

# JOM Call for papers

An official publication of The Minerals, Metals & Materials Society



**Publication Date:** *May 2023*

**Manuscript Deadline:** *November 1, 2022*

## ***Heterostructured Materials: A Fast Emerging Materials Field (By Invitation Only)***

Heterostructured materials are characterized by large differences (>100%) in mechanical properties among heterostructured zones. The large mechanical incompatibility leads to strong inter-zone interactive coupling, which produces a superior combination of strength and ductility that are deemed impossible according to conventional understanding in materials science and textbooks. This topic will feature invited papers only.

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; Fundamentals; Mechanical Properties; Heterostructured Materials; Metals and Alloys*

**Guest Editor(s):** *Yuntian Zhu, Enrique Lavernia and Xiaolei Wu:*  
[y.zhu@cityu.edu.hk](mailto:y.zhu@cityu.edu.hk); [lavernia@uci.edu](mailto:lavernia@uci.edu); [xlwu@imech.ac.cn](mailto:xlwu@imech.ac.cn)

**Committee Sponsor(s):** *Mechanical Behavior of Materials*

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.

**For more information on JOM, please visit [jom.tms.org](http://jom.tms.org)**