

# PROGRAM: 3<sup>rd</sup> SYMPOSIUM ON RESEARCH IN GEOSCIENCES

08:45 - 09:00	<b>Coffee/Muffins</b>	Wake up!
09:00 - 09:05	<b>Walter Jones</b>	Welcoming and announcements
09:05 - 09:20	<b>Youcef Bouzidi</b>	Porous material characterisation using large ultrasonic beams: Velocity and attenuation estimates of Biot fast and slow waves
09:20 - 09:35	<b>Shahryar Shareef</b>	Determination of material properties by Laser Speckle Interferometry
09:35 - 09:50	<b>Mamadou Diallo</b>	Reformulation of the Biot/Squirt (BISQ) flow model:
	<b>Erwin Appel</b>	Theoretical and Experimental Results
09:50 - 10:05	<b>Health Break</b>	(Ok, also some unhealthy stuff like coffee)
10:05 - 10:45	<b>Claire Martin</b> (invited)	Meteorological mastications
10:45 - 11:00	<b>Bin Liu</b>	Wavefield reconstruction methods for seismic imaging
11:00 - 11:15	<b>Ulrich Theune</b>	SEG D&P forum: Integration of geological, geophysical, and engineering data
11:15 - 11:30	<b>Henning Kuehl</b>	Amplitude versus angle imaging
11:30 - 11:45	<b>Yajun Zhang</b>	Time lapse seismic data processing in Senlac area
11:45 - 12:00	<b>Veronica Martinez</b>	Mixed transitional/cyclic models for reflectivity
12:00 - 13:00	<b>Lunch Break</b>	Pizza and fruit
13:00 - 13:15	<b>Farook Al-Shamali</b>	Varying the shell geometry in planetary dynamo models
	<b>Moritz Heimpel</b>	
	<b>Jonathan Aurnou</b>	
13:15 - 13:30	<b>Peter Dobias</b>	Explosive instabilities in magnetized plasmas:
	<b>John C. Samson</b>	Implications for the substorm expansive phase
13:30 - 13:45	<b>Kathleen Dohan</b>	Internal wave generation from turbulence
	<b>Bruce Sutherland</b>	
13:45 - 14:00	<b>Zuzana Dobiasova</b>	Earthquake size distributions for Canadian west coast faults
	<b>Moritz Heimpel</b>	
14:00 - 14:15	<b>Martyn Unsworth</b>	The tectonics of Asia - new insights from magnetotelluric exploration
14:15 - 15:00	<b>Dave James</b> (invited)	Surviving technological and structural changes in the petroleum industry: What next?
15:00 - 15:15	<b>Health Break</b>	Before the final stretch!
15:15 - 15:30	<b>Melissa Lafreniere</b>	Seasonal change in snowpack, soil water and stream water
	<b>Martin Sharp</b>	DOC concentrations in glacial and snowmelt fed catchments in the Alberta Rocky Mountains
15:30 - 15:45	<b>Sarah Boon</b>	Effects of an Arctic chinook on polythermal glacier hydrology
15:45 - 16:00	<b>Pavlo Cholach</b>	Elastic properties of polycrystalline aggregate of orthorhombic symmetry: Application to olivine texture in upper mantle peridotites
16:00 - 16:15	<b>Darren Griffith</b>	Interpolation of daily climate data onto polygons
16:15 - 16:30	<b>Wladyslaw Rudzinski</b>	Numerical modelling of freezing rain accretion on H.V. insulators of electrical power transmission lines
	<b>Edward Lozowski</b>	
	<b>M. Farzaneh</b>	