



**Geological Association of Canada  
Mineralogical Association of Canada  
Society for Geology Applied to Mineral Deposits**

**Joint Annual Meeting  
24-27 May 2023**



The geoscience community is invited to attend the Geological Association of Canada – Mineralogical Association of Canada – Society for Geology Applied to Mineral Deposits Joint Annual Meeting to be held in Sudbury, Ontario, Canada, 24-27 May 2023, with pre- and post-meeting workshops and field trips. This flyer lists all of the scheduled field trips, workshops, short courses, and special events. Detail descriptions are on the meeting [website](#).

## Field Trips

*The Mineral Deposits Division (MDD) of the Geological Association of Canada and the Mineral Exploration Research Centre (MERC) of Laurentian University are each providing \$5000 to support field trips FT01, FT02, FT03, FT07, FT09, and FT10. The first 8 eligible students to register for those field trips will be offered a 25% refund on their registration fee.*

**FT01 - Base, Critical, and Precious Metals Mineralization in the Metasomatic Iron and Alkali-Calcic Systems of the Southern Province in the Sudbury Area, Leaders:** Jean-Francois Montreuil (Jean-François Montreuil montreuil.jean.francois@gmail.com), Louise Corriveau (louise.corriveau@nrca-nrcan.gc.ca), Wyatt Bain (wmbain@lakeheadu.ca), **Sponsor:** MacDonald Mines, **Duration:** 2 days, post-meeting, 28-29 May. **Registration:** \$375 + HST, **Maximum:** 19 participants (*snacks and lunches included, accommodation in Sudbury not included*).

**FT02 - Discovering the Abitibi Gold Belt, Leaders:** Stéphane Perrouty (sperrouty@laurentian.ca), Ross Sherlock (rsherlock@laurentian.ca), Jack Simmons (jsimmons@laurentian.ca), **Sponsor:** MERC, **Duration:** 4 days, pre-meeting, 20-21-22-23 May. **Registration:** \$1220 + HST, **Maximum:** 29 participants (*meals not included, accommodation included, double occupancy*).

**FT03 - Geological Traverse of the Sudbury Impact Structure and Evolution of the Impact Melt, Leaders:** Dustin Peters (dpeters@laurentian.ca), Sandra Baurier-Aymat (sbaurier\_aymat@laurentian.ca), Shirley Peloquin (Shirley.Peloquin@ontario.ca), Caroline Gordon (caroline.gordon@ontario.ca), **Sponsor:** MERC, **Duration:** 1 day, pre-meeting, 24 May. **Registration:** \$170 + HST, **Maximum:** 30 participants (*snacks and lunch included, accommodation in Sudbury not included*).

**FT04 - Geology of Manitoulin Island, Leaders:** Frank Brunton (frank.brunton@ontario.ca), Catherine Béland Otis (catherine.beland.otis@ontario.ca), Katherine Hahn (katherine.hahn@ontario.ca), Patrick Julig (pjulig@laurentian.ca), **Sponsor:** OGS, **Duration:** 2 days, pre-meeting, 23-24 May. **Registration:** \$610 + HST, **Maximum:** 12 participants (*snacks and lunches included, accommodation included, double occupancy*).

**FT05 - Ice on the Rocks: Quaternary Geology of the Sudbury Region, Leaders:** Andrea Marich (andrea.marich@ontario.ca), Riley Mulligan (riley.mulligan@ontario.ca), Abigail Burt (abigail.burt@ontario.ca), Grant Hagedorn (grant.hagedorn@ontario.ca), **Sponsor:** OGS, **Duration:** 1 day, post-meeting, 28 May. **Registration:** \$160 + HST, **Maximum:** 21 participants (*snacks and lunches included, accommodation in Sudbury not included*).

**FT06 - Multiscale and Polyphase Deformation Structures in the Grenville Front Tectonic Zone near Sudbury, Leaders:** Dazhi Jiang (djiang3@uwo.ca), Changcheng Li (changcheng.li@uwaterloo.ca), **Sponsor:** Western U, **Duration:** 1 day, post-meeting, 28 May. **Registration:** \$290 + HST, **Maximum:** 20 participants (*snacks and lunches included, accommodation in Sudbury not included*).

**FT07 - Exploring Differential Metal Endowment: A comparison of the Eastern (Rouyn-Noranda) and Western (Swayze) Abitibi Greenstone Belt, Leaders:** Harold Gibson (hgibson@laurentian.ca), Thomas Gemmel (thomas.gemmel@ontario.ca), Taus Jørgensen (tjoergensen@laurentian.ca), Evan Hastie (evan.hastie@ontario.ca), Marina Schofield (mschofield@laurentian.ca), Ras Haugaard (rmielsen@laurentian.ca). **Sponsor:** MERC, **Duration:** 4 days, post-meeting, 28-29-30-31 May. **Registration:** \$1470 + HST, **Maximum:** 20 participants (*all meals included, accommodation included, single occupancy for 2 nights, double occupancy for 2 nights*).

**FT08 - Paleoproterozoic Glacial, Microbially Induced, Tidal, and Seismic Deposits of the Huronian Supergroup, Elliot Lake Region, Canada, Leaders:** Patricia Corcoran (pcorcor@uwo.ca), Carolyn M. Hill-Svehla (chill59@uwo.ca), **Sponsor:** Western U, **Duration:** 2 days, pre-meeting, 23-24 May. **Registration:** \$520 + HST, **Maximum:** 12 participants (*snacks and lunches included, accommodation included, double occupancy*).

**FT09 - Sudbury Offset Dikes and Associated Ni-Cu-PGE Mineralization, Leaders:** Henning Seibel (hseibel@laurentian.ca), Michael Leshner (mlesher@laurentian.ca), **Sponsor:** MERC, **Duration:** 3 days, post-meeting, 28-29-30 May. **Registration:** \$375 + HST, **Maximum:** 26 participants (*snacks and lunches included, accommodation in Sudbury not included*).

**FT10 - Orogenic and Intrusion-Related Gold Deposits of the Michipicoten and Mishibishu Greenstone Belts in the Wawa Region, with an Emphasis on the Structural Framework, Leaders:** Chong Ma (cma@laurentian.ca), Lianna Vice (lianna.vice@ontario.ca), Carl Nagy (carl.nagy@alamosgold.com), Zachary Adam (zvadam@uwaterloo.ca), Danielle

Shirriff (danielle.shirriff@alamosgold.com), Bruno Lafrance (blafrance@laurentian.ca), Lise Robichaud (lise.robichaud@ontario.ca), **Sponsor:** MERC, **Duration:** 3 days, pre-meeting, 22-23-24 May. **Registration:** \$760 + HST, **Maximum:** 24 participants (*snacks and lunches included, accommodation included, double occupancy*).

## Workshops

**W01 - Curriculum Connections, Educator Professional Learning (K-12), Leaders:** Lesley Hymers (lhymers@miningmatters.ca), Deana Schwarz (dschwarz3@uwo.ca), Veronica Klassen (veronicaklassen5@gmail.com), **Sponsors:** Mining Matters/APGO Education Foundation/EdGEO/Canadian Geoscience Education Network, **Duration:** 1 day, post-meeting, 28 May. **Maximum** 25. **Teachers** \$25 + HST including lunch, coffee/tea/snack breaks, educational resources for the classroom, including mineral and rock samples, equipment, lesson plans, and publications, and a Field Trip Guide.

**W02 - Environmental Remediation: Sudbury's Award-Winning Reclamation and Remediation Story, Leaders:** Nadia Mykytczuk (nmykytczuk@laurentian.ca), Graeme Spiers (gpspiers@laurentian.ca), **Sponsor:** Goodman School of Mines, **Duration:** 2 days (workshop and field trip), pre-meeting, 23-24 May. **Students and Professionals:** \$250 + HST, **Maximum:** 25 participants, including lunches, coffee/tea/snack breaks, bus transport to field exposures, and course notes.

**W03 - Iolite 4: Advances in LA-ICPMS Data Processing and Visualization, Leader:** Joe Petrus (japetrus@gmail.com), **Sponsor:** MERC, **Duration:** 1 day, post-meeting, 28 May. **Students** \$37 + HST, **Professionals** \$74 + HST, **Maximum:** 40 participants, including lunch, coffee/tea/snack breaks, and digital course notes.

**W04 - Ore Microscopy, Leaders:** Simon Kocher (skocher@mines.edu), Tobias Fusswinkel (tobias.fusswinkel@emr.rwth-aachen.de), **Sponsor:** SGA, **Duration:** 2 days, pre-meeting, 23-24 May. **Students** \$100 + HST, **Professionals** \$350 + HST, **Maximum:** 25 participants, including lunches, coffee/tea/snack breaks, and digital course notes.

**W05 - Orogenic Gold Deposits, Leaders:** Jochen Kolb (jochen.kolb@kit.edu), Georges Beaudoin (beaudoin@ggl.ulaval.ca), Iain Pitcairn (iain.pitcairn@geo.su.se), Nicolas Thébaud (nicolas.thebaud@uwa.edu.au), **Sponsor:** SGA, **Duration:** 1 day, pre-meeting, 23-24 May. **Students** \$75 + HST, **Professionals** \$345 + HST, **Maximum:** 40 participants, including lunch, coffee/tea/snack breaks, and printed course notes.

**W06 - Reflectance Spectroscopy for Mineral Exploration, Leaders:** Philip Lypaczewski (philip.lypaczewski@cna.nl.ca), Derek Wilton (dwilton@esd.mun.ca), Gary Thompson (gary.thompson@cna.nl.ca), **Sponsor:** CNA, **Duration:** 1 day, post-meeting, 28 May. **Students** \$70 + HST, **Professionals** \$100 + HST, **Maximum:** 40 participants, including lunch, coffee/tea/snack breaks, and digital course notes.

## Short Course

**SC01 - Mineral Prospectivity Mapping, Leader:** Jeff Harris (603jharris@gmail.com), **Sponsor:** MERC, **Duration:** 1 day, post-meeting, 28 May. **Students** \$25 + HST, **Professionals** \$100 + HST, **Maximum** 40 participants, including lunch, coffee/tea/snack breaks, and printed course notes.

## Special Events

**SP01 - Listening, Learning, and Respecting Builds Better Relationships with Indigenous Nations, Chair:** David Pearson (dpearson@laurentian.ca), **Open to GAC-MAC-SGA 2023 delegates and the general public. Time/Location:** 1700-1900 Fri 26 May, Indigenous Learning Centre. **Maximum:** 96 participants (registration required).

**SP02 - Women in the Geosciences, Chair:** Ken Witherly (ken@condorconsult.com). **Open to GAC-MAC-SGA 2023 delegates and the general public. Time/Location:** 1330-1630 Fri 26 May, WGMC. **Maximum:** 40 participants (registration required).

**SP03 – Arctic - A Nexus of Resource Development, Climate Change, and Indigenous Wellbeing - Multiple Perspectives, Chairs:** Anna Bidgood (anna.bidgood@icrag-centre.org), Brendan Dyck (brendan.dyck@ubc.ca), Philip Rieger (philip.rieger@icrag-centre.org), John Thompson (jfhthompson@gmail.com). **Time/Location:** 1510-1630 Thur 26 May, TBD.

## Upcoming Deadlines

<b>01 April 2023</b>	Deadline for <b>early registration</b>
	Deadline for <b>field trip, workshop, and short course registrations</b>
<b>14 April 2023</b>	Go/NoGo decisions for <b>field trips, workshops, and short courses</b>
<b>24 April 2023</b>	Deadline for <b>hotel “block” bookings</b>
<b>23 May 2023</b>	Deadline for <b>on-line registration</b>
<b>24-27 May 2023</b>	<b>On-site registration</b>

Please contact us at [Sudbury2023@laurentian.ca](mailto:Sudbury2023@laurentian.ca) if you have any questions. We are looking forward to seeing you in Sudbury.

*Sudbury 2023 GAC-MAC-SGA Local Organizing Committee*