretation
	Nam Pham	Automatic channel detection
12:00–1:30	Lunch break	
1:30–5:00	Afternoon session: *Seismic Imaging, Modeling, and Inversion*	
	Ben Gremillion	RTM image interpolation using time shifts
	Zhicheng Geng	Deep learning for velocity model building
	Harpreet Kaur	Deep learning for time-lapse inversion
	Richard Tsai	Time-parallel wave propagation using deep learning

Friday, May 1, 2020		
9:00–12:00	Morning session: *Automatic Data Analysis*	
	Sergey Fomel	Streaming attributes
	Yangkang Chen	Non-stationary signal-and-noise orthogonalization
	Harpreet Kaur	Deep learning for multiple removal
	Luke Decker	Automatic velocity picking
	Raymond Abma	Detection of gravity waves

The meeting is virtual by Zoom.

Day 1: `https://utexas.zoom.us/j/99538220520`

Day 2: `https://utexas.zoom.us/j/93930892526`

Password: TCCS (same for both days)