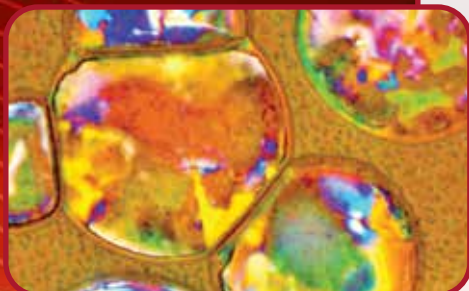


JOM Call for papers

An official publication of The Minerals, Metals & Materials Society



Publication Date: *August 2023*

Manuscript Deadline: *February 1, 2023*

Accelerated Discovery and Insertion of Next Generation Structural Materials

Structural stability of aerospace and energy related materials, manufactured by conventional and additive routes, is of great importance to avoid catastrophic failures during operation. Understanding their thermo-mechanical response under extreme pressure, temperature or corrosive conditions would immensely aid in designing alloys, and thereby increasing their lifetimes. The focus of this topic is on structural high temperature and light-weight materials such as refractory alloys, high entropy alloys, Ni- Co- based alloys, high strength titanium alloys, maraging steels and ODS alloys.

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: **Advanced Materials; Phase Transformations**

Guest Editor(s): Soumya Nag, Andrew Bobel, Bharat Gwalani and Eric Lass:

nags@ornl.gov; andrew.bobel@gm.com; bharat.gwalani@pnnl.gov; elass@utk.edu;

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