



TMS2016 Proceedings Volumes Available for Purchase

TMS content update

Look for news and updates on TMS journals, publications, and online resources, as well as opportunities for editors and authors, in this regular *JOM* feature.

TMS 2016 Annual Meeting & Exhibition (TMS2016) registrants have free, online access to the meeting's collected proceedings as a benefit of attending. If you couldn't make the meeting, you can still access all published papers by purchasing TMS2016 proceedings volumes, available through TMS's publishing partner, John Wiley & Sons, at www.wiley.com.

7th International Symposium on High-Temperature Metallurgical Processing

Editors: Jiann-Yang Hwang, Tao Jiang, P. Chris Pistorius, Gerardo R.F. Alvear F., Onuralp Yücel, Liyuan Cai, Baojun Zhao, Dean Gregurek, Varadarajan Seshadri

Highlights advancements in new high-temperature metallurgical technologies and their applications in such areas as minerals processing; metals extraction; preparation of metallic, refractory, and ceramic materials; and treatment and recycling of slags and wastes.

CFD Modeling and Simulation in Materials Processing 2016

Editors: Laurentiu Nastac, Lifeng Zhang, Brian G. Thomas, Miaoyong Zhu, Andreas Ludwig, Adrian S. Sabau, Hervé Combeau

Explores computational fluid dynamics (CFD) modeling and simulation of engineering processes, to include topics such as iron and steelmaking, microstructure evolution, casting with external field interaction, smelting, degassing, mechanical mixing, and ingot casting.

Characterization of Minerals, Metals, and Materials 2016

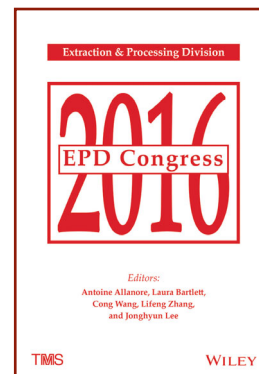
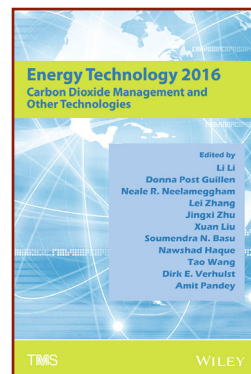
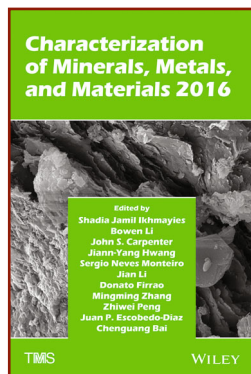
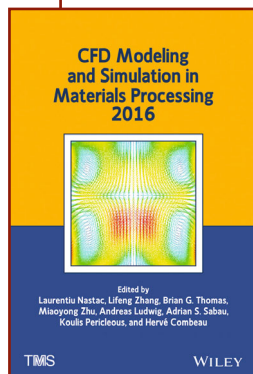
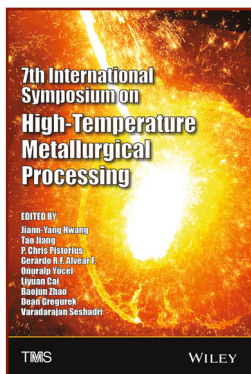
Editors: Shadia Jamil Ikhmayies, Bowen Li, John S. Carpenter, Jiann-Yang Hwang, Sergio Neves Monteiro, Jian Li, Donato Firrao, Mingming Zhang, Zhiwei Peng, Juan P. Escobedo-Diaz, Chenguang Bai

Provides broad and up-to-date results in the research and development of materials characterization and processing, encompassing minerals, metals, and materials characterization and developments in extraction to the fabrication and performance of materials.

Energy Technology 2016: Carbon Dioxide Management and Other Technologies

Editors: Li Li, Donna Post Guillen, Neale Neelameggham, Lei Zhang, Jingxi Zhu, Xuan Liu, Soumendra N. Basu, Nawshad Haque, Tao Wang, Dirk E. Verhulst, Amit Pandey

Addresses the issues, complexities, and challenges related to mass and energy flow in the chemical and process engineering industry by providing focused scientific information and accessible resources on sustainable technologies with reduced energy consumption and pollutants.



EPD Congress 2016

Editors: Antoine Allanore, Laura Bartlett, Cong Wang, Lifeng Zhang, Jonghyun Lee

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 2016

Editor: Edward Williams

Spotlights new research within the following topic areas: Alumina and Bauxite; Aluminum Alloys, Processing, and Characterization; Aluminum Reduction Technology; Cast Shop Technology; Electrode Technology; and Strip Casting. For more than 40 years *Light Metals* has been one of the most widely recognized and authoritative sources of information on new developments in aluminum production technology.

Magnesium Technology 2016

Editors: Alok Singh, Kiran Solanki, Michele V. Manuel, Neale R. Neelameggham

Summarizes research carried out globally on all aspects of magnesium, making this a “go to” volume for any literature search in the field of magnesium alloy development and application.

Rare Metal Technology 2016

Editors: Shafiq Alam, Hojong Kim, Neale R. Neelameggham, Takanari Ouchi, Harald Oosterhof

Examines new research and advancements in the extraction of rare metals, as well as rare extraction processing techniques used in metal production processing. Processing techniques covered include direct extraction process for rare earth element recovery, biosorption of precious metals, fluorination behavior of uranium and zirconium mixture of fuel debris treatment, and recovery of valuable components of commodity metals.

REWAS 2016

Editors: Randolph E. Kirchain, Bart Blanpain, Christina Meskers, Elsa Olivetti, Diran Apelian, John Howarter, Anne Kvithyld, Brajendra Mishra, Neale R. Neelameggham, Jeff Spangenberg

Explores the trends and drivers toward sustainability, as well as enabling materials technologies and evaluation tools.

Shape Casting: 6th International Symposium

Editors: Murat Tiryakioğlu, Mark Jolly, Glenn Byczynski

Offers the latest updates in the science, engineering, and technology of shape castings, addressing such topics as structure-property-performance relationships, modeling of casting processes, and the effect of casting defects on the mechanical properties of cast alloys.

TMS 2016 Supplemental Proceedings

Presents papers from the TMS 2016 Annual Meeting & Exhibition, encompassing a wide range of topics of value to the minerals, metals, and materials communities, from basic research to industrial application.

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