

# CREWES Sponsors Meeting 2017 Presentation Schedule

**Thursday November 30, 2017  
8:30 AM – 5:45 PM**

<b>TIME</b>	<b>SESSION Moderator</b>	<b>TITLE</b>	<b>SPEAKER</b>
8:30	<b>Session 1</b> Lawton	Welcome and new developments at CREWES	Kris Innanen
8:50	<i>Hussain Aldhaw*</i>	Discriminating elastic wave modes with shaped DAS fibres	Kris Innanen
9:10		DAS installations at the CaMI Field Research Station	Don Lawton
9:30		Vertical Seismic Profiling using DAS	Heather Hardeman
9:50		A coupled DAS shaped-fibre & 3D elastic FD wave model	Matthew Eaid
10:10		Comparison of vertical stacks of Vibroseis sweeps into fibre	Kevin Hall
10:30		<b>Break</b>	
11:10	<b>Session 2</b> Innanen	Processing of zero-offset DAS-VSP data from the CaMI site	Adriana Gordon
11:30	<i>Hani Alzahrani*</i>	Internal multiple prediction in the time and offset domains	Andrew Iverson
11:50		Multicomponent internal multiple prediction in the tau-p domain using high resolution transforms	Jian Sun
12:10		<b>Break – Lunch</b>	
1:30		Quantifying acquisition footprint	Gary Margrave
1:50		Raypath interferometry: 3D and time-lapse applications	David Henley
2:10		Cascaded deconvolution filters	Larry Lines
2:30		Comparison of refraction inversion methods	Bernie Law
2:50		<b>Break</b>	
3:10	<b>Session 3</b> Lawton	Seismic monitoring with continuous seismic sources	Tyler Spackman
3:30	<i>Arthur Lee*</i>	Full waveform seismic AVAz responses from orthorhombic reservoir models	Sitamai Ajiduah
3:50		Seismic responses in fractured reservoir rocks with induced attenuation	Huaizhen Chen
4:10-5:45	<b>Session 4</b>	Posters	

\* Grad Student Roving Microphone

# Presentation Schedule

Friday December 1, 2017  
8:30 AM – 4:00 PM

TIME	SESSION Moderator	TITLE	SPEAKER			
8:30	<b>Session 5</b> Innanen	Practical multi-parameter FWI: robust sensitivities, field data examples, and laboratory expansion plans	Kris Innanen			
8:50	<i>Ellen Liu*</i>	Frequency domain elastic FWI in VTI media	Junxiao Li			
9:10		Strategies for efficient multiparameter frequency domain QFWI	Scott Keating			
9:30		The seismic physical modelling laboratory as a tool for design and appraisal of FWI	Sergio Romahn			
9:50		<b>Break</b>				
10:30		PP / PS waveform inversion	Hassan Khaniani			
10:50		Towards robust multicomponent FWI: data conditioning	Raul Cova			
11:10		Fast waveform inversion strategies applied to Hussar	Marcelo Guarido			
11:30		Microseismic FWI: trade-offs between source and medium properties	Nadine Igonin			
11:50		<b>Break - Lunch</b>				
1:00	<b>Session 6</b> Trad	Mismatch between physics and operators in least-squares migration	Daniel Trad			
1:20	<i>Jorge Monsegny*</i>	Attenuation compensated RTM in acoustic VTI/TTI media	Ali Fathalian			
1:40		Particle swarm numerical solution of the wave equation	Michael Lamoureux			
2:00		Geophysical applications of quantum computing	Shahpoor Moradi			
2:20		<b>Break</b>				
2:40	<b>Session 7</b> Lines	Reservoir simulation and feasibility for seismic monitoring at the CaMI-FRS	Marie Macquet			
3:00	<i>Zhan Niu*</i>	Simultaneous inversion in the Duvernay	Ron Weir			
3:20		Least mean squares (LMS) applications in geophysics	Brian Russell			
Acquisition	Processing	CO <sub>2</sub> , fluids, fractures & viscosities	Posters	Practical FWI	Imaging & propagation	Case & feasibility studies

\* Grad Student Roving Microphone