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TMS 2020

149th Annual Meeting & Exhibition

February 23-27, 2020 • San Diego, California, USA



Submit an abstract to:

Light Metals

Electrode Technology for Aluminum Production

The Electrode Technology Symposium for Aluminum Production—along with Aluminum Reduction Technology, Alumina and Bauxite, Cast Shop for Aluminum Production, and Aluminum Alloys, Processing and Characterization—collectively form the Light Metals Symposium at the TMS 2020 Annual Meeting & Exhibition. This meeting 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 importance of changes in anode coke supply, increased cell size with larger anodes and cathodes, and cathode wear issues are just some of the issues facing the industry. You are invited to submit papers of fundamental and applied research in the following subject areas:

- Upstream Production of Anode and Cathode Carbon Materials
- Production and Properties of Anode and Cathode Raw Materials, Anode Cover Materials
- Pitch and Coke Mixing, Anode Forming, and Anode Baking
- Anode Characterization
- Paste Plant Design and Operation
- Baking Furnace Design and Operation
- Mathematical Modelling
- Big Data Analysis
- Effects of Sulfur and Impurities in Anodes
- Rodding Room Design and Operation
- Anode Quality and Performance
- Solutions for Carbon Plant Environmental Issues and Safety
- Cathode Materials and Cathode Production
- Cell Preheating and Startup (as related to electrode life)
- Cathode Wear and Wear Mechanisms
- Spent Potlining, 1st and 2nd Cut (Joint session with Aluminum Reduction)
- Anode Butts, Handling, and Properties
- Inert Anode and Cathode Materials, Fabrication, and Performance

Authors seeking an oral presentation opportunity must submit a manuscript for the *Light Metals 2020* proceedings or be approved for publication in a TMS journal.

ORGANIZER

Duygu Kocafe, University of Quebec at Chicoutimi, Canada

SYMPOSIUM SPONSORS

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Abstract Deadline is July 1, 2019. Submit online at
www.programmaster.org/TMS2020.

Questions?
Contact programming@tms.org