

JOM Call for papers

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Manuscript Deadline: *May 1, 2019*

The Shaping and Forming Committee and the Advanced Characterization, Testing, and Simulation Committee are seeking papers on the topic of

Microstructure Evolution During Deformation Processing

Understanding how deformation processing techniques can control the microstructural evolution in metals is vital for alloy development. Technological advancements in metallurgy allow for rapid characterization of changes in microstructural texture, grain morphology, and strain. Processing-structure-properties-performance relationships can be created from the characterization data and, along with modeling, allow for the definition of material-specific process parameters to control the microstructural evolution and resulting material properties. Papers are invited that investigate all these aspects of microstructural evolution during deformation processing.

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:

Characterization, modeling and simulation, shaping and forming

Guest Editor for the JOM topic is Daniel Coughlin:
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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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