



SUBMIT AN ABSTRACT BY JULY 1

FEBRUARY 27-MARCH 3, 2022
ANAHEIM CONVENTION CENTER & ANAHEIM MARRIOTT
ANAHEIM, CALIFORNIA, USA
#TMSAnnualMeeting

SUBMIT AN ABSTRACT FOR THE FOLLOWING TMS2022 SYMPOSIUM:

LIGHT METALS

Cast Shop Technology

The Cast Shop Technology symposium is part of the Light Metals program. The meeting is an excellent opportunity to interact with experts from the Light Metals industry and academia from all over the world and hear the latest updates on key issues in the industry. You are also invited to submit papers of fundamental and applied research in the following subject areas:

- Inclusion Detection and Removal
- Dissolved Impurity Removal (e.g., Na)
- Filtration and Degassing
- Impact of Impurities
- Grain Refinement
- Direct Chill Casting
- Open Mold Ingot Casting
- Strip Casting
- Melting and casting of highly reactive alloys (e.g., Al-Li)
- Cast Structures and Defects
- Automation, Process Modeling and Control
- New Innovations in Process and Product Measurements and Control
- Industry 4.0 in Aluminum cast shops
- Environmental Issues and Safety

In 2022, a Special Session honoring Frank & William Wagstaff's contribution to the technology of DC casting will be organized. The requirements for the submission are the same as for the symposium in general. As part of the joint REWAS-LMD activities a joint session on Recycling and Sustainability will be organized with the Recycling & Environmental Technologies Committee. This joint session within the Cast Shop Technology explores economic and environmental impacts of recycling, recyclability of complex scraps, pre-treatment of scraps, new recycling processes and life cycle assessment.

Note regarding publication: Authors seeking an oral presentation opportunity must submit a manuscript for the Light Metals proceedings or be accepted for publication in a TMS journal. Papers submitted to the joint REWAS-Recycling and Sustainability session will be published in the Light Metals proceedings and referenced in the REWAS proceedings.

ORGANIZERS

Stephen S. Instone, Hydro Aluminium Rolled Products GmbH
Mertol Göknelma, Izmir Institute of Technology
Samuel Wagstaff, Oculatus
Dmitry G. Eskin, Brunel University

SYMPOSIUM SPONSORS

TMS Aluminum Committee

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QUESTIONS?
Contact programming@tms.org