



# 2014 editorial calendar

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## **August 2014**

### ***Theme: Physical Metallurgy***

- Aluminum: Shaping and Forming
- Microstructural Patterning during Phase Transformations
- Semisolid Deformation: Experimental and Numerical Developments
- Multiscale Approaches to Hydrogen-Assisted Degradation of Metals
- Heterogenous Nucleation and Initial Microstructural Formation

***Manuscripts Due: Deadline Passed***

## **September 2014**

### ***Theme: Metals and Alloys: Part II***

- Energy Savings in Mining and Metallurgical Industries
- Critical Metals Hydrometallurgy
- Modeling, Simulation and Development of Metallurgical Processes
- Refractory Metals and Alloys
- Low-Density Steels

***Manuscripts Due: Deadline Passed***

## **October 2014**

### ***Theme: Mechanical Properties***

- Progress in High-Entropy Alloys
- Multi-Objective Optimization for Materials
- Multiscale Perspective of Interface-related Mechanics of Nanocomposites
- Deformation and Forming of Joined Materials
- Multi-scale Modeling: Concurrent and Hierarchical Methods

***Manuscripts Due: Deadline Passed***

## **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: August 1, 2014***

## **December 2014**

### ***Theme: Materials for Extreme Environments***

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

***Manuscripts Due: September 1, 2014***

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and Simulation Committee*

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