

AGENDA

May 31 – June 1, 2023

Student Life Centre, Cambrian College, Sudbury, Ontario

Conference Day 1 – Wednesday, May 31

REGISTRATION AND AM PLENARY SESSIONS: STUDENT LIFE CENTRE

- 7:45 a.m. **Registration and Networking**
Coffee and Continental Breakfast
- 8:30am **Canada's EV Opportunity – Introductory Video** courtesy of NGen
- 8:35 a.m. **Welcome and Introductions from Conference Co-Chairs**
Meredith Armstrong, Director of Economic Development, City of Greater Sudbury
Shawn Poland, Vice President External Partnerships, Strategic Enrolment, and Executive Director, Cambrian College
- 8:40 a.m. **Land Acknowledgement and Welcome Remarks**
Kristine Morrissey, President, Cambrian College of Applied Arts and Technology
- 9:00 a.m. **Mayor's Remarks**
Paul Lefebvre, Mayor, City of Greater Sudbury
- 9:10 a.m. **Minister's Video Welcome**
The Honourable Greg Rickford, Minister of Northern Development and Indigenous Affairs
- 9:20 a.m. **Developing a Tier 1 Lithium Resource in a Tier 1 Mining Jurisdiction – The Road to a Closed Loop Battery and BEV Ecosystem**
Trevor Walker, President and CEO, Frontier Lithium
- 9:40 a.m. **Opening Keynote: From Atoms in the Ground to Atoms in a Gigafactory – Battery Trends and Transforming the Supply Chain to Meet the Demands of the Growing EV Industry**

Conference partners | Événement présenté par :



Dr. David Deak, President of Marbex LLC, and Chief Development Officer at EnergySource Minerals; formerly Chief Technology Officer at Lithium Americas Corp; and former Engineering Manager at Tesla

10:30 a.m. **Morning Coffee Break and Networking Opportunity**
Move to AM Technical Breakout Sessions

AM CONCURRENT TECHNICAL SESSIONS

11:00 a.m. **Strengthening Innovation in Ontario's Critical Minerals Sector**
Frontier Lithium, Graeme Goodall, Vice President of Operations
Paul Pede, President & CEO; and,

Session Chair: Clara Lauziere, Manager, Critical Minerals Strategy Unit, Ministry of Mines
Large Amphitheatre Room# 2226

11:00 a.m. **Advancing EV Infrastructure in Northern and Remote Communities**
Devin Arthur, President, EV Society Greater Sudbury
Peyasu Wuttunee, Indigenous Business Development Lead, Teal Electrification System
Brandon Webber, Chief Business Development Officer, Teal Electrification Systems
Bora Plumtree, Research Director, Electric Mobility Canada

Session Chair: Ray Espaniel Hatfield, Chair, Biscotasing Citizens Committee Corporation
eDome Room# 1830

11:00am **Advanced Electric Energy Storage Systems and Charging Technologies For E-Mobility**
Sheldon S. Williamson, Chief Technical Officer of Power and Electrification, Testforce Systems, Inc.; Professor and NSERC Canada Research Chair, Ontario Tech University

Session Chair: Steve Gravel, Manager, Center for Smart Mining, Cambrian College of Applied Arts and Technology
Small Amphitheatre Room# 2230

12:00 a.m. **Networking Lunch**

Conference partners | Événement présenté par :



During lunch delegates are encouraged to visit the outdoors display of battery electric vehicles adjacent to the Student Life Centre

12:40 p.m.

Lunch Address:

Alfredo Santana, Chief Operating Officer, North Atlantic Operations, Vale

PM PLENERY SESSIONS: STUDENT LIFE CENTRE

1:30 p.m.

Northern Ontario Fueling the Electric Vehicle Revolution

The Honourable George Pirie, Minister of Mines, Province of Ontario

2:00 p.m.

Afternoon Keynote: Leading the Future of the Automotive and Mobility Sector

Raed Kadri, Head of Ontario Vehicle Innovation Network (OVIN)

2:20 p.m.

Untapping Critical Minerals Value from Mine Waste

*Dr. Nadia Mykytczuk, NOHFC Industrial Research Chair in Biomining and Bioremediation
CEO and President, MIRARCO; Executive Director, Goodman School of Mines
Glen Watson, Senior Specialist, Sustainability and Regulatory Affairs, Vale Base Metals*

3:00 p.m.

Afternoon Coffee Break and Networking Opportunity

3:10 p.m.

Panel Discussion: Manufacturing an EV Future - Balancing Demand and Supply

*Brian Kingston, President, Canadian Vehicle Manufacturers Association
David Adams, President, Global Automakers of Canada
Brendan Sweeney, Managing Director, Trillium Network for Advanced Manufacturing
Photinie Koutsavlis, Vice President Economic Affairs and Climate Change, Mining Association of Canada*

Moderator: Nino Di Cara, Found and President, Electric Autonomy Canada

4:00 p.m.

Break

4:10 p.m.

The EV Supply Chain No One is Talking About: The Development of Battery Electric Vehicles for Underground Mining

*Dale Rakochy, Business Advancements, Sandvik Mining and Rock Solutions
Andre Barriault, Product and Application Specialist – Electrification, Epiroc Canada*

Conference partners | Événement présenté par :



Anthony Griffiths, Senior Product Manager, Fleet Electrification, MacLean Engineering
Dave Schmidt, Engineering Manager, Kovatera
Ryan Karns, Product Director - LHD and Trucks, Komatsu

Moderator – Steve Gravel, Manager, Center for Smart Mining, Cambrian College of Applied Arts and Technology

4:50 p.m.

Closing Remarks

Meredith Armstrong, Director of Economic Development, City of Greater Sudbury
Shawn Poland, Vice President External Partnerships, Strategic Enrolment, and Executive Director, Cambrian College

Paul Lefebvre, Mayor, City of Greater Sudbury

5:00 p.m.

BBQ Reception Presented by Frontier Lithium
 Delegates meet and greet, Cambrian College Courtyard

Conference Day 2 – Thursday, June 1

REGISTRATION AND AM PLENARY SESSIONS: STUDENT LIFE CENTRE

7:45 a.m.

Networking Continental Breakfast and Coffee

8:30 a.m.

The Sudbury Mining Story courtesy of MIRARCO and Laurentian University Goodman School of Mines

8:35 a.m.

Day Two Welcome and Chairs' Recap of Day One

Meredith Armstrong, Director of Economic Development, City of Greater Sudbury
Shawn Poland, Vice President External Partnerships, Strategic Enrolment, and Executive Director, Cambrian College

8:45am

Mayor's Remarks

Paul Lefebvre, Mayor, City of Greater Sudbury

Conference partners | Événement présenté par :



- 8:50 a.m. **Day Two Opening Keynote**
Jean Marc Leclerc, President and CEO, Honda Canada Inc.
- 9:20 a.m. **GM's Path to an All-Electric Future: Building a Secure, Sustainable and Resilient EV Battery Value Chain in North America**
Simon Thibault, EV Critical Minerals Leader, Global Purchasing and Supply Chain, General Motors
- 9:50 a.m. **Decarbonizing the Critical Minerals Supply Chain**
Luke Mahony, Chief Technical Officer, Global Head of Technology and Innovation, Vale Base Metals
Mika Muinonen, Manager of Technology Projects – Extractive Metallurgy, Glencore Nickel
- Session Moderator: Samantha Espley, Senior Executive Advisor, Stantec; Past President of Canadian Institute of Mining, Metallurgy and Petroleum*
- 10:30 am **Sandvik Announcement**
Shawn Poland, Vice President External Partnerships, Strategic Enrolment, and Executive Director, Cambrian Foundation
Dale Rakochy, Business Advancements, Sandvik Mining and Rock Solutions
Kristine Morrissey, President, Cambrian College of Applied Arts and Technology
- 10:40 a.m. **Morning Coffee Break and Networking Opportunity**
Move to AM Technical Breakout Sessions

AM CONCURRENT TECHNICAL SESSIONS

- 11:00 a.m. **Ontario's Critical Minerals: "Come and Explore"**
Anthony Pace, Trade and Investment Specialist, Ontario Ministry of Northern Development
Trent Mell, Founder & CEO, Electra Battery Materials
Jason Jessup, CEO, Magna Mining Inc.
- Session Chair: Elena Zabudskaya, Business Development Officer, City of Greater Sudbury*
Large Amphitheatre Room# 2226

Conference partners | Événement présenté par :



- 11:00 a.m. **Recycling Critical Minerals from Battery Waste**
Jacob Boisvert, Process Engineer in Training, Electra Battery Materials
Sari Muinonen Manager, Custom Feed Glencore Sudbury Integrated Nickel Operations
Simon Nelms, Sr. Manager Vertical Marketing, Industrial, Thermo Fisher Scientific

Session Chair: Dr. Madiha Kahn, Analytical Research Lead, Cambrian R&D
eDome Room# 1830

- 11:00 a.m. **Small Modular Reactors (SMRs): Clean Energy**
Basma Amine, Senior Manager, SMR Development, Ontario Power Generation
Session Chair: Scott Rennie, Business Development Officer, City of Greater Sudbury
Small Amphitheatre Room# 2230

- 12:00 a.m. **Networking Lunch**
During lunch delegates are encouraged to visit the outdoors display of battery electric vehicles adjacent to the Student Life Centre

PM PLENERY SESSIONS: STUDENT LIFE CENTRE

- 1:30 p.m. **Mining for Talent: Developing a Skilled Workforce to Support the BEV Industries**
Stella Holloway, Vice President, MacLean Engineering
Samantha Espley, Senior Executive Advisor, Stantec; and Past President of Canadian Institute of Mining, Metallurgy and Petroleum
Nour Hachem-Fawaz, President and Founder, Build a Dream
Amanda Sayers, Director Skills Talent, Workforce Development, Ontario Vehicles Innovation Network (OVIN)

Moderator: Emma Jarratt, Executive Editor, Electric Autonomy Canada

- 2:15 p.m. **True Partnerships in Energy Storage – Oneida Project Case Study in Ontario**
Jason Rioux, Chief Development Officer, NRStor

- 2:45 p.m. **Afternoon Coffee Break and Networking Opportunity**

Conference partners | Événement présenté par :



3:10 p.m.

Enabling Ontario's Energy Transition to the EV Economy

Katherine Sparkes, Director, Innovation Research and Development, Independent Electricity System Operator (IESO)

Mark Passi, Manager, Energy, Sudbury Integrated Nickel Operations – A Glencore Company

Shah Nawaz Ahmed, Business Unit Head Digital Grid, Siemens

Jason Rioux, Chief Development Officer, NRStor

Moderator:

Frank Kallonen, President and CEO, Greater Sudbury Utilities Group of Companies

3:50 p.m.

Break

4:00 p.m.

Closing Fireside Chat: In the Driver's Seat for Canada's Generational EV Opportunity

Honourable Victor Fedeli, Minister of Economic Development, Job Creation and Trade

Moderator:

Steve Paikin, Host of TVOs The Agenda

4:40 p.m.

Closing Remarks

Conference partners | Événement présenté par :

