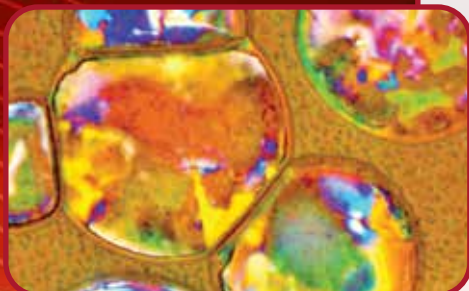


JOM Call for papers

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Manuscript Deadline: *May 1, 2022*

Properties and Evolution of Defects and Interfaces

This special topic solicits high-quality papers in the following areas with a focus on defects and interfaces. 1. Multi-scale experiments and modeling of defect evolution 2. In situ analysis of defects under extreme conditions (SEM, TEM, synchrotron, etc.) 3. Defect and interface properties and behavior in emerging materials (HEAs, NFAs, 3D printed materials, etc.) 4. Advanced characterization of physical and chemical properties of defects and interfaces (APT, 4D STEM, etc.) 5. Defect & interface engineering for optimal material

Original research papers should be 3,000-9,000 words with up to 12 figures maximum; review papers should be 6,000-11,000 words with up to 20 figures maximum.

Detailed author instructions are available at:
<http://www.tms.org/AuthorTools/>

Keywords for this topic: **Characterization; Mechanical Properties; Modeling and Simulation; Nuclear Materials; extreme conditions**

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