THE WORLD COMES HERE
TMS 2026
155th Annual Meeting & Exhibition

March 15–19, 2026
San Diego Convention Center
and Hilton San Diego Bayfront
San Diego, California, USA
#TMSAnnualMeeting

SUBMIT AN ABSTRACT FOR THE FOLLOWING SYMPOSIUM

MATERIALS SYNTHESIS AND PROCESSING

Composite Materials for Advanced Functionality: Sustainable and Eco-Friendly Materials and Applications

Efforts to achieve advanced functionality in composite materials is of increasing importance. These materials are critical to emerging challenges in aerospace, defense, energy, and environmental sectors. Focus is often placed on obtain combinations of properties not present in individual materials and can focus on integrating tailored properties such as high strength-to-weight ratios, thermal resistance, electrical conductivity, absorption characteristics individually or in combination. This symposium is interested in any material system designed to address these or other advanced functionalities including polymer, ceramic, and metal matrix composites. Particular interest is in those materials that are developed with a focus on sustainability and environmental conciseness. Interest is also present for advances in the manufacturing, modelling, and production of such materials in addition to the materials themselves.

SPONSORED BY:
TMS Structural Materials Division; TMS Composite Materials Committee; TMS Materials Characterization Committee; TMS Process Technology and Modeling Committee; TMS Recycling and Environmental Technologies Committee

ORGANIZED BY:
- **Brian Wisner,** Ohio University
- **Ioannis Mastorakos,** Clarkson University
- **Simona Hunyadi Murph,** Savannah River National Laboratory
- **Muralidharan Paramsothy,** NanoWorld Innovations (NWI)