

JOM Call for papers

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Defect and Phase Transformation Pathway Engineering for Desired Microstructures

Extended defects such as dislocations and internal interfaces have been frequently utilized to tune desired phases and optimize mechanical properties. This special topic aims to publish research that brings together state-of-the-art characterization tools and computational tools for fundamental understanding of defect-microstructure interactions and the corresponding defect engineering strategies to design new microstructures, both homogeneous and heterogeneous / hierarchical for unprecedented properties.

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: **Advanced Materials; Phase Transformations; Defect**

Guest Editor(s): Yufeng Zheng, Rongpei Shi and Rajarshi Banerjee:

yufengz@unr.edu; shi7@llnl.gov; Raj.Banerjee@unt.edu

Committee Sponsor(s): **Phase Transformations**

If you are interested in submitting a paper, upload your manuscript at
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Please note that all submissions will be subject to peer review. Submission does not guarantee acceptance.

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