

CREWES Sponsors Meeting 2016 Presentation Schedule

**Thursday December 1, 2016
8:15 AM – 5:30 PM**

Time	Session Moderator	Title	Speaker	Abstract Page #
8:15	Session 1 Kris Innanen	Welcome, New developments at CREWES	Kris Innanen	
8:30	Michelle Montano*	3C from helical fibre: tools for estimation and appraisal	Kris Innanen	32
8:50		Always finding faults: New Zealand 2016	Kevin Hall	29
9:10		The promise of 3C-3D for Alberta oil sands	Bobby Gunning	28
9:30		Walkaway S-wave VSP at Priddis and update on DAS fibre installation at Brooks	Don Lawton	41
9:50		Break		
10:20	Session 2 Daniel Trad	Five-dimensional interpolation: exploring three different Fourier operators	Daniel Trad	74
10:40	Tim Cary*	Q and cumulative attenuation in VSP data	Gary Margrave	51
11:00		Processing ground roll to analyze Rayleigh dispersion	Andrew Mills	54
11:20		PS-wave traveltimes difference inversion for near-surface characterization in the tau-p domain	Raul Cova	13
11:40		Internal multiple prediction: high resolution and 3C	Jian Sun	71
12:00		Break – Lunch		
1:00	Session 3 Gary Margrave	Rock physics and time-lapse seismic analysis of thermal heavy oil production	Evan Mutual	58
1:20	Nadine Igonin*	VVAZ analysis of 3D prestack seismic data	Khaled Al Dulaijan	2
1:40		Azimuthal anisotropy in elastic and equivalent media	Sitamai Ajiduah	1
2:00		Fluid terms and fracture weaknesses from AVAz	Huaizhen Chen	10
2:20		Break		
2:40		Feasibility study of time-lapse monitoring of CO2 sequestration	Marie Macquet	48
3:00		Seismic interpretation of 4D data from the Brooks FRS	Davood Nowroozi	60
3:20		VSP azimuthal travel time analysis at the Field Research Station near Brooks, AB	Adriana Gordon	25
3:40		Geostatistical simulation with multi-variable co-kriging	Hong (Kiki) Xu	81
4:00 5:30	Session 4	Posters		

* Grad Student Roving Microphone

Presentation Schedule

Friday December 2, 2016
8:15 AM – 3:40 PM

Time	Session Moderator	Title	Speaker	Abstract Page #		
8:15	Session 5 Kris Innanen	SH waves and rays in FWI	Larry Lines	45		
8:35	Andy Iverson*	FWI sensitivities in transversely isotropic anelastic media	Shahpoor Moradi	56		
8:55		Parameter resolution kernels in elastic/anisotropic FWI	Wenyong Pan	64		
9:15		Viscoacoustic FWI and the problem of model type	Scott Keating	36		
9:35		Formulation and testing of nonlinear FWI	Yu Geng	24		
9:55		Break				
10:25		Evaluating the potential of RWI	Khalid Almuteri	5		
10:45		Next steps in IMMI: the role of well-calibration in the context of high geological complexity	Sergio Romahn	66		
11:05		PSTD wave field simulation and gradient calculations for anisotropic FWI	Junxiao Li	44		
11:25	Session 6 Larry Lines	Nuts and bolts of least-squares Kirchhoff migration	Daniel Trad	75		
11:45	Tyler Spackman*	Break - Lunch				
1:00		Model-based near surface corrections for depth imaging	Dennis Ellison	21		
1:20	Session 7 Don Lawton	Grid algebra in finite difference methods	Michael Lamoureux	39		
1:40		2D viscoacoustic finite difference modelling and RTM	Ali Fathalian	22		
2:00		Jean Morlet and the continuous wavelet transform	Brian Russell	68		
2:20		Break				
2:40		Multiantenna GPR data acquisition design	Raul Cova	12		
3:00		Information measures for intrinsic and stratigraphic Q	Siming Lv	47		
3:20		Predicting oil-sands viscosity with well-logs	Eric Rops	67		
3:40		Wrap up				
Acquisition	Processing	Fluids, fractures & viscosities	Posters	FWI	Imaging/VSP	Modeling & prediction

* Grad Student Roving Microphone