

# MGS Spotlight Agenda



| Time                                                           | Speaker                                        | Title                                                                                                                                               | Session Themes                           |
|----------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| <b>8:30 – 9:00 a.m. Registration</b>                           |                                                |                                                                                                                                                     |                                          |
| 9:00 – 9:05 a.m.                                               | Tafa Kennedy                                   | Introductory remarks                                                                                                                                |                                          |
| 9:05 – 9:25 a.m.                                               | Marc Rinne                                     | Manitoba's Mineral Deposits Database: recent updates and user guide                                                                                 | Critical Minerals                        |
| 9:25 – 9:45 a.m.                                               | Camille Partin<br>(University of Saskatchewan) | Connecting critical mineral potential of the Wollaston Domain in Saskatchewan and Manitoba                                                          | Precambrian – Critical Minerals          |
| 9:45 – 10:05 a.m.                                              | Victoria Markstrom                             | Silica sand of the Winnipeg Formation                                                                                                               | Sedimentary – Critical Minerals          |
| 10:05 – 10:25 a.m.                                             | Pamela Fulton-Regula                           | Critical minerals in crude oil in the Williston Basin, southwestern Manitoba                                                                        | Pore Space Resources - Critical Minerals |
| <b>10:25 – 11:00 a.m. Health Break, Posters and Networking</b> |                                                |                                                                                                                                                     |                                          |
| 11:00 – 11:20 a.m.                                             | Tania Martins                                  | Cat Lake-Winnipeg River pegmatite field, Manitoba: updates                                                                                          | Precambrian - Lithium                    |
| 11:20 – 11:40 a.m.                                             | Patricia Fraino                                | Lithium in the layers: reservoir variability and resource potential in the Upper Devonian Duperow Formation                                         | Pore Space Resources - Lithium           |
| 11:40 – 12:00 p.m.                                             | Efeoghene Enaworu                              | Compilation and analyses of saline water data from oil and gas wells: case study of the Duperow Formation, southwestern Manitoba                    | Pore Space Resources - Lithium           |
| <b>12:00 – 1:30 p.m. Lunch Break</b>                           |                                                |                                                                                                                                                     |                                          |
| 1:30 – 1:50 p.m.                                               | Michelle Gauthier                              | Surficial geology mapping – the what, the why, and how to know if you've got a sufficiently-accurate map                                            | Quaternary - Mapping                     |
| 1:50 – 2:10 p.m.                                               | Tyler Hodder                                   | Quaternary stratigraphy of northeastern Manitoba: insights for the application of drift prospecting                                                 | Quaternary - Prospecting                 |
| 2:10 – 2:30 p.m.                                               | Eric Yang                                      | Insights into geodynamic setting and gold mineralization from adakitic granitoid intrusions in the Lynn Lake greenstone belt, northwestern Manitoba | Precambrian - Au                         |
| 2:30 – 2:50 p.m.                                               | James Macdonald                                | Drillcore east of Stephens Lake, northeastern Manitoba: preliminary observations and whole-rock geochemistry results                                | Precambrian - tectonics                  |

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| <b>2:50 – 3:10 p.m.</b> |                                               | <b>Health Break, Posters and Networking</b>                                                                                                                                                        |                                          |
| 3:10 – 3:30 p.m.        | Anton Chakhmouradian (University of Manitoba) | Laying the groundwork for future rare-earth exploration: recent discoveries in Manitoba's North                                                                                                    | Precambrian - REE                        |
| 3:30 – 3:50 p.m.        | Kyle Reid                                     | Evolution of volcanic, sedimentary and intrusive rocks southeast of Wekusko Lake, north-central Manitoba: Clues from lithogeochemistry and detrital zircons                                        | Precambrian - Au                         |
| 3:50 – 4:10 p.m.        | Chris Couëslan                                | Discovery of arc-affinity basalt in the northern extension of the Winnipegosis komatiite belt: implications for tectonic setting and VMS exploration in the sub-Phanerozoic Superior boundary zone | Precambrian - VMS                        |
| 4:10 – 4:30 p.m.        | Michelle Nicolas                              | Helium and hydrogen generation potential of the Precambrian in the Williston Basin, SW Manitoba                                                                                                    | Pore Space Resources - Helium & Hydrogen |
| 4:30 – 4:35 p.m.        | Tafa Kennedy                                  | Closing remarks                                                                                                                                                                                    |                                          |
| <b>4:35 – 5:00 p.m.</b> |                                               | <b>Posters and Networking</b>                                                                                                                                                                      |                                          |

**\*Please note, this schedule is subject to change.**