



August 26–29, 2018  
Ottawa, Ontario,  
Canada



## SYMPOSIUM ORGANIZERS

## 7th International Symposium on Advances in Sulfide Smelting

*Part of the Extraction 2018 global extractive metallurgy conference*

This technical scope of this symposium examines all aspects of sulfide smelting technology, including basic principles, technology, and current operating practice. Papers that describe innovative methods for achieving impurity separation and removal, by-product recovery, waste minimization, and/or energy efficiency are of particular interest, as are those that address important technical, economic, and environmental issues.

Topics to be covered include:

- Pyrometallurgical production
- Fundamentals, including thermodynamics, reaction kinetics, slag chemical and physical properties, minor elements, molten slag and fluxes
- Associated processes, such as feed preparation processes, equipment, gas handling, dust handling and processing, fugitive emissions, and acid plants
- Process modeling
- Environmental issues and policies related to sulfide smelting
- Furnace designs and refractory
- Furnace operating practices
- Process control and optimization
- New smelter and expansion/capital projects

Submit your abstract by November 15, 2017  
[www.ExtractionMeeting.org/CFA1](http://www.ExtractionMeeting.org/CFA1)

### A Collaboration of Leading Societies in Extractive Metallurgy

*Extraction 2018 is organized by the Metallurgy and Materials Society (MetSoc) of the Canadian Institute of Mining, Metallurgy and Petroleum (CIM); the Society for Mining, Metallurgy & Exploration (SME); and The Minerals, Metals & Materials Society (TMS).*



- Dean Gregurek, RHI Magnesita
- Joel Kapusta, BBA, Inc.
- Thomas Battle, Extractive Metallurgy Consultant
- Mark Schlesinger, Missouri University of Science and Technology
- Gerardo Alvear, Aurubis

## EXTRACTION 2018

*Technical Themes and Symposia*

### Hydrometallurgy

- Hydrometallurgy 2018
- Gordon Ritcey  
Symposium: Advances in Hydrometallurgical Solution Purification Separations
- Processing of Critical Metals

### Pyrometallurgy

- 7th International Symposium on Advances in Sulfide Smelting
- Peter Hayes Symposium on Pyrometallurgical Processing

### Sulfide Flotation

### Extractive Metallurgy Markets and Economics

For technical program details and to submit an abstract, visit  
[www.ExtractionMeeting.org/CFA1](http://www.ExtractionMeeting.org/CFA1)

## BENEFIT YOURSELF... AND YOUR BUSINESS

### Plan Now to Attend Extraction 2018

Extraction 2018 brings together the latest in technical research, provocative insights from recognized industry leaders, valuable plant tour experiences, an expanded trade show, and an abundance of business development opportunities into one dynamic meeting.