

5th SYMPOSIUM ON RESEARCH IN GEOSCIENCES

PROGRAM

08:45 - 09:00	Coffee/Muffins	Wake up!
09:00 - 09:05	Walter Jones	Welcome and Announcements
09:05 - 09:20	Natalie Gomez Perez	Numerical Dynamos with Varying Core Geometry and the Effect of the Seed Magnetic Field
09:20 - 09:35	Wen Xiao	MT Survey in Rocky Mountain Foothills
09:35 - 09:50	Shawn Walker	A Study of the Magnetic Susceptibility and Magnetic Anomaly within the Athabasca Basin
09:50 - 10:05	Health Break	
10:05 - 10:45	Brad Hayes Invited - Petrel Robertson Consulting Ltd. (Imperial Oil Visiting Speaker)	High Impact Gas Exploration Potential of Western Canada – the Big Plays are Still Out There
10:45 - 11:00	Yajun Zhang	A Comparison Between Local and Global Inversion of Poststack Seismic Data to Estimate Acoustic Impedance
11:00 - 11:15	Juefu Wang	Inversion of Seismic Data for Angle Dependent Reflectivity
11:15 - 11:30	Kathleen Dohan	Internal Waves: Love Them, Hate Them, But You Can't Ignore Them
11:30 - 11:45	Peter Dobias	Magnetospheric Substorms: Alternative Approaches to Stability of Magnetized Plasmas
11:45 - 12:00	Vahid Rezanian	Field Line Resonances: Reach Beyond Earth's Magnetosphere
12:00 - 13:00	Lunch Break	
13:00 - 13:15	Daniel Collins	Physical Properties of Shale Samples
13:15 - 13:30	Bin Liu	Fourier Multi/Dimensional Interpolation: An Emerging Technology for Imaging Large Undersample Data Sets
13:30 - 13:45	Cristina Moldoveanu-Constantinescu	Radon Transform, Theory and Geophysical Applications
13:45 - 14:00	Jiang Feng	Least Square Kirchoff AVA Migration/Inversion
14:00 - 14:15	Wladyslaw Rudzinski	Experiments and Numerical Models of Ice Accretion on a High Voltage Insulator in Freezing Rain
14:15 - 14:55	Bob Kochtubajda Invited – Meteorological Service Canada	Lightning Storms and Fires in Canada's North
14:55 - 15:10	Health Break	
15:10 - 15:25	Daniel Deacu	Effect of a Variable Transfer Coefficient in an Eddy-Permitting Model of the Sub-Polar North Atlantic
15:25 - 15:40	Duo Yang	A Regional Model of the Sub-polar North Atlantic Under Flux Forcing
15:40 - 15:55	Nilgun Cetin	Comparing Two Climatologies of the Labrador Sea: Geopotential vs. Isopycnal
15:55 - 16:10	Sarah Boon	Implications of a 6-year Glacier Meteorological Record for Mass Balance Model Assumptions
16:10 - 16:25	Maya Bhatia	Molecular Analysis of Bacterial Communities Beneath a High Arctic Glacier