

PROGRAM: SYMPOSIUM ON RESEARCH IN GEOPHYSICS

0845-0900		Welcoming and announcements
0900-0915	Ted Evans	Magnetoclimatology: progress and problems
0915-0930	Youcef Bouzidi	Acoustic Goniometry
0930-0945	Kristen Beaty	Phase Velocity Determination of Surface Waves
0945-1000	Bin Liu	Imaging Complex Geological Structures using Matching Pursuit Migration
1000-1015	Carrie Youzwishen	Traveltime computations in complex media
1015-1030	HEALTH BREAK	Well deserved!
1030-1100	W.Langenberg (invited)	Seismic modeling of the lower cretaceous flow units observed in outcrops and drill holes of the Steepbank River area
1100-1115	Moritz Heimpel	Fault geometry and the scaling of large earthquakes
1115-1130	Henning Kuehl	Spectral Methods in Seismic Imaging
1130-1145	Irene Meglis	Determination of Shale Elastic Wave Velocities
1145-1200	Marko Mah	A New Method for Determining the Complete Elastic Properties of Anisotropy Media
1200-1215	Ulrich Theune	Stress Determinations from Wellbores
1215-1230	Peter Damiano	Hybrid magneto-hydrodynamic-kinetic simulations of a field line resonance in the earth's magnetosphere
1230-1330	LUNCH BREAK	Pizza and fruit
1330-1400	W. Smith (invited)	What mixes the ocean?
1400-1415	Matt Reszka	Numerical investigation of buoyancy-driven currents using a frontal geostrophic model
1415-1430	Kathleen Dohan	Experiments on the interaction between grid-generated turbulence and internal waves in a stratified fluid.
1430-1445	Paul Choboter	Baroclinic instability of mesoscale ocean currents on a sloping bottom
1445-1500	HEALTH BREAK	Before the final stretch!
1500-1530	K. Anderson (invited)	The roles of weather on forest fire conditions and behaviour
1530-1545	Russ Sampson	Comparing Photogrammetric Measurements of the Sun at High Zenith Angles with Modeled Astronomical Refraction
1545-1600	Jeremy Gallop	Seismic reflectivity modelling and wavefield inversion for earth parameters: theory and algorithms
1600-1615	R. Munro W. Jones R. Sydora J. Craven D. Boerner R. Kurtz	Invariants of Magnetotelluric Tensors from the Alberta Lithoprobe Transect Data
1615-1630	James Wanliss	Beam me up, Scotty - regarding flows of plasma through space

Session chairs: Mauricio Sacchi (0900-1015), Bruce Sutherland (1330-1445)
Gerhard Reuter (1030-1230, 1500-1630)