

CREWES Sponsors Meeting 2017 Presentation Schedule

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

TIME	SESSION Moderator	TITLE	SPEAKER
8:30	Session 1 Lawton	Welcome and new developments at CREWES	Kris Innanen
8:50		Discriminating elastic wave modes with shaped DAS fibres	Kris Innanen
9:10		VSP with DAS	Heather Hardeman
9:30		DAS installations at the CaMI Field Research Station	Don Lawton
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		Break	
11:10	Session 2 Innanen	Processing of zero-offset DAS-VSP data from the CaMI site	Adriana Gordon
11:30		Internal multiple prediction in the time and offset domains	Andrew Iverson
11:50		Internal multiple prediction in the tau-p domain using high resolution transforms	Jian Sun
12:10		Break – Lunch	
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		Break	
3:10	Session 3 Lawton	Seismic monitoring with continuous seismic sources	Tyler Spackman
3:30		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	Session 4	Posters	

* Grad Student Roving Microphone

Presentation Schedule

Friday December 1, 2017

8:30 AM – 4:00 PM

TIME	SESSION Moderator	TITLE	SPEAKER			
8:30	Session 5 Innanen	Practical multi-parameter FWI: robust sensitivities, field data examples, and laboratory expansion plans	Kris Innanen			
8:50		Frequency domain elastic FWI in VTI media	Junxiao Li			
9:10		Strategies for efficient multiparameter frequency domain QFWI	Scott Keating			
9:30		FWI and Iterated Modeling Migration and Inversion (IMMI) applied to physical modelling data	Sergio Romahn			
9:50		Break				
10:30		Fast waveform inversion strategies applied to Hussar	Marcelo Guarido			
10:50		PP/PS waveform inversion	Hassan Khaniani			
11:10		Towards robust multicomponent FWI: data conditioning	Raul Cova			
11:30		Microseismic FWI: trade-offs between source and medium properties	Nadine Igonin			
11:50		Break - Lunch				
1:00	Session 6 Trad	Mismatch between physics and operators in least-squares migration	Daniel Trad			
1:20		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		Break				
2:40	Session 7 Lines	Reservoir simulation and feasibility for seismic monitoring at the CaMI-FRS	Marie Macquet			
3:00		Simultaneous inversion in the Duvernay	Ron Weir			
3:20		Least mean squares (LMS) applications in geophysics	Brian Russell			
Acquisition	Processing	CO ₂ , fluids, fractures & viscosities	Posters	Practical FWI	Imaging & propagation	Case & feasibility studies

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