## Call for papers

An official publication of The Minerals, Metals & Materials Society



Publication Date: *November 2025*Manuscript Deadline: *May 1, 2025* 

## Interfacial Challenges in Energy Conversion and Storage Systems

Energy storage and conversion play a vital role in decarbonization and energy transition, yet interfacial challenges hinder performance and safety, across multiple length and time scales. In this special topic, we invite contributions that delve into both experimental and computational explorations aimed at tackling these challenges. We seek insights into electrolyte design, electrode architecture, system enhancements, and beyond. Topics of interest include mechanothermo-electrochemical coupling, microstructure-property-performance interplay, modeling, and characterization techniques.

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: Characterization; Electrometallurgy; Energy; Experimental Methods; Thin Films and Interfaces; Solid-State; Aqueous; Semi-Solid; Gaseous; Electrolyte; Electrode; Modeling and Simulation

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Committee Sponsor(s): Energy Conversion and Storage

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