

JOM Call for papers

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Manuscript Deadline: *June 1, 2023*

Microstructures and Mechanical Behavior of High-entropy Materials

This special topic covers the field of microstructural evolution and mechanical properties of high-entropy materials (HEMs). Submissions are invited on gradient structure, hetero-structure, surface modification, nano-structure, fatigue, creep, and tension and compression of HEMs fabricated by various manufacturing processes, including casting, coating, powder metallurgy, and additive manufacturing. Also of interest are innovative alloy design concepts used to produce new types of HEMs with unique microstructures and excellent mechanical properties. Novel discoveries and perspectives on HEMs and advanced processing methods will be discussed.

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: **Additive Manufacturing; Advanced Processing; Mechanical Properties; High-Entropy Alloys; High-Entropy Materials**

Guest Editor(s): Peter Liaw, Jongun Moon and Jamieson Brechtl:

pliaw@utk.edu; jongunmoon90@gmail.com; brechtlijm@ornl.gov

Committee Sponsor(s): **Other-Invited**

If you are interested in submitting a paper, upload your manuscript at
<https://www.editorialmanager.com/jomj/>

Please note that all submissions will be subject to peer review. Submission does not guarantee acceptance.

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