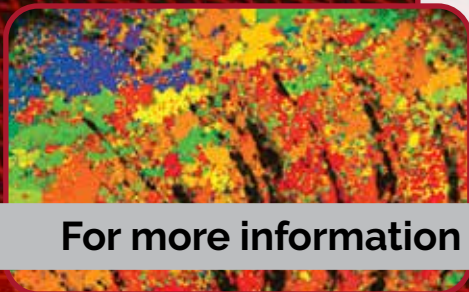
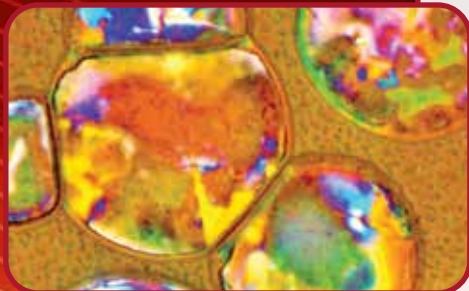


# JOM Call for papers

An official publication of The Minerals, Metals & Materials Society



**Publication Date:** *August 2024*

**Manuscript Deadline:** *February 1, 2024*

## ***Interface Engineering and Property Functionalization***

Sophisticated computational and experimental advancements have enabled probing the role of atomic-scale arrangements at interfaces and surfaces in macroscopic properties of materials. This provides opportunities and pathways to tune the mechanical, electrical, and optical properties of complex materials through designing and manipulating atomic arrangements at the interfaces. This topic welcomes articles of computational and experimental work that showcase such structure-property relationship and functionalization at atomic scales in the areas including but not limited to grain interfaces, thin films, topological and electrical materials, surface modification techniques and coatings.

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:** **Electronic Materials; Experimental Methods; Modeling and Simulation; Surface Modification and Coatings; Thin Films and Interfaces**

**Guest Editor(s):** **Hesam Askari and Eva Zarkadoula:**  
[askari@rochester.edu](mailto:askari@rochester.edu); [zarkadoulae@ornl.gov](mailto:zarkadoulae@ornl.gov)

**Committee Sponsor(s):** **Chemistry and Physics 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)