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**MARCH 14-18, 2021 • ORLANDO WORLD CENTER MARRIOTT
ORLANDO, FLORIDA, USA
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SUBMIT AN ABSTRACT TO:

LIGHT METALS

MAGNESIUM TECHNOLOGY 2021

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. The symposium 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, ...)
- Wrought products/processing (feedstock manufacturing, rolling, extrusion, forging, ...)
- Forming, joining, machining
- Corrosion (protection) and surface finishing
- Fatigue and Fracture Dynamic response
- Structural applications (automotive, aerospace, ...)
- Degradation and Biomedical applications
- Emerging Applications (Batteries, hydrogen storage, additive manufacturing of powders, Fracking)
- Recycling / Ecological issues/ Life Cycle Analysis

ORGANIZERS

Victoria Miller, University of Florida, USA

Petra Maier, University of Applied Sciences Stralsund, Germany

J. Brian Jordon, University of Alabama, USA

Neale Neelameggham, IND LLC, USA

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Magnesium Technology 2021 Publication

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 2021*. 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 2021* book. Exemptions are only permissible if: (1) publishing in TMS journals, specifically *Metallurgical and Materials Transactions A or B*, *IMMI*, *JOM*, or another TMS-sponsored journal by the same group of authors in the same year. Exemptions will only be provided to those furnishing an AUTHORS COPY of their manuscript, letter of acceptance from the editor, or similar document illustrating that the manuscript was accepted by a TMS-sponsored journal by the deadline of SEPTEMBER 10, 2020. (2) It is not required to submit a manuscript if you are planning to make a poster presentation. By checking "YES, I will provide a manuscript for the proceedings for making an oral presentation" under PROCEEDINGS PARTICIPATION, you are indicating that you understand that a manuscript is required to make an oral presentation and it is your intent that this manuscript be included in the *Magnesium Technology 2021* book, which includes transferring the copyright of the contents of the manuscript to TMS.

**Abstract Deadline is July 1, 2020. Submit online at
www.programmaster.org/TMS2021.**

Questions?
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