

JOM Call for papers

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Manuscript Deadline: *November 1, 2018*

The Mechanical Behavior of Materials Committee is seeking papers on the topic of *Deformation and Transitions at Grain Boundaries*

This topic will investigate how heterogeneous strains and transformations originating from grain boundaries can be characterized, analyzed, modeled, and used to ultimately predict continuum scale properties. From this perspective, all aspects of material production and service are covered, from initial solidification or consolidation to crack or void nucleation, as well as the processes by which damage coalescence becomes large enough to be modeled with continuum modeling strategies.

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, computational materials science and engineering, fundamentals, ICME, mechanical properties, modeling and simulation, physical properties

Guest Editors for the JOM topic are Saryu Fensin, Thomas R. Bieler, Shen Dillon, Jian Luo, and Douglas Spearot:
saryuj@lanl.gov; bieler@egr.msu.edu; sdillon@illinois.edu;
jluo@ucsd.edu; dspearot@ufl.edu

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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