

# CALL FOR PAPERS

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xxviii | Québec City, Canada

**IMPC 2016**

Quebec City, Canada  
September 11–15, 2016

## Lightweight Metals and Composites: Production, Processing and Applications

The Symposium intends to bring together fundamental and applied research knowledge in the context of the growing global need for greener materials and resources. Topics concerning advanced technologies will be expected in the areas of the production, processing, and applications of lightweight materials including light metals (aluminum, magnesium, titanium, etc...) as well as lightweight high strength steel and composites. These will include automotive, aerospace, and naval, plus structural materials, packaging, beverage containers, and more...

### Sessions/Subjects to be covered:

Abstracts are solicited for, but are not limited to, the following topics:

1. Primary Production and Processing of Lightweight Metals
2. Development of Lightweight Metal and Casting Techniques
3. Advanced Manufacturing of Lightweight Metals
4. Advanced Modeling and Simulations of Materials and Processing of Lightweight Metals
5. Fabrication and Materials Characterizations
6. Lightweight composites Developments and Processing
7. Joining, Coatings, Finishing, Corrosion, and Product Performances
8. Environmental Issues and Processing Solutions for the Lightweight Metals Industry

### About the IMPC Congress

The International Mineral Processing Congress has been in existence for more than sixty years, with the first one held in London in 1952. With 39 technical papers and 332 delegates, it was indeed an impressive start to what would become a long and successful series of world-renowned congresses. The IMPC has been a major driving force for the promotion of scientific and technical knowledge in mineral processing and extractive metallurgy across the globe, becoming the most prestigious event in its field in the world today. The congress is truly international in scope with delegates from all parts of the world deliberating and collaborating on critical issues facing the mining and mineral processing industry globally. We are proud that the Conference of Metallurgists will be part of this Congress.



Credit: Ville de Québec



## PROCEEDINGS

The proceedings of the Symposium will be published in electronic format and will be available at the meeting. Both the Symposium and its proceedings will be in English. All papers will be refereed and edited prior to final acceptance and publication.

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The Lightweight Metals and Composites: Production, Processing and Applications Symposium will be a unique opportunity to update participants on new technological, scientific, economic and strategic trends in the industry and academia. Among the numerous conference attendees, there will be industry executives, representatives of universities and research institutes, students, design engineers, plant operators, policy makers, as well as metallurgical, materials, environmental and health experts from all over the world!

## Submit your abstract

Share your research for the Lightweight Metals and Composites Symposium and participate in IMPC 2016 as an author; submit an abstract of up to 300 words in English. Author pre-registration by the deadline is a pre-requisite. Accepted papers will only be included in the final program and published if one author is registered. Guidelines for the abstract and dates are listed online. Visit [www.metsoc.org](http://www.metsoc.org).

**Submit your abstract online at**  
**[www.metsoc.org](http://www.metsoc.org)**

## ORGANIZING COMMITTEE

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