

MERC

SHORT COURSE

AT THE 2018 NORTHEASTERN ONTARIO MINES
& MINERALS SYMPOSIUM
OCTOBER 16TH-18TH, 2018



MERC SHORT COURSE PROGRAM
OCTOBER 18TH, 2018



Assessing Gold and Base Metal Endowment in the Abitibi and Wabigoon Subprovinces

- 9:00-9:10 John Ayer: Introduction.
- 9:10-9:40 Saeid Cheraghi: Preliminary results of seismic imaging along Swayze and Chibougamau transects, better understanding of shallow and deep subsurface geological architecture.
- 9:40-10:10 Graham Hill: The use of electromagnetics to understand crustal architecture: Methods, Pitfalls and Solutions.
- 10:10-10:30 **Coffee break**
- 10:30-11:00 Esmail Eshaghi: Geophysical potential field data applied to better understand crustal scale controls on metal endowment in the Abitibi.
- 11:00-11:30 Xiaohui Zhou: Stratigraphic and Structural Architecture of the Southern Abitibi & Pontiac Subprovince along the Malartic Transect.
- 11:30-12:00 Stephane Perrouy: Integrated Multi-Parameter Footprint of the Canadian Malartic Gold Deposit.
- 12:00-1:00 **Lunch**
- 1:00-1:30 Taus Jorgensen: Overview and new findings from the Metal Earth Rouyn-Noranda transect.
- 1:30-2:00 Kate Rubingh: Structural and stratigraphic framework of the Larder Lake area, insights from new mapping, geochronology, and geophysics.
- 2:00-2:30 Ben Frieman: Understanding heterogeneously distributed structure associated with the Larder Lake-Cadillac deformation zone as a guide for exploration.
- 2:30-2:50 **Coffee Break**
- 2:50-3:20 Rasmus Haugaard: Lithological and Stratigraphic constraints through the Swayze Area, Abitibi Greenstone Belt.
- 3:20-3:50 Gyorgyi Tuba: What fluid inclusions do and do not tell us about gold mineralization—a whodunit of fluids in orogenic gold systems.
- 3:50-4:20 Zsuzsanna Tóth: The geology of the Hardrock orogenic gold deposit with highlights from the geological evolution of the Beardmore-Geraldton greenstone belt.
- 4:20-4:30 Ross Sherlock: Summary and Conclusions.

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