

CREWES Sponsors Meeting 2011 Presentation Schedule

Thursday December 1, 2011 8:30 AM

TIME	SESSION Moderator	TITLE	SPEAKER
8:30		Welcoming Remarks	
8:35	Session 1 Margrave	The Hussar low-frequency experiment	Gary Margrave
9:00	*Mohammed Alarfaj	Hurrah for Hussar! Comparisons of stacked data	Helen Isaac
9:25		Source and receiver comparisons from Priddis and Hussar	Malcolm Bertram
9:50		Geophone azimuth consistency from VSP data	Peter Gagliardi
10:15		Break	
10:40	Session 2 Lawton	Earthquake on the Hussar low-frequency experiment	Kevin Hall
11:05	*Jean Cui	Frequency dependent AVO analysis of P- S- and C-wave elastic and anelastic reflection data	Kris Innanen
11:30		Field evidence for anelastic and dispersive AVF reflections	Chris Bird
11:55		Break – Lunch	
1:00	Session 3 Innanen	Q estimation by a match filter method	Peng Cheng
1:25	*Patricia Gavotti	Internal multiple attenuation based on scattering theory: theoretical review and synthetic example	Melissa Hernández
1:50		Experimental confirmation of "Reflections on Q"	Larry Lines
2:15		Break	
2:30	Session 4 Ferguson	Harmonic decomposition of vibroseis sweeps using Gabor analysis.	Chris Harrison
2:55	*Shahin Jabbari	P and S wave near surface characterization	Liliana Zuleta
3:20		Seismic imaging of faults at various scales - from the Christchurch NZ earthquake mega-rupture to Horn River Basin microfaults	Don Lawton
3:45		Reflectivity method for the computation of synthetic traces in a plane layered anelastic medium	Pat Daley (presented by G. Margrave)
4:10 – 6:00		Poster Session	

* Grad Student Roving Microphone

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Friday December 2, 2011 – 8:30 AM

TIME	SESSION	TITLE	SPEAKER
	Moderator		
8:30	Session 5 Bancroft	Acquiring physically-modeled data for VVAZ/AVAZ analysis	Joe Wong
9:00	*Shahin Moradi	Physical modelling of fractures and Estimating volumetrics from 3C-3D data	Rob Stewart
9:25		AVAZ inversion of a fractured medium for anisotropy parameters: A physical modeling experiment	Faranak Mahmoudian
9:50		Seismic fracture detection in the Second White Speckled Shale: Anisotropic perspectives on an isotropic workflow	David Cho
10:15		Break	
10:40	Session 6 Lines	Deconvolution after migration	John Bancroft
11:05	*Chris Petten	The explicit Fourier operators of seismic imaging	Rob Ferguson
11:30		Estimation of ground roll phase and group velocities	Roohollah Askari
11:55		Break – Lunch	
1:00	Session 7 Lawton	Time domain full waveform inversion algorithm using common scatter point gathers	Hassan Khaniani
1:25		How low can you go? : Finding low frequencies in various places - A Hussar example	Heather Lloyd
1:50	*Glen Young	Migration velocity analysis of incomplete/irregular data using least squares Kirchhoff migration	Abdolnaser Yousefzadeh
2:15		How processing affects relative reflection amplitudes	Dave Henley
2:40		Break	
2:55	Session 8 Margrave	Numerical modelling of viscoelastic waves by a pseudospectral domain decomposition method	Matt McDonald
3:20	*Thais Guirigay	Application of a surface consistent match filter (SCMF) on a time-lapse dataset	Mahdi Almutlaq
3:45		A Gassmann-consistent rock physics template	Brian Russell
4:10		Wrap Up	

* Grad Student Roving Microphone