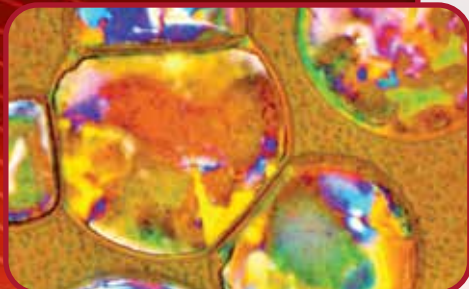


JOM Call for papers

An official publication of The Minerals, Metals & Materials Society



Publication Date: *August 2025*

Manuscript Deadline: *February 1, 2025*

Residual Stresses in Thin Films and Functional Coatings for Surface Engineering

This special topic examines thin film and coating strains, their present state, challenges, and future prospects. It describes the complex processes and effects of stress-induced events in various materials. It tackles unsolved challenges and emerging trends using experimental data and theoretical frameworks to provide solutions and research directions. This issue focuses on the complex discussion and helps us comprehend stresses in thin films and coatings for energy, biotechnology, corrosion, wear, and more.

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: **Mechanical Properties; Modeling and Simulation; Shaping and Forming; Surface Modification and Coatings; Thin Films and Interfaces**

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Committee Sponsor(s): **Thin Films and Interfaces**

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