

# JOM Call for papers

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**Manuscript Deadline:** *November 1, 2017*

**The Solidification Committee is seeking papers on the topic of**  
***Verification and Validation of Solidification Modeling***

Modeling of material behavior during solidification continues to play an increasingly important role in process design and in predicting microstructure and mechanical properties. However, models are only useful when they accurately and reliably reflect the behavior of physical systems. For this topic, papers are solicited on advances in verification and validation of solidification models, particularly related to statistical approaches in modeling, quantification of uncertainty, and experimental design for model validation.

Typical paper length is 5,000 to 6,500 words for review papers, and 2,400 to 4,000 words for original papers.

Detailed author instructions are available at:

<http://www.tms.org/AuthorTools/>

**Keywords for this topic:**

**Computational materials science & engineering, modeling and simulation, molten metal and solidification, phase transformations**

**Guest Editor for this JOM topic is Amber Genau:**

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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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