



**CIM 2018  
CONVENTION**

**Vancouver, BC | May 6-9**

A photograph of a large audience of professionals seated in a conference hall, facing towards the right. Many are wearing lanyards and looking attentively. A semi-transparent white box is overlaid on the center of the image, containing the text 'TECHNICAL PROGRAM CALL FOR ABSTRACTS'.

**TECHNICAL PROGRAM  
CALL FOR ABSTRACTS**

# IMPORTANT INFORMATION BEFORE SUBMITTING AN ABSTRACT

- The format of the conference allows for a 20 minutes presentation and a 5 minutes question and answer period.
- Abstracts of maximum of 200 words must be submitted online by November 20, 2017.
- Authors will be notified of acceptance by January 12, 2018.
- Presenters must register and pay the author registration fee on or before March 25, 2018 in order to guarantee their place in the program schedule.

Conferences rely on registration fees from all categories of attendees for financial sustainability. A preferential registration fee is set for presenters in recognition of their special contribution to the conference.

A selection of papers presented at CIM Convention 2018 will be available online through [cim.org](http://cim.org) Technical Paper Library.

See below for our CIM 2018 Convention themes and subthemes:

## MAINTENANCE, ENGINEERING AND RELIABILITY BEST PRACTICES

- ✓ Excellence in Maintenance Management
- ✓ Mine Hoisting Innovation
- ✓ Best practices in Reliability & Safety
- ✓ All Electric Mine
- ✓ Innovations in Energy

## MINING METAMORPHOSIS

- ✓ Autonomous Mining
- ✓ Underground Mining Innovation
- ✓ Mining Revolution: transforming mining by adopting from other industries
- ✓ The Matrix: interoperability and integration to foster innovation
- ✓ Advancing reliability in mining: metrics, cross-industry KPIs, benchmarking

## MINING PROJECTS DEVELOPMENT

- ✓ Transportation Infrastructure and Access to Mine
- ✓ Construction Materials in Remote Areas
- ✓ First Nations IBA Models for Mine Development
- ✓ Case Studies – Canada & International

## LEADING IN SAFETY

- ✓ Recent trends in Risk Assessment/Risk Management
- ✓ Sharing best practices in Safety Risk Management
- ✓ Developing a Safety Risk Management culture
- ✓ Canada and the world of Mining Safety
- ✓ Best Practices in Risk Assessment
- ✓ Making Safety risk management work

## ROCK MECHANICS

- ✓ Open pit & Underground mining
- ✓ Instrumentation
- ✓ Ground Stabilization
- ✓ Deep mining geomechanics
- ✓ Innovations in rock mechanics
- ✓ Rock Engineering Risk (aka: rock engineering safety)

## A VISION FOR THE FUTURE - MINERAL PROCESSING IN CANADA

**Keywords:** Comminution, Separation, Flotation, Leaching, Recovery, Gold, Precious Metals, Base Metals, Copper, Metallurgy, Minerals Processing, Beneficiation, Ore Sorting, Concentrates, Concentration

## UNDERGROUND MINING

- ✓ Underground Mines: Energy and Automation
- ✓ Technology and Innovation in Underground Mining
- ✓ Advancing Mine Safety
- ✓ Catching, Making and Keeping Future Underground Miners

## PRACTICAL OPERATION

Information to come...

## EXPLORATION AND MINE GEOLOGY

- ✓ Database management
- ✓ Best practices in QA/QC
- ✓ 3D data integration and modelling
- ✓ Ore grades reconciliation
- ✓ Geophysics in mines and tailings
- ✓ The world of geoscience innovation
- ✓ Rock Fragmentation

## ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

- ✓ Mining in the Circular Economy
- ✓ Best Practices
- ✓ Technological Innovations

## DIVERSITY & INCLUSION

- ✓ Reconciliation
- ✓ Hierarchy of diversity
- ✓ Best practices

## MANAGEMENT & FINANCE DAY

On invitation only.

## READY TO SUBMIT?

→ [How to submit an abstract](#)

→ [Presenter's Instructions](#)

**SUBMIT YOUR ABSTRACT BEFORE NOVEMBER 20, 2017** [CONVENTION.CIM.ORG](http://CONVENTION.CIM.ORG)

**Conference Chair:**

Sean Roosen, Chair of the Board of Directors and Chief Executive Officer at Osisko

**Technical Program Co-Chairs:**

Ross Pritchard, Technical Director, Mining and Metallurgy at Teck Resources Limited

Grant Carlson, Senior Mining Engineer at SKR