

# Together, lets' take the mineral exploration to the next level.

Share X Invest X Explore

October 28 to 31 | Le Westin Montréal

## Program

Monday, October 28

### Workshop

|                         |  |   |
|-------------------------|--|---|
| 09:00 AM<br>to 12:00 PM | St-Antoine A - 9 <sup>th</sup> floor<br><b>National Instrument 43-101, disclosure<br/>essentials for exploration companies</b><br>Martin Perron – <i>InnovExplo - a member of Norda Stelo</i>  | St-Antoine B - 9 <sup>th</sup> floor<br><b>Natural hydrogen: knowledge update<br/>and exploration concepts</b><br>Stephan Séjourné – <i>Enki GéoSolutions</i>   |
| 1:00 PM to<br>4:00 PM   | St-Antoine A - 9 <sup>th</sup> floor<br><b>Insights from the application of a mineral<br/>system approach for magmatic Nickel –<br/>Copper Exploration</b><br>Michel Houlé – <i>Geological Survey of Canada</i><br>Danielle Giovenazzo – <i>Salda geosciences Inc.</i> | St-Antoine B - 9 <sup>th</sup> floor<br><b>Geophysics 101: Fundamental Concepts and<br/>Best Practices for Maximizing the Use of<br/>Geophysical Surveys</b><br>Nadine Veillette – <i>Abitibi Géophysique</i> |

**Workshop**

09:00 AM to 12:00 PM St-Antoine A - 9<sup>th</sup> floor

**National Instrument 43-101, disclosure essentials for exploration companies**

Martin Perron – *InnovExplo - a member of Norda Stelo*

Ville-Marie AB - 9<sup>th</sup> floor

**Part 1 - New insights into crustal-scale influences on gold and base metal endowment in the Archean Superior Province**

Ross Sherlock  
 François Robert – *Geo-Consult*  
 Taus Jørgensen – *Laurentian University*  
 Bruno Lafrance – *Université Laurentienne*  
 Georges Beaudoin – *Université Laval*  
 Györgyi Tuba – *Laurentian University*  
 John Ayer

St-Antoine B - 9<sup>th</sup> floor

**Geophysics 101: Fundamental Concepts and Best Practices for Maximizing the Use of Geophysical Surveys**

Nadine Veillette – *Abitibi Géophysique*

1:00 PM to 4:00 PM St-Antoine A - 9<sup>th</sup> floor

**The art of investing in Junior Mining Companies**

Jacques Bonneau – *Consultant*

Ville-Marie AB - 9<sup>th</sup> floor

**Part 2 - New insights into crustal-scale influences on gold and base metal endowment in the Archean Superior Province**

Ross Sherlock  
 François Robert – *Geo-Consult*  
 Taus Jørgensen – *Laurentian University*  
 Bruno Lafrance – *Université Laurentienne*  
 Georges Beaudoin – *Université Laval*  
 Györgyi Tuba – *Laurentian University*  
 John Ayer

**Social Activities**

4:15 PM to 5:15 PM St-Antoine B - 9<sup>th</sup> floor

**AEMQ Annual General Meeting**

5:00 PM to 7:00 PM Pub Xplo, 3<sup>rd</sup> floor

**Opening cocktail**

**Social Activities**

07:30 AM to 9:00 AM Montréal AB - 11<sup>th</sup> floor

**WIM breakfast discussion: Understanding and Overcoming Conscious vs. Unconscious Biases**  
Manon Rouillier – *Rouillier, agence de communication*

**Exhibition**

9:00 AM to 5:00 PM 9<sup>th</sup> floor

**Coreshack Opening**

8<sup>th</sup> floor

**Exhibition Floor Opening**

**Conferences**

9:30 AM to 11:35 AM Geoscience Room (St-Antoine AB) - 9<sup>th</sup> floor

**Session:**  
**Structure and mineralization: Impacts of Réal Daigneault's work**

9:30 AM to 9:35 AM: **Presentation**

9:35 AM to 9:55 AM: **Rapid, Expert, Active, Loyal = Real Daigneault**  
Michel Jébrak – *UQAM*

9:55 AM to 10:15 AM:  
Réal Daigneault – *UQAC*

10:15 AM to 10:35 AM: **Réal Daigneault's contributions to the geology of the Chibougamau area and the southern part of the Abitibi Subprovince**  
Pierre Pilote – *retired from the MRNQ*

10:35 AM to 10:55 AM: **Réal Daigneault's scientific contribution to knowledge advancement and applications to mineral exploration**  
Patrick Mercier-Langevin – *Agnico Eagle Mines Limited*  
Olivier Côté Mantha  
Guy Gosselin (impact on exploration methods)

10:55 AM to 11:15 AM: **Contribution of structural geology to the modeling and understanding of the geometry of gold deposit**  
Marjorie Simard – *Agnico Eagle Mines*

11:15 AM to 11:35 AM: **Regional outlook and prospects**  
Pierre Bedeaux – *Barrick Gold*

Investment Finance Room (Ville-Marie AB) - 9<sup>th</sup> floor

**Session:**  
**Stake market**

9:30 AM to 9:35 AM: **Presentation**

9:35 AM to 9:55 AM: **Ups & Downs Abound - Financing Mineral Exploration**  
Jeff Killeen – *Prospectors & Developers Association of Canada (PDAC)*

9:55 AM to 10:20 AM: **Evolution of Gold and Critical and Strategic Minerals Exploration Activities in Quebec**  
Patrice Roy – *Ministère des Ressources naturelles et des Forêts*

10:20 AM to 10:50 AM: **The winning conditions to move from exploration to commissioning**  
Philippe Pourreaux – *PwC Canada*  
Rosemarie Bégin

10:50 AM to 11:50 AM: **Into the mist – Exploration financing at a crossroads**  
Moderated by:  
Frank Mariage – *Fasken Martineau DuMoulin LLP*  
Speakers:  
Simon Marcotte – *Northern Superior Resources Inc.*  
Michael Gentile – *Bastion Asset Management*  
André Laferrière – *SIDEX*

### Conferences

2:00 PM to 4:35 PM Geoscience Room (St-Antoine AB) - 9<sup>th</sup> floor

**Session:**  
**Structure and gold mineralization**

2:00 PM to 2:05 PM: **Presentation**

2:05 PM to 2:25 PM: **Structure and gold: anisotropy, lineations and other controls**  
François Robert – *Geo-Consult*

2:25 PM to 2:50 PM: **Porphyry Cu-Au mineralization of the Doré Lake area, Chibougamau, historical perspectives and regional considerations**  
Pierre Pilote – *retired from the MRNQ*

2:50 PM to 3:10 PM: **Malartic: a century of discoveries**  
François Bouchard – *Agnico Eagle Mines Limited*

3:10 PM to 3:30 PM: **Ressources Cartier, Chimo project**  
Philippe Cloutier – *Ressources Cartier*

3:30 PM to 3:50 PM: **Eldorado Gold Québec, Ormaque project**  
Luc Théberge – *Eldorado Gold Québec*

3:50 PM to 4:10 PM: **Identification of Archean and Rhyacian structures and their prospectivity**  
Marc Bardoux – *Barrick*

Investment Finance Room (Ville-Marie AB) - 9<sup>th</sup> floor

**Session:**  
**Geometallurgical methods: mine characterization and optimization (Corem)<sup>1</sup>**

2:00 PM to 2:05 PM: **Presentation**  
Sylvie Lévesque – *Corem*

2:05 PM to 2:30 PM: **Operational Geometallurgy at Goldex**  
Raphaël Mermillod-Blondin – *Agnico Eagle*

2:30 PM to 2:55 PM: **The use of hyperspectral imaging for geometallurgical applications**  
Philip Lypaczewski – *LithologyIQ*

2:55 PM to 2:20 PM:  
Alger Saint-Jean – *Dumont Nickel*

3:20 PM to 3:45 PM: **Automated petrography: Advances and applications**  
Réjean Girard – *IOS Services Géoscientifiques Inc*

3:45 PM to 4:10 PM: **New tools to increase mill efficiency during gold ore processing - X-ray diffraction (XRD) and chemometrics**  
Ivan Rodriguez – *Malvern Panalytical*

4:10 PM to 4:35 PM: **Quantifying Grain Morphology using Image Analysis**  
Arnaud Back – *UQAC*

### Social Activities

6:00 PM to 7:00 PM 11<sup>th</sup> floor

**Pre-Gala Cocktail**

7:00 PM to 10:30 PM 11<sup>th</sup> floor

**Awards Gala**

10:30 PM to 11:59 PM 3<sup>rd</sup> floor

**After Gala**

1. Anticipating and managing ore variability in mining operations and processing plants is a challenge. The application of integrated geometallurgical practices as early as possible in the development of a deposit, and even during operations, helps reduce technical and operational risks by increasing the level of ore knowledge. This enables mines and mineral processing plants to shift from a reactive approach to a predictive one. The level of communication required between members of the mining value chain leads the development of new tools and methodologies that enhance ore characterization and knowledge of the ore body, particularly for the establishment of geometallurgical domains. This session of presentations offers an opportunity for everyone involved in the mining value chain to learn about advancements and best practices in geometallurgy.

**Exhibition**

9:00 AM to 5:00 PM  
 9<sup>th</sup> floor

**Coreshack Opening**

8<sup>th</sup> floor

**Exhibition Floor Opening**

**Conferences**

9:30 AM to 11:50 AM  
 Geoscience Room (St-Antoine AB) - 9<sup>th</sup> floor

**Session:**  
**Critical and Strategic Minerals**

9:30 AM to 9:35 AM: **Presentation**

9:35 AM to 9:55 AM: **Critical minerals neglected by exploration: high-purity iron, manganese and foundry metals**

Serge Perreault – *URSTM-UQAT*

9:55 AM to 10:15 AM: **Unfolding of a milestone discovery: The Inukshuk Deposit, Nunavik Nickel Project, Cape Smith Belt, Quebec, Canada, Canadian Royalties**

Mathieu Richer – *Canadian Royalties Inc.*

10:15 AM to 10:35 AM: **Winsome Adina, Li**  
 Antoine Fournier

10:35 AM to 10:55 AM: **Brunswick Exploration (Li), Mirage Project**  
 Killeen Charles

10:55 AM to 11:15 AM: **Exploration and drilling results for lithium at the Galinée project, in partnership with Rio Tinto, in Eeyou Istchee James Bay**

Jean-François Larivière – *Exploration Midland*

11:15 AM to 11:35 AM: **Specificities and challenges in estimating mineral resources of LCT pegmatite deposits**

Alain Carrier – *InnovExplo - a member of Norda Stelo*

11:35 AM to 11:50 AM: **Authorization for impact-causing exploration work, the first 6 months**

Charles Gaumond – *Ministère des Ressources naturelles et des Forêts*

Investment Finance Room (Ville-Marie AB) - 9<sup>th</sup> floor

**Session:**  
**Evolving Relations with the Environment**

9:30 AM to 11:35 PM: **Panel**

Moderated by: Jacynthe Lafond

Speakers :

Andréanne Boisvert – *Association de l'exploration minière du Québec*

Sylvain Lehoux – *Eldorado Gold Québec*

Joanie Caron – *Newmont Éléonore*

### Social Activities

11:45 AM to 1:00 PM Montréal AB - 9<sup>th</sup> floor

**Conference Luncheon: State of knowledge on Woodland Caribou and Impacts on Mining Exploration Activities**

Joëlle Taillon and Solène Tremblay-Gendron – *Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs*

### Conferences

2:00 PM to 3:25 PM Geoscience Room (St-Antoine AB) - 9<sup>th</sup> floor

**Session :  
Projects update**

2:00 PM to 2:05 PM: **Presentation**

2:05 PM to 2:25 PM: **Mont Copper, Osisko Metals**  
Bob Wares

2:25 PM to 2:45 PM: **Opémiska, towards a new mine**  
Denis McNichols – *Qc Copper & Gold*

2:45 PM to 3:05 PM: **Soquem, Cardinal Project**  
Catherine Jalbert – *SOQUEM*

3:05 PM to 3:25 PM: **Lac Brulé Ni-Cu Discovery**  
Marc-Antoine Audet – *Ressources Sama Inc*



**Xplor 2025 is already underway**

**Do you have a workshop to present?  
A conference to share?**

**Send your suggestions to QMEA**

