

2024
SASKATCHEWAN
GEOLOGICAL OPEN HOUSE
SCHEDULE OF EVENTS AND TALKS

On-site registration
3:00 pm, Monday, December 2 to 1:30 pm, Wednesday, December 4
Convention Level

COMMERCIAL EXHIBITS (Convention and Mezzanine levels)

Monday 6:00 pm to 10:00 pm
Tuesday 9:00 am to 5:30 pm
Wednesday 9:00 am to 1:30 pm

POSTER DISPLAYS (Mezzanine Level)

Same times as Commercial Exhibits

Authors will be present:

Monday 6:00 pm to 8:00 pm
Tuesday 4:00 pm to 6:45 pm

OPEN MEETINGS

Lands and Mineral Tenure (LMT) Outlook Meeting in Kelsey–Saskatchewan Room

Monday 2:00 pm to 5:00 pm

MARS–Geoscience Data Management Project Workshop in Meewasin Room

Tuesday 9:00 am to 5:00 pm

Canadian Geoscience Education Network Meeting in TBD

5:00 pm to 6:00 pm

Monday, December 2 – 6:00 pm to 10:00 pm

Icebreaker

Poster and Commercial Exhibit areas open
Convention and Mezzanine levels

Tuesday, December 3 – Battleford Room

Technical Session I

Growing Saskatchewan's Uranium and Potash Industries

Time	Speaker(s)	Title
8:40 – 8:55 am	Welcoming Remarks	
8:55 – 9:00 am	Co-chairs: Brittany Laing and Kevin Ansdell	Introduction
9:00 – 9:20 am	Kirk Brecht	Updates on Saskatchewan's Critical Minerals Strategy
9:20 – 9:40 am	Shaun Loverin*, Remy Chemillac, Balazs Nemeth and Mark Sheetka	BHP Potash: exploration history and Jansen
9:40 – 10:00 am	Balazs Nemeth*, Mark Sheetka, Shaun Loverin and Remy Chemillac	Salt collapse features of the Williston Basin
10:00 – 10:30 am	Refreshment Break Sponsored by the Axiom Group and DMT Geosciences Ltd.	

10:30 – 10:50 am	Guoxiang Chi*, Yumeng Wang and Sean Bosman	Why Is the Athabasca Basin exceptionally endowed with large and rich uranium deposits – a perspective from fluid chemistry and fluid flow dynamics and implications for uranium exploration
10:50 – 11:10 am	Julien Mercadier* and twelve others	Geological model and exploration concepts of unconformity-related uranium deposits in Canada: the approach of the GeomIn3D program
11:10 – 11:30 am	Ken Ashton	Geology and mineral deposits of the Beaverlodge Uranium district
11:30 – 11:50 am	Jason Craven	The road to discovery at Patterson Corridor East

11:50 am – 1:25 pm	Lunch Break Poster and Commercial Exhibit areas open Convention and Mezzanine levels	
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Technical Session II
Emerging Geoscience and Exploration Projects

Time	Speaker(s)	Title
1:25 – 1:30 pm	Co-chairs: Meagan Gilbert and Justin Rodko	Introduction
1:30 – 2:10 pm	Dillon Johnstone*, Claire Stephenson, Sean Bosman and Tyrin Foley	An update on the Wollaston bedrock mapping project: reconsidering aspects of the Wollaston Domain's geological framework
2:10 – 2:30 pm	Brian McEwan* and Dawn Zhou	Abasca Resources – the Loki Flake Graphite Zone – a new critical mineral opportunity in Saskatchewan's Athabasca Basin district
2:30 – 2:50 pm	Tyrin Foley*, Sean Lobb and Ying Zhou Li	Preliminary bedrock geology results of the Reindeer Lake Mapping project, northwestern Reindeer Zone

2:50 – 3:20 pm	Refreshment Break Sponsored by Heli Source Ltd. and IRL Supplies (2011) Ltd.	
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3:20 – 3:40 pm	Jessi Steinke	Surficial geological mapping, drift prospecting and ice-flow mapping on central Reindeer Lake, northeastern Saskatchewan
3:40 – 4:00 pm	Nathan Bridge*, Greg Gudmundson, James Goulet and Cory Belyk	Pike Zone – advancing the eastern Athabasca Basin's newest high-grade uranium discovery

4:00 – 4:20 pm	Terry Croteau* and six others	Tesla and Bridge Zone: from discovery towards a future maiden resource
4:00 – 6:45 pm	Poster Display (Authors Present) <i>William Pascoe Room, Mezzanine Level</i>	

Wednesday, December 4 – Battleford Room

Technical Session III
Innovative Approaches to Exploration

Time	Speaker(s)	Title
8:25 – 8:30 am	Co-chairs: Natalie Thompson and Ken Witherly	Introduction
8:30 – 8:50 am	Amanda Almeida Rocha*, Thomas Campagne and Sean Bosman	Unconstrained and constrained geophysical inversions of publicly available geophysics across the entire Athabasca Basin region
8:50 – 9:10 am	Erin Moss Tressel* and Chris Wimmer	APEGS: Regulatory changes you should know about
9:10 – 9:30 am	Ken Witherly*, Francis Moul and Julie Milne	Do we know what we are looking for?
9:30 – 9:50 am	Arin Kitchen* and Meagan Gilbert	Preliminary results of the evaluation of Mississippi Valley–Type deposit potential in west-central Saskatchewan
9:50 – 10:10 am	Peter Hill*, Gavin Jensen and Chao Yang	Critical mineral potential within the Middle Devonian in southern Saskatchewan

10:10 – 10:40 am	Refreshment Break Sponsored by ITL Diamond Drilling Ltd. and Points North Group of Companies	
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10:40 – 11:00 am	Kyle Patterson* and eight others	F3 Uranium's PLN Project and JR Uranium Zone: an integrated geoscientific approach to uranium targeting in the Athabasca Basin
11:00 – 11:20 am	Colin Card*, Igor Atamanachuk*, Alex Burnett and Ennbella Meng	Geological data management within shared enterprise environment
11:20 – 11:40 am	Hossein Jodeiri Akbari Fam* and eight others	Revisiting seismic interpretations of the western Flin Flon greenstone belt, Saskatchewan: improved imaging and structural characterization using the 3D multifocusing technique
11:40 am – Noon	Darren Burrows* and Anthony Reed	Uranium exploration with real-time ambient noise tomography

Noon – 1:25 pm	Lunch Break Poster and Commercial Exhibit areas open Convention and Mezzanine levels	
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Technical Session IV
Polymetallic Minerals Systems

Time	Speaker(s)	Title
1:25 – 1:30 pm	Co-chairs: Sean Lobb and Svieda Ma	Introduction
1:30 – 1:50 pm	Jonathan Toma, Rob Creaser* and three others	Re-Os geochronology of graphite and pyrite from sub-Athabasca Basin shear zones
1:50 – 2:10 pm	Dan Ferguson* and seven others	Relationship between U and Ni-Co-As mineralization in the Midwest polymetallic U deposit, Athabasca Basin
2:10 – 2:30 pm	Charles Normand	Threshold concentrations that define Bi, Cd, Ga and Hf occurrences
2:30 – 2:50 pm	Zach Lang*, Mike McCubbing, Lucy Hunt and Aube Keeley	Lithium pegmatite preconcentration using sensor-based sorting and dense media separation

2:50 – 3:20 pm	Refreshment Break Sponsored by the Saskatchewan Mining Association and the Saskatchewan Research Council	
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3:20 – 3:40 pm	Ying Zhou Li	An introduction to Five-Element Vein System: potential implications to polymetallic U-Ni-Co deposits in Athabasca Basin
3:40 – 4:00 pm	Ian Fraser* and Vanessa Beach	Advancing two significant magmatic nickel sulphide systems in northern Saskatchewan
4:00 – 4:20 pm	Dan Brisbin*, Faizan Shah and Keane Baseden	Defining prospective drill target areas on IsoEnergy's Larocque East project using ambient noise tomography surveys