

JOM Call for papers

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Manuscript Deadline: *May 1, 2019*

The Alloy Phases Committee is seeking papers on the topic of ***Progress in High-Entropy Alloys***

High-entropy alloys (HEAs) loosely refer to multi-principal-element solid solution alloys due to their high configurational entropy. Their compositions are located in the center region of a multicomponent phase diagram, in contrast to traditional alloys that typically focus on the edge or corner of phase diagrams. The unique compositions and the resulting attractive properties of HEAs have stimulated growing research interest due to scientific curiosity and potential industrial applications. This special topic on high-entropy alloys invites contributions from authors working in the various fields of HEAs to disseminate the rapid progress in this fascinating and expanding class of advanced materials.

Original research papers should be 3,000-6,000 words with up to 8 figures maximum; review papers should be 6,000-10,000 words with up to 15 figures maximum.

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

Keywords for this topic:

Advanced materials, alloy phases, computational materials science and engineering, high-temperature materials, mechanical properties, modeling and simulation, phase transformations

Guest Editors for the JOM topic are Chuan Zhang, Michael C. Gao, and Shih-kang Lin:

chuan.zhang@computherm.com; michael.gao@netl.doe.gov; linsk@mail.ncku.edu.tw

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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