

TMS 2015

144th Annual Meeting & Exhibition

March 15-19, 2015 • Walt Disney World
Orlando, Florida, USA

Connecting the global minerals, metals, and materials community.



Plan Now to Attend:

Advanced Composites for Aerospace, Marine, and Land Applications II

After the very successful symposium in 2014, we invite researchers to participate in the second Advanced Composites for Aerospace, Marine, and Land Applications symposium. The purpose of this multidisciplinary four-session symposium is to provide a healthy forum for presenting the latest advances by research workers and engineers in the specific domain of academia, industry, and research laboratories.

Composite materials have grown in stature, strength, and significance primarily because they offer advantageous properties coupled with improved performance for a spectrum of both performance-critical and non-performance critical applications, often with reduced weight or with improved functionality. Such applications span the domain of aerospace, marine, and even ground structures and vehicles, where noticeable reduction in weight of the components and resultant overall structure without appreciable loss in strength, ductility, fracture toughness, fatigue resistance, and corrosion resistance of the element.

This symposium will provide a forum for communication and exchange of information on material properties, modeling, testing, and application of composites materials across these fields. Contributions are solicited in, but not limited to, metal-matrix composites, ceramic-matrix composites, polymer-matrix composites, hybrid composites, modeling and simulation of composite systems, composite fabrication and processing, characterization, material properties and applications, and non-destructive evaluation and testing of composites.

Presenters participating in this symposium will be asked to submit a manuscript for the proceedings.

Sponsored by:

- TMS Structural Materials Division
- Composite Materials Committee

Organized by:

Tomoko Sano, U.S. Army Research Laboratory (USA)
Tirumalai Srivatsan, University of Akron (USA)

**For more information on how
to participate, visit:**

www.tms.org/TMS2015

Questions? Contact programming@tms.org