

EON-ROSE Symposium 2018
Canadian Museum of Nature, Barrick Salon
February 21, 2018

8:15-8:45 *Arrival and registration*

8:45-10:15 *First session: Setting the stage (Moderators P. Audet and K. Boggs)*

Welcome

Can. Museum of Nature rep

NSERC Officer

Daniel Lebel (GSC): Director-General, Geological Survey of Canada, Natural Resources Canada

Jeff Freymuller (U. Alaska): Earthscope

Dave Eaton (U. Calgary): EON-ROSE and CCArray overview

Panel Discussion

10:15-10:30 *Coffee break*

10:30-12:00 *Second session: Solid Earth & Resources (moderator: M. Fayek and T. James)*

Michael Bostock (UBC) & Mladen Nedimovic (Dalhousie U.): Ocean-bottom seismic facility & Amphibious deployments

Laurent Godin (Queen's U.): Continental basement structures and orogenesis

Harold Gibson (Laurentian U.): Metal Earth

David Corrigan (GSC): Metallogeny of eastern Canadian Shield

David Snyder (GSC): Deep lithosphere structure and mineral resources

Steve Grasby (GSC): Geothermal resources

Panel Discussion

12:00-13:00 *Lunch break*

13:00-14:30 *Third session: Fluid Earth, Critical Zone, and Environmental Monitoring (moderator: M. Sideris, S. Grasby)*

Paul Kushner (U. Toronto): Atmospheric dynamics & Climate

Pamela Lee Sullivan (U. Kansas): Critical Zone science

Jeff Freymuller (U. Alaska): Climate monitoring using geophysical networks

Calvin Klatt (Geodetic Surv.): Solid and fluid Earth at the Canadian Geodetic Survey

Thomas James (GSC): Glacial isostatic adjustment: sea-level, earthquakes, and hydrological change in Canada

Panel Discussion

14:30-14:45 *Coffee break*

14:45-16:15 *Fourth session: Natural Hazards; Information Synthesis (moderators: M. Ulmi and D. Eaton)*

Claire Perry (CHIS): Canadian seismic hazard

Edwin Nissen (U. Victoria): Active tectonics

Yajing Liu (McGill U.): Induced seismicity

Robyn Fiori (CHIS): Space weather hazard

Gilbert Brunet (ECCC, substitute): Weather prediction

Boyan Brodaric (GSC): Canada 3D

Panel Discussion

16:15-17:15 *Discussion (moderators: K. Boggs, D. Eaton and all)*

17:15-17:30 *Next steps/Toward CCArray (D. Eaton)*