



2014 and 2015 editorial calendar

November 2014

Theme: Energy and Environment

- Aluminum: Recycling and Environmental Issues
- Alloys and Compounds for Thermoelectric and Solar Cell Applications
- Progress with Lead-Free Solders
- Critical Materials: Strategies for Achieving Sustainability

Manuscripts Due: Deadline Passed

December 2014

Theme: Materials for Extreme Environments

- Nuclear Applications of ODS and NFA Alloys
- Long-Term Durability and Stability of High-Temperature Alloys
- Radiation Effects in Oxide Ceramics and Novel LWR Fuels

Manuscripts Due: Deadline Passed

January 2015

Theme: Applying Materials Science and Engineering

- High-Temperature Coatings for Environmental Protection
- Scalable Nanomanufacturing
- Corrosion Fatigue
- Multi-Objective Optimization for Materials
- Multi-Scale Modeling: Concurrent and Hierarchical Methods

Manuscripts Due: Deadline Passed

February 2015

Theme: Upstream Materials: Extraction, Processing and Characterization

- Aluminum: Bauxite-Alumina-Carbon-Reduction
- Characterization of Advanced Mineral Materials
- Critical Metals Hydrometallurgy
- Modeling, Simulation, and Development of Metallurgical Processes: Part II

Manuscripts Due: October 15, 2014

March 2015

Theme: Additive Manufacturing

- Modeling of Microstructure Evolution during Additive

Manufacturing

- Metal Powder for Additive Manufacturing (3D Printing)
- Progress in Additive Manufacturing

Manuscripts Due: November 15, 2014

April 2015

Theme: Biomaterials and Thin Films

- Nanomechanical Behavior of Biomaterials
- Surfaces and Biointerfaces
- Electronic, Biological, and Functional Thin Films
- Archaeomaterials

Manuscripts Due: December 15, 2014

May 2015

Theme: Metallurgy and Processing

- Aluminum: Shaping and Forming
- Friction Stir Welding and Processing
- Metallurgy: Energy and Environmental Issues

Manuscripts Due: January 15, 2015

June 2015

Theme: Metals and Alloys

- Beta-Titanium Alloys
- Permanent Magnets beyond Nd-Dy-Fe-B
- Critical Materials: Strategies for Achieving Sustainability
- TMS2015 Bladesmithing Project

Manuscripts Due: February 15, 2015

July 2015

Theme: Interfaces and Surface Engineering

- Control of Interfacial Phenomena during Processing: Modeling and Technology Developments
- Effects of Interfaces on Mechanical Properties of Composites
- Surface Engineering for Extreme Conditions
- Archaeomaterials

Manuscripts Due: March 15, 2015

August 2015

Theme: Advanced Modeling and Characteristics

- ICME: Bridging Interfaces
- In-Situ Mechanical Testing in Electron Microscopes
- Advances in Modeling of Solidification Microstructures
- New Horizons in Mechanical Spectroscopy

Manuscripts Due: April 15, 2015

2014 and 2015 advisors and committees

Amit Pandey

*Advanced Characterization, Testing,
and Simulation Committee*

Michael Gao and Sinn-wen Chen

Alloy Phases Committee

Alton Tabereaux

Aluminum Committee

Candan Tamerler-Behar

Biomaterials Committee

Michael J. Demkowicz

*Chemistry and Physics of Materials
Committee*

Muralidharan Paramsothy

Composite Materials Committee

Bala Radhakrishnan

*Computational Materials Science and
Engineering Committee*

Vilupanur A. Ravi and

Kinga Unocic

*Corrosion & Environmental Effects
Committee*

Babak Arfaei

*Electronic Packaging &
Interconnection Materials Committee*

Cong Wang

Energy Committee

Xiaochuan Lu

*Energy Conversion and Storage
Committee*

Chantal Sudbrack and

Mark Hardy

High Temperature Alloys Committee

Harald Oosterhof

*Hydrometallurgy & Electrometallurgy
Committee*

Nitin Chopra

ICME Committee

James Saal

Magnesium Committee

Satoshi Hirose

Magnetic Materials Committee

Bowen Li

*Materials Characterization
Committee*

Marian S. Kennedy

*Mechanical Behavior of Materials
Committee*

Terry Xu and Jung-Kun Lee

Nanomaterials Committee

Jian Wang (2014–2015)

Xiaodong Li (2015)

Peter Hosemann (2015)

*Nanomechanical Materials Behavior
Committee*

Raul Rebak (2014)

Ramprashad Prabhakaran (2015)

Nuclear Materials Committee

Amy Clarke

Phase Transformations Committee

Ma Qian

Powder Materials Committee

Antoine Allanore

*Process Technology & Modeling
Committee*

Zhiwei Peng

Dean Gregurek *Pyrometallurgy
Committee*

Gabrielle Gaustad

*Recycling & Environmental
Technologies Committee*

Todd Leonhardt

Refractory Metals Committee

John Carsley

Shaping & Forming Committee

Mohsen Asle Zaeem (2015)

Solidification Committee

Sandip Harimkar and

Srinivasa Bakshi

Surface Engineering Committee

Roger Narayan

*Thin Films & Interfaces
Committee*

William Joost

Titanium Committee

Anyone wishing to publish in *JOM* should follow the guidelines established in the *JOM* Instructions for Authors, which features detailed information on communication, manuscript preparation, and publication procedures. The Instructions for Authors are available on the *JOM* website at www.jom.tms.org.

For More Information Contact:

Telephone: (724) 776-9000 ext. 228

e-mail: jom@tms.org