

THE WORLD COMES HERE.  
**TMS 2025**  
154<sup>th</sup> Annual Meeting & Exhibition



**March 23–27, 2025**  
MGM Grand Las Vegas  
Hotel & Casino  
Las Vegas, Nevada, USA  
#TMSAnnualMeeting



## SUBMIT AN ABSTRACT FOR THE FOLLOWING TMS2025 SYMPOSIUM:

### MATERIALS SYNTHESIS AND PROCESSING

## Friction Stir Welding and Processing XIII

This symposium is the thirteenth friction stir welding and processing symposium during TMS Annual Meetings. This symposium will present fundamentals and the current status of friction stir welding (FSW) and solid-state friction stir processing of materials. It will provide researchers and engineers with an opportunity to review the current status of the friction stir related processes and discuss the future possibilities. Papers are sought on all aspects of friction stir welding and processing including their various derivative technologies.

Abstracts are requested in the following general topic areas related to friction stir technologies:

- Additive friction stir technologies
- Friction stir extrusion technologies
- High temperature applications
- Industrial applications
- Friction stir spot technologies
- Dissimilar alloys and/or materials
- Lightweight alloys
- Simulation
- Characterization
- Non-destructive examination techniques.

#### ORGANIZERS

**Yuri Hovanski**, Brigham Young University; **Yutaka Sato**, Tohoku University; **Piyush Upadhyay**, Pacific Northwest National Laboratory; **Nilesh Kumar**, University of Alabama, Tuscaloosa; **Anton Naumov**, Peter The Great St. Petersburg Polytechnic University

#### SYMPOSIUM SPONSORS

TMS Materials Processing & Manufacturing Division, TMS Shaping and Forming Committee

[www.tms.org/TMS2025](http://www.tms.org/TMS2025)

**QUESTIONS?**

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