



TMS content update

Can't attend the TMS 2014 Annual Meeting and Exhibition (TMS2014), February 16–20, in San Diego? You can still benefit from some of the knowledge shared by purchasing the proceedings volumes generated from the meeting. All are now available through TMS's publishing partner, John Wiley & Sons, www.wiley.com.
TMS members: Visit the Member Reading Room section of the TMS Members Only website at members.tms.org to acquire your discount code.

TMS2014 Proceedings Volumes Now Available

5th International Symposium on High-Temperature Metallurgical Processing

Editors: Tao Jiang, Jiann-Yang Hwang, Mark E. Schlesinger, Onuralp Yücel, Rafael Padilla; Phillip J. Mackey, Guifeng Zhou

Hardcover, 670 pages, US\$149.95

Highlights advancements in new high-temperature metallurgical technologies and their applications in such areas as: minerals processing; metals extraction; refractory and ceramic material preparation; fine particle sintering and synthesis; treatment and recycling of slags and wastes; and energy efficiency.

Advanced Composites for Aerospace, Marine, and Land Applications

Editors: Tomoko Sano, T.S. Srivatsan, Michael W. Peretti

Hardcover, 284 pages, US\$125

Offers valuable insights and understanding into the behavior of composite materials to guide selection for a wide spectrum of applications.

Celebrating the Megascale: Proceedings of the Extraction and Processing Division Symposium on Pyrometallurgy in Honor of David G.C. Robertson

Editors: Phillip J. Mackey, Eric J. Grimsey, Rodney T. Jones, Geoffrey A. Brooks

Hardcover, 716 pages, US\$149.95

Features up-to-date reviews and technical papers on both operations and the latest research in all ferrous and non-ferrous metallurgical fields.

Characterization of Minerals, Metals, and Materials 2014

Editors: John S. Carpenter, Chenguang Bai, Jiann-Yang Hwang, Shadia Ikhmayies, Bowen Li, Sergio Neves Monteiro, Zhiwei Peng, Mingming Zhang

Hardcover, 682 pages, US\$149.95

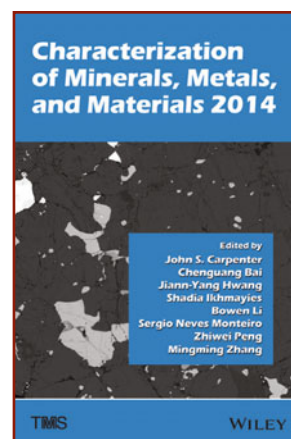
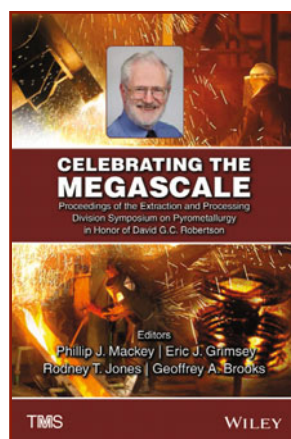
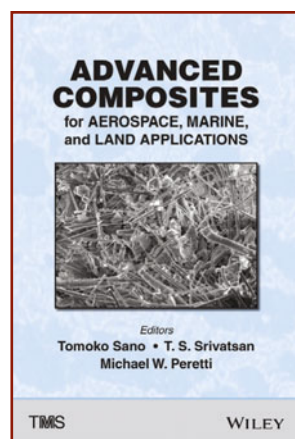
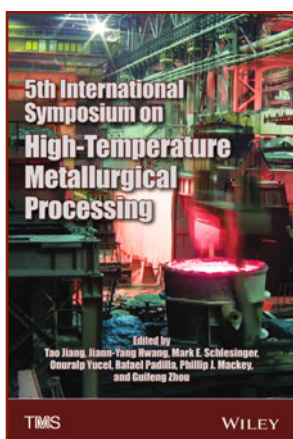
Encompasses the full set of characterization techniques used across length scales—from macro to atomic scale—and explores topics ranging from structural steels, to electronic materials, to plant-based composites.

Energy Technology 2014: Carbon Dioxide Management and Other Technologies

Editors: Cong Wang, Jan de Bakker, Cynthia K. Belt, Animesh Jha, Neale R. Neelameggham, Soobhankar Pati, Leon H. Prentice, Gabriella Tranell, Kyle S. Brinkman

Hardcover, 354 pages, US\$125

Showcases sustainable technologies with reduced energy consumption and environmental impact through focused scientific information and accessible resources.



EPD Congress 2014

Editors: James Yurko, Lifeng Zhang, Antoine Allanore, Cong Wang, Jeffrey S. Spangenberg, Randolph Kirchain, Jerome P. Downey, Lawrence D. May
Hardcover, 622 pages, US\$145

Compiles papers from one of the largest yearly gatherings of extraction specialists in the world, covering many aspects of extraction and processing metallurgy.

Light Metals 2014

Editor: John Grandfield
Hardcover, 1,508 pages, US\$275

Spotlights new research within the following topic areas: Alumina and Bauxite; Aluminum Alloys: Fabrication, Characterization and Applications; Aluminum Processing; Aluminum Reduction Technology; Cast Shop for Aluminum Production; Electrode Technology for Aluminum Production; and Light-metal Matrix (Nano)-Composites. The most widely recognized and authoritative source of information on new developments in aluminum production technology for more than 40 years.

Magnesium Technology 2014

Editors: Martyn L. Alderman, Michele V. Manuel, Norbert Hort, Neale R. Neelameggham

Hardcover, 556 pages, US\$175
 Explores a broad range of current topics, including alloys and their properties; cast products and processing; wrought products and processing; forming, joining, and machining; corrosion and surface finishing; ecology; and structural applications. Also covers well emerging technologies, such as hydrogen storage.

Rare Metal Technology 2014

Editors: Neale R. Neelameggham, Shafiq Alam, Harald Oosterhof, Animesh Jha, Shijie Wang

Hardcover, 228 pages, US\$99.95
 Focuses on new research and advancements in the extraction of rare metals, as well as rare extraction processing techniques, such as bio-leaching, molecular recognition technology, and recovery of valuable components of commodity metals. Designed for use throughout commodity metal production, irrespective of major metal, by highlighting cross-application among industries.

Shape Casting: 5th International Symposium 2014

Editors: Murat Tiryakioğlu, John Campbell, Glenn Byczynski

Hardcover, 324 pages, US\$125
 Provides the most timely update available on the science, engineering, and technology of shape castings, with particular emphasis on structure-property-performance relationships, modeling of casting processes, and the effect of casting defects on the mechanical properties of cast alloys.

TMS 2014 Annual Meeting Supplemental Proceedings

Hardcover, 1,220 pages, US\$195
 Presents papers from the 2014 TMS Annual Meeting and Exhibition, encompassing a wide range of topics of value to the minerals, metals, and materials communities, from basic research to industrial application.

