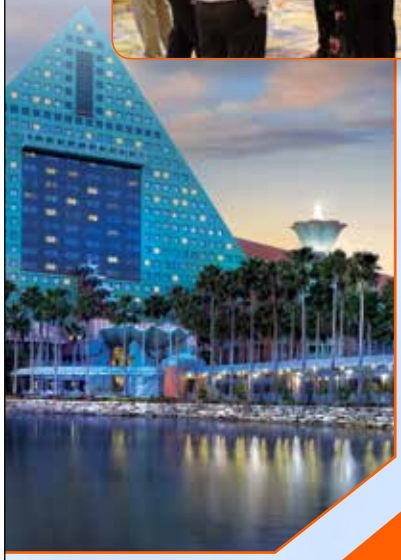
TMS2015

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:

Micromechanics of Structurally Inhomogeneous Materials: An FMD Symposium in Honor of Armen Khachaturyan

This symposium has been organized to celebrate the 80th birthday and life-long contributions of Professor Armen G. Khachaturyan over the past 50 years and to discuss the current status and recent advances in research areas in which the professor has made seminal contributions. These include:

- Theory of phase transformations in metal and ceramic systems
- Thermodynamics and kinetics of alloy phase decomposition and ordering
- Thermodynamics and kinetics of martensitic and ferroelastic transformations
- Thermodynamics and kinetics of domain structure evolution in ferrorelectrics and ferromagnetics
- Micromechanics of structurally inhomogeneous materials
- Theory of coherent structural domains
- Phase Field modeling of multi-dislocation systems in plastic deformation
- Computer simulation of microstructure evolution of complex coherent multi-phase systems
- Concentration Wave approach to statistical thermodynamics of metal and ceramic systems
- Diffraction and electron microscopy

Sponsored by:

- TMS Functional Materials Division (formerly EMPMD); TMS Structural Materials Division
- Chemistry and Physics of Materials Committee; Phase Transformations Committee

Organized by:

Long Qing Chen, Penn State University (USA)
Mark Asta, University of California, Berkeley (USA)
Yunzhi Wang, Ohio State University (USA)
Raymundo Arroyave, Texas A&M University (USA)
Yongmei Jin, Michigan Technological University (USA)
Yann Le Bouar, LEM, CNRS/ONERA (France)

For more information on how to participate, visit:

www.tms.org/TMS2015

Questions? Contact ***programming@tms.org***