

TMS2016

145th Annual Meeting & Exhibition

FEBRUARY 14-18 DOWNTOWN NASHVILLE,
TENNESSEE MUSIC CITY CENTER

Connecting the Global Minerals, Metals, and Materials Community.



Ultrafine Grained Materials IX

This ninth international symposium will focus on all aspects of the science and technology of ultrafine grained (UFG) and nanocrystalline materials. This symposium covers a broad scope, ranging from fundamental science to applications of bulk UFG (grain size <1,000 nm) and nanostructured (feature size <100 nm) materials.

It will provide a forum on the topics of:

- Fabrication and understanding of UFG and nanocrystalline materials, including conventional and emerging technologies and advancements
- Fundamental issues in severe plastic deformation (SPD) processing and SPD-processed materials
- UFG and nanocrystalline microstructure evolution
- Mechanical and physical properties
- Deformation mechanisms
- Superplasticity
- Joining and bonding
- Computational and analytical modeling
- Structural and functional applications
- Gradient and layered nanostructures
- Stability of nanostructured materials
- Powder processing
- Bio-inspired nanomaterials

UFG IX will be hosting a Young Scientist Session for students and post-docs. Awards will be given for best oral presentation and best poster.

Organizers include:

Suveen Mathaudhu, University of California, Riverside (USA)
Irene Beyerlein, Los Alamos National Laboratory (USA)
Roberto Figueiredo, Federal University of Minas Gerais (Brazil)
Zenji Horita, Kyushu University (Japan)
Megumi Kawasaki, Hanyang University (South Korea)

Learn More

at www.tms.org/TMS2016