

# JOM Call for papers

An official publication of The Minerals, Metals & Materials Society

**Publication Date:** *February 2020*

**Manuscript Deadline:** *September 1, 2019*

## ***Mechanical Properties of Metastable Materials Containing Strong Disorder***

Metastable systems have received considerable attention because, as thermodynamically non-equilibrium state of matters, they provide ample opportunities for properties control, and have found applications in structural and functional materials. This special topic focuses on advances in the fundamental understanding of mechanical properties of metastable systems containing disorder (e.g., grain boundaries, glass-crystal interfaces, amorphous solids). Papers are invited on topics including state-of-the-art characterization of disordered materials, advanced computation and modeling, non-equilibrium thermodynamics, and/or kinetic theory.

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:** **Computational Materials Science & Engineering; Experimental Methods; Mechanical Properties; Modeling and Simulation; Physical Properties**

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