

## Nov. 5, 2015: Exploration Symposium

### New Research and Concepts Focused on Gold, Ni-Cu-PGE-Cr, & VMS

Registration (lunch & coffee provided): \$100 for professionals; \$15 for students  
Sign-up and payment by cheque to Laurentian University or by cash at the Willet Green Miller Centre Auditorium, Laurentian University, Sudbury (turn left, after entering at the WGMC front entrance)  
Pay parking available in visitor's lots A, B, C, D & E (\$8/day - coins only)

#### Program

9:00-9:10; Introduction: Dr Harold Gibson, MERC Director

#### **Abitibi and Flin Flon Greenstone Au ( $\pm$ Cu)**

9:10-9:40; Dr. Dan Kontak - Overview on Gold and the Abitibi Thematic Gold Project

9:40-10:10; Dr. Bruno Lafrance - Structural controls on gold mineralization in the Archean Superior craton

10:10-10:30; Laura Katz - Evaluating the intrusion-related model for the Archean low-grade, high-tonnage Côte Gold deposit Au(Cu) deposit

#### **Break 10:30-10:50;**

10:50-11:10; Jordan McDivitt - Structural and Hydrothermal Overprinting of a Long-Lived Ore System in the Missanabie-Renabie Gold District

11:10-11:30; Kelly Malcolm - Recently Discovered High-Grade Au Mineralization in the Detour Lake Area: Implications for Exploration and Significant Au Endowment in the Northern Abitibi Region

11:30-11:50; Kate Rubingh - Structural geology of the New Britannia mine and nearby gold zones in the Flin Flon greenstone belt, Manitoba, and implications for other gold deposits across the belt.

11:50-12:10; Frédéric Gaucher - Exploring for copper-gold deposits with geophysics in the Chapais-Chibougamau greenstone belt, Quebec

#### **Lunch 12:10-1:10;**

#### **Sudbury and Ring of Fire Magmatic Ni-Cu-PM-Cr**

1:10-1:40; Dr. Michael Leshner - Overview of Research on Cr and Ni-Cu-PGE Mineralization in the McFauld's Lake Greenstone Belt

1:40-2:10; Dr. Pedro Jugo - Recent advances in understanding the processes related to Pt-Pd-Au mineralization in Sudbury

2:10-2:40; Dr. Richard Smith - Geophysical Research in the Sudbury Basin

#### **Break 2:40-3:00;**

3:00-3:30; Sarah Hashmi & Dr. Matthew Leybourne - Applied Quaternary geology and the use of surficial media for mineral exploration: Case studies from central British Columbia and Sudbury

#### **Flin Flon and Abitibi VMS Cu-Zn-Au**

3:30-4:00; Dr. Harold Gibson - Abitibi VMS deposits and features of Au-rich VMS deposits

4:00-4:20; Meg Engelbert - Selective gold enrichment in VMS systems: Insights from the Paleoproterozoic Chisel Basin, Snow Lake, Manitoba

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