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TMS 2020

149th Annual Meeting & Exhibition

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



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Light Metals

Magnesium Technology 2020

This symposium is one of the largest yearly gatherings of magnesium specialists in the world. Papers are presented on all aspects of magnesium technology, ranging from primary production to applications and recycling, as well as from basic research to industrialization.

Magnesium Technology 2020 will cover, but is not limited to, the following topics:

- Novel Extraction Techniques
- Primary Production Alloys and Their Production
- ICME of Magnesium Alloys
- Thermodynamics and Kinetics
- Plasticity Mechanisms
- Cast Products/Processing (high-pressure die casting, semi-solid processing, etc.)
- Wrought Products/Processing (feedstock manufacturing, rolling, extrusion, forging, etc.)
- Forming, Joining, Machining
- Corrosion (protection) and Surface Finishing
- Fatigue and Fracture
- Dynamic Response
- Structural Applications (automotive, aerospace, etc.)
- Biomedical Applications
- Emerging Applications (batteries, hydrogen storage, additive manufacturing of powders, fracking, etc.)
- Recycling/Ecological issues/Life Cycle Analysis

In keeping with the long-standing tradition of presenting the most recent and highest quality work on magnesium, this symposium features a collection of manuscripts in an edited book entitled *Magnesium Technology 2020*. This book features the finest and latest breaking articles in magnesium research from the past year and is listed with the main indexing services including Elsevier Engineering Index and Thomas Reuters Conference Proceedings Citation Index, as well as published as a Google eBook online, making its articles readily searchable and available on the web and citable. A condition of delivering an oral presentation is submitting a paper for inclusion in the *Magnesium Technology 2020* book. Only those presenting posters or publishing in TMS journals are exempt. View more details on this symposium's publication policy through the abstract submission site.

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

Questions?
Contact programming@tms.org