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ORLANDO, FLORIDA, USA**  
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**SUBMIT AN ABSTRACT TO:**

## **LIGHT METALS**

# **ALUMINUM ALLOYS, PROCESSING AND CHARACTERIZATION**

This Aluminum Alloys, Processing and Characterization Symposium, along with Cast Shop Technology, Aluminum Reduction Technology, Electrode Technology for Aluminum Production, and Alumina and Bauxite form the Light Metals Symposium. This is an excellent opportunity to interact with experts from the Light Metals industry and academia from all over the world and get the latest update on key issues in the industry.

The symposium covers all aspects of the physical and mechanical metallurgy of aluminum alloys as well as processing methods (continuous casting is covered by Cast Shop Technology), aluminum-based metal matrix composites (MMC), product development, testing, and implementation of aluminum for end applications, including transportation (automotive, aerospace, and marine), packaging, and other key product segments.

You are invited to submit papers of fundamental and applied research in the following subject areas:

- Alloy Development, including Al-Sc and Al-RE alloys
- MMC Development, Fabrication, and Applications
- Microstructure Evolution and Characterization
- Defect Detection and Control
- Surface Modification and Control
- Mechanical Behavior
- Fitness for Service Testing
- Material and Process Modeling
- Processing Innovation
- Process Control and Measurements
- New Applications and Products

Note regarding publication: Authors seeking an oral presentation opportunity must submit a manuscript for the proceedings or be approved for publication in a TMS journal. Authors seeking a poster presentation are not eligible to publish in the conference proceedings.

## **ORGANIZER**

**Dimitry Sediako**, University of British Columbia, Canada

## **SYMPOSIUM SPONSORS**

TMS Light Metals Division  
TMS Aluminum Committee

**Abstract Deadline is July 1, 2020. Submit online at**  
[www.programmaster.org/TMS2021](http://www.programmaster.org/TMS2021).

**Questions?**  
Contact [programming@tms.org](mailto:programming@tms.org)