

## Meetings Calendar

### *Presenting upcoming meetings and calls for papers*

**Symposia Proposals and Abstract Submissions:** For TMS-sponsored meetings, symposia proposals and abstracts must be submitted through ProgramMaster, the on-line TMS conference and proceedings management system. The system can be accessed at [www.tms.org](http://www.tms.org). Using the Meetings & Events pulldown menu, select the Upcoming TMS Meeting for which you wish to submit a symposia proposal or an abstract, and follow the on-line instructions. The society especially encourages the submission of "hot-topic" symposia or special-session proposals on timely or developing subjects. To advance an idea, use the symposium creation form in ProgramMaster. Additional information can be acquired from the TMS Technical Support Services Department, 184 Thorn Hill Road, Warrendale, PA 15086; (724) 776-9000, ext. 275; fax (724) 776-3770.

## TMS-Sponsored Events

### **ICAA-13**

*June 3–7, 2012*

*Pittsburgh, Pennsylvania*

The 13th International Conference on Aluminum Alloys (ICAA-13) is coming to Carnegie Mellon University in Pittsburgh, Pennsylvania—the birthplace of the modern aluminum industry. The conference will include the following topics: the science of aluminum alloy design for a range of market applications, accurate prediction of materials properties, novel aluminum products and processes, and emerging developments in recycling and applications. **Contact:** Meeting Services, TMS, 184 Thorn Hill Road, Warrendale, PA 15086; (724) 776-9000, ext. 243; fax: (724) 776-3770; e-mail: [mtgserv@tms.org](mailto:mtgserv@tms.org); [www.tms.org/Meetings/Specialty/ICAA13/home.aspx](http://www.tms.org/Meetings/Specialty/ICAA13/home.aspx).

### **NanoNuclear Workshop**

*June 5–7, 2012*

*Gaithersburg, Maryland*

With a focus on nanostructured materials in particular reactor applications, this workshop has been designed as a recurrent forum for bridging the gap between nanotechnology and nuclear science and engineering. The range of possible nanotechnology applications to the nuclear energy industry that will be explored include: environmental effects of ore processing; novel potential variants for isotopic separations; radionuclide sequestration; real time in-pile sensing; better methods for fuel fabrication; stronger cladding materials; strategies for deep burn; increased tolerance of temperature excursions; better heat transfer; and more effective and lighter weight radiation shielding. This program is sponsored by the TMS Nuclear Materials Committee and Nanomaterials Committee. **Contact:** Meeting Services, TMS, 184 Thorn Hill Road, Warrendale, PA 15086 USA; (724) 776-9000, ext. 243; fax: (724) 776-3770; e-mail: [mtgserv@tms.org](mailto:mtgserv@tms.org).

### **3D Materials Science 2012**

*July 8–12, 2012*

*Seven Springs, Pennsylvania*

The International Conference on 3D Materials Science seeks to provide the premier forum for presentations on the three dimensional characterization, visualization, quantitative analysis, modeling, and investigation of structure-property relationships of materials. This conference will also provide an environment for rich discussions and interactions amongst the key researchers to not only assess the state-of-the-art within the various elements of 3D materials science, but to roadmap the key areas of future research. **Contact:** Meeting Services, TMS, 184 Thorn Hill Road, Warrendale, PA 15086 USA; (724) 776-9000, ext. 243; fax: (724) 776-3770; e-mail: [mtgserv@tms.org](mailto:mtgserv@tms.org); [www.tms.org/Meetings/Specialty/3D2012/home.aspx](http://www.tms.org/Meetings/Specialty/3D2012/home.aspx).

### **2012 Methods for 3D Microstructural Studies Workshop**

*July 13–14, 2012*

*Pittsburgh, Pennsylvania*

Sponsored by TMS and Carnegie Mellon University, this workshop will introduce participants to methods developed at Carnegie Mellon University to improve understanding, control, and optimization of grain boundary dominated materials properties. This event is being held in conjunction with the International Conference on 3D Materials Science 2012 (3DMS), July 8–12, 2012 at the Seven Springs Mountain Resort, Pennsylvania. The first specialty conference of its kind organized by TMS, 3DMS offers an exceptional forum for learning and networking on three-dimensional characterization, visualization, quantitative analysis, modeling, and investigation of structure-property relationships of materials. **Con-**

**tact:** Meeting Services, TMS, 184 Thorn Hill Road, Warrendale, PA 15086 USA; (724) 776-9000, ext. 243; fax: (724) 776-3770; e-mail: [mtgserv@tms.org](mailto:mtgserv@tms.org); [www.tms.org/Meetings/2012/3dworkshop/home.aspx](http://www.tms.org/Meetings/2012/3dworkshop/home.aspx).

### **Superalloys 2012**

*September 9–13, 2012*

*Champion, Pennsylvania*

The purpose of this Twelfth International Symposium on Superalloys is to provide a forum for researchers, producers, and users to present the most recent technical information on a class of high-strength, high-temperature alloys commonly known as superalloys. The overall scope seeks to highlight advances in superalloys made possible by practical application of modeling and simulation. The technical focus will be on alloy development, processing, coatings and environmental effects, and mechanical behavior, with an increased focus on how modeling tools were developed and applied in these areas. **Contact:** Meeting Services, TMS, 184 Thorn Hill Road, Warrendale, PA 15086; (724) 776-9000, ext. 243; e-mail [mtgserv@tms.org](mailto:mtgserv@tms.org); [www.tms.org/Meetings/Specialty/Superalloys2012/home.aspx](http://www.tms.org/Meetings/Specialty/Superalloys2012/home.aspx).

### **2012 Industrial Aluminum Electrolysis Course**

*September 9–14, 2012*

*Jonquiere, Quebec, Canada*

This popular biannual conference will cover a broad range of theoretical and practical applications in aluminum manufacturing, with more than 30 lectures planned on topics such as Alumina Quality and Solubility; Anode Effect Mechanism and Emission Rates; Current Efficiency Improvements and Optimization; Diagnosis of Problem Pots; Electrolyte Compositions; Heat Balance Fundamentals; Optimizing Work Practices to Minimize Disturbances and Maximize

Smelter Cell Performance; Productivity & Work Practice Challenges; Use of Stored Data/Recent History of Cell Condition Variations for Advanced Diagnostics of Abnormalities; and Work Practices and Safety in Potrooms. A highlight of the program will be a tour of the Rio Tinto Alcan Jonquiere smelter. **Contact:** Meeting Services, TMS, 184 Thorn Hill Road, Warrendale, PA 15086 USA; (724) 776-9000, ext. 243; fax: (724) 776-3770; e-mail: [mtgserv@tms.org](mailto:mtgserv@tms.org); [www.tms.org/meetings/2012/IndustrialAluminumElectrolysis/home.aspx](http://www.tms.org/meetings/2012/IndustrialAluminumElectrolysis/home.aspx).

### MS&T 2012

October 7–11, 2012

Pittsburgh, Pennsylvania

The MS&T partnership of four leading materials societies—ACerS, AIST, ASM, and TMS—brings together scientists, engineers, students, policy makers, suppliers and more to discuss current research and technical applications, and to shape the future of materials science and technology. NACE International will again co-sponsor MS&T. **Contact:** Meeting Services, TMS,

184 Thorn Hill Road, Warrendale, PA 15086; (724) 776-9000, ext. 243; fax: (724) 776-3770; e-mail: [mtgserv@tms.org](mailto:mtgserv@tms.org); [www.matscitech.org](http://www.matscitech.org).

### TMS 2013

March 3–7, 2013

San Antonio, Texas

The TMS Annual Meeting & Exhibition brings together more than 3,800 business leaders, engineers, scientists and other professionals in the materials field for an outstanding exchange of technical knowledge leading to solutions in the workplace and in society. TMS2013 will also include the symposium REWAS 2013: Enabling Metal Resource Sustainability, which will provide an interdisciplinary and multi-disciplinary platform where the materials and metallurgical professional can interact and exchange with other stakeholders and research fields to facilitate the transition to a more sustainable industry and society. By taking a material-focused perspective as well as a product-focused perspective bridges between the two can be forged. **Contact:** Meeting Services, TMS, 184 Thorn Hill Road, Warrendale, PA

15086; (724) 776-9000, ext. 243; fax: (724) 776-3770; e-mail: [mtgserv@tms.org](mailto:mtgserv@tms.org); [www.tms.org/meetings/annual-13/AM13home.aspx](http://www.tms.org/meetings/annual-13/AM13home.aspx).

### PRICM-8

August 4–9, 2013

Waikoloa, Hawaii

Held every three years, this Pacific Rim International Conference on Advanced Materials and Processing—the 8th in the series of forums dedicated to advanced materials and processing—is being organized this year by TMS. The conference is jointly sponsored by CSM, JIM, MA, and KIM and rotates among these sponsoring organizations. PRICM-8 will include plenary, keynote, and contributed presentations on topics such as advanced steels and processing, bulk metallic glasses and nanomaterials, light metals and alloys, thin films and surface engineering, materials for energy, and many others. **Contact:** Meeting Services, TMS, 184 Thorn Hill Road, Warrendale, PA 15086; (724) 776-9000, ext. 243; fax: (724) 776-3770; e-mail: [mtgserv@tms.org](mailto:mtgserv@tms.org); [www.tms.org/meetings/specialty/pricm8/home.aspx](http://www.tms.org/meetings/specialty/pricm8/home.aspx).

## TMS Co-sponsored Events

**Offshore Technology Conference 2012 (OTC 2012):** April 30–May 3, 2012; Houston, Texas; [www.otcnet.org/2012](http://www.otcnet.org/2012).

**Conference of Metallurgists – COM 2012:** September 30–October 3, 2012, Niagara, ON, Canada; [www.metsoc.org/com2012.asp](http://www.metsoc.org/com2012.asp).

## General Meetings

**Advance Joining Symposium:** May 15–16, 2012; Schenectady, New York; [www.asmeasternny.org/spring-symposium.html](http://www.asmeasternny.org/spring-symposium.html).

**6th Annual World Magnesium Conference:** May 20–22, 2012; San Francisco, California; [www.intlmag.org/](http://www.intlmag.org/).

**Metal 2012:** May 23–25, 2012; Brno, Czech Republic; [www.metal2012.com/](http://www.metal2012.com/).

**ALTA 2012 Nickel-Cobalt-Copper, Uranium & Gold Conference:** May 26–June 2, 2012; Perth, WA, Australia; [www.altamet.com.au/](http://www.altamet.com.au/).

**2012 International Conference on Powder Metallurgy & Particulate Materials:** June 10–13, 2012; Nashville, Tennessee; [www.mpif.org/](http://www.mpif.org/).

**SCANMET IV – 4th International Conference on Process Development in Iron and Steelmaking:** June 10–13, 2012; Lulea, Sweden; [www.scanmet.info/](http://www.scanmet.info/).

**IMLB 2012 – 16th International Meeting on Lithium Ion Batteries:** June 17, 2012; Jeju, Korea; [imlb2012.org/](http://imlb2012.org/)

**Biohydrometallurgy '12:** June 18–20, 2012; Falmouth, Cornwall, U.K.; [www.min-eng.com/biohydromet12/index.html](http://www.min-eng.com/biohydromet12/index.html).

**Aeromat 2012:** June 18–21, 2012; Charlotte, North Carolina; [www.asminternational.org/content/Events/aeromat/index.jsp](http://www.asminternational.org/content/Events/aeromat/index.jsp).

**5th Annual Central Asia Mining Congress:** June 18–21, 2012; Kazakhstan; [www.terrapin.com/camining](http://www.terrapin.com/camining).

**EBSD 2012 – Electron Backscattered Diffraction 2012:** June 19–20, 2012; Pittsburgh, Pennsylvania; [www.microbeamanalysis.org/topical-conferences/ebsd-2012](http://www.microbeamanalysis.org/topical-conferences/ebsd-2012).

**Zinc Processing '12:** June 21–22, 2012; Falmouth, Cornwall, U.K.; [www.min-eng.com/zincprocessing12](http://www.min-eng.com/zincprocessing12).

**MAG 2012 – 9th International Conference on Magnesium Alloys and Their Applications:** July 8–12, 2012; Vancouver, BC, Canada; [www.magnesium2012vancouver.com/](http://www.magnesium2012vancouver.com/).

**ICM2012 – 19th International Conference on Magnetism with Strongly Correlated Electron Systems 2012:** July 8–12, 2012; Busan Korea; [www.icm2012.org/](http://www.icm2012.org/).

**Hydroprocess 2012:** July 11–13, 2012; Santiago, Chile; [www.hydroprocess2012.com/](http://www.hydroprocess2012.com/).

**39th Annual Review of Progress in Quantitative Nondestructive Evaluation:** July 15–20, 2012; Denver, Colorado; [www.qndeprograms.org/2012/Conference2012.html](http://www.qndeprograms.org/2012/Conference2012.html).

**ICCE-20 – 20th Annual International Conference on Composites or Nano Engineering:** July 22–28, 2012; Beijing, China; [www.icce-nano.org/](http://www.icce-nano.org/).

**2nd International Conference on Optical, Electronic and Electrical Materials:** August 5–7, 2012; Shanghai; [www.oem.org/](http://www.oem.org/).

**ICSMA16 – International Conference on Strength of Materials:** August 19–24, 2012; Bangalore, India; [www.icsma.org/](http://www.icsma.org/).

**Joint ISFD–11th RCBSIF Symposium:** August 20–24, 2012; Ekaterinburg, Russia; [labfer.usu.ru/isfd-11-rcbjsf](http://labfer.usu.ru/isfd-11-rcbjsf).

**12th International Symposium on Dendritic Cells:** October 7–11, 2012; Daegu, South Korea; [www.dc2012.kr/](http://www.dc2012.kr/).

**Process Mineralogy '12 – 2nd International Symposium on Process Mineralogy:** November 12–13, 2012; Cape Town, South Africa; [www.min-eng.com/processmineralogy12/](http://www.min-eng.com/processmineralogy12/).