

Co-Chairs: Joel Jansen, BCGS & Alan Jones, CMTS

Start	End	Authors	Title	Speaker	Organization
08:00	08:20	Registration			
08:20	08:30	Joel Jansen	Welcome and opening remarks from BCGS	Joel Jansen	BCGS
08:30	08:40	Gavin Dirom	Welcome and opening remarks from Geoscience BC	Gavin Dorim	Geoscience BC
08:40	09:10	Alan Jones Stephan Thiel Kate Robertson Mike Dentith Graham Heinson	Keynote: Mineral systems mapping using magnetotellurics: Examples from Canada and Australia	Alan Jones	Complete MT Solutions Inc.
09:10	09:40	Randy Enkin	Petrophysics for Mineral Exploration: Linking Geophysics and Alteration Geology	Randy Enkin	GSC-Pacific, NRCan
09:40	10:10	Richard Smith Reza Mir Stéphane Perrouty	Geophysical exploration for mineral systems: highlights from the NSERC-CMIC Footprints Project and CFREF Metal Earth Project	Richard Smith	Laurentian University
10:10	10:30	Coffee Break			
10:30	11:00	Henry Lyatsky	Exploration Uses of Regional Gravity and Magnetic Data: Examples from Province-Scale Work in Alberta	Henry Lyatsky	Geoscience Consultant
11:00	11:30	Fiona Darbyshire	Regional-Scale Natural-Source Seismology and the Cratonic Lithosphere	Fiona Darbyshire	Université du Québec à Montréal
11:30	12:00	Andrew Schaeffer Pascal Audet Sergei Lebedev	Probing the Diamond Potential of the North American Lithosphere using Seismic Tomography	Andrew Schaeffer	GSC-Pacific, NRCan
12:00	13:10	Lunch			
13:10	13:40	Ben Murphy Gary Egbert	How Long-Period EarthScope MT Data Might Inform Targeted Mineral Exploration in the Central United States	Ben Murphy	Oregon State University
13:40	14:10	Adam Schultz	Detailed studies of geothermal and volcanic systems by combining EarthScope long-period MT USArray data with higher- resolution wideband MT arrays embedded in the larger array	Adam Schultz	Oregon State University
14:10	14:40	Martyn Unsworth Enci Wang Cedar Hanneson Sean Bettac	Lithospheric resistivity structure of Western Canada from long- period magnetotelluric data	Martyn Unsworth	University of Alberta
14:40	15:00	Coffee Break			
15:00	15:30	David Eaton	Tectonic architecture in the Canadian Cordillera: Potential insights from CCArray seismological studies	David Eaton	University of Calgary
15:30	16:00	Katherine Boggs David Eaton Graham Begg	From LITHOPROBE through EarthScope to the new pan-Canadian EON-ROSE Research Initiatives; Geologic Implications for Mineral Exploration across North America	Katherine Boggs	Mount Royal University
16:00	16:30	Fred Cook	Geophysical, Geochemical and Geological Targeting Potential Mineral Deposits: From Lithospheric Scale to a 5-cm Drill Core	Fred Cook	Salt Spring Imaging, Ltd.
16:30	17:00	Alan Jones	Open Discussion	Alan Jones	CMTS
17:30	19:30	Reception St. Regis Hotel Bar & Grill, 602 Dunsmuir Street, Vancouver, BC, V6B 1Y6			