Call for papers

An official publication of The Minerals, Metals & Materials Society



Publication Date: February 2026

Manuscript Deadline: August 1, 2025

Recent Advances in the Development of Solid State Coatings and Applications

This special topic aims to cover recent advances in the development of solid-state coatings and their applications related to the surface engineering of materials. Solid-state deposition provides unique microstructures and offers significant improvement in properties. Areas of interest include but are not limited to cold spray deposition, additive friction stir deposition, and other solid-state deposition techniques that are specifically applied on surfaces to improve the corrosion and wear properties of materials.

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; Phase Transformations; Surface Modification and Coatings; Synthesis and Processing

Guest Editor(s): Tushar Borkar, Bharat Jasthi and Ning Zhu: t.borkar@csuohio.edu; Bharat.Jasthi@sdsmt.edu; Ning_Zhu@baylor.edu

Committee Sponsor(s): Surface Engineering

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