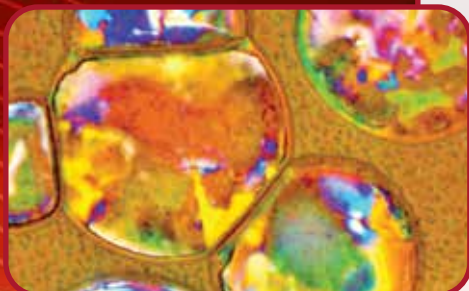


JOM Call for papers

An official publication of The Minerals, Metals & Materials Society



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Manuscript Deadline: *February 1, 2022*

In-situ Methods for Understanding Deformation & MS Evolution in Mg Alloys

Magnesium and its alloys have many unique transformations that occur during loading and thermomechanical processing due to its HCP crystal structure. Advanced in-situ characterization techniques are powerful tools for providing valuable information in real time. When used in combination with mechanical loading, processing techniques, and thermal treatments, comprehensive studies have been carried out to understand complex relationships between processing, structure, and properties.

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:
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Keywords for this topic: Alloy Phases; Characterization; ICME; Magnesium; Mechanical Properties

Guest Editor(s): Ariel Leonard and Domonkos Tolnai:
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