

JOM Call for papers

An official publication of The Minerals, Metals & Materials Society

Publication Date: *November 2020*

Manuscript Deadline: *June 1, 2020*

Aluminum and Magnesium: Casting Technology and Solidification

This topic covers the formation of structure, defects and properties during casting and solidification of aluminum and magnesium alloys, with technologies including shape, continuous, direct-chill casting and rapid solidification. The topic also covers new technological approaches to improve the quality of cast metal through optimization or changing of casting hardware or procedures. Both experimental and modelling papers are welcome for submission, though the modelling papers need to contain experimental validation.

Original research papers should be 3,000-6,000 words with up to 8 figures maximum; review papers should be 6,000-10,000 words with up to 15 figures maximum.

Detailed author instructions are available at:
<http://www.tms.org/AuthorTools/>

Keywords for this topic: Aluminum; lightweight materials; molten metal and solidification; shaping and forming; phase transformations; advanced processing

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Committee Sponsor(s): Aluminum

If you are interested in submitting a paper, upload your manuscript at
<https://www.editorialmanager.com/jomj/>

Please note that all submissions will be subject to peer review. Submission does not guarantee acceptance.

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