The Minerals, Metals, & Materials Society (TMS) is a professional society that connects minerals, metals, and materials scientists and engineers who work in industry, academia, and government positions around the world. TMS currently supports nearly 14,000 professional and student members on six continents.

JOM is the technical journal and member magazine of TMS. JOM consistently provides high-quality technical articles to its readers, representing all interest areas of the membership. See the 2020 Editorial Calendar on the next page or go to jom.tms.org for more information.

In 2018, JOM’s Impact Factor (IF) rose to 2.305, continuing its upward trend over recent years. Impact Factor is the average number of citations counted in a given IF year for articles published in the preceding two years. It is based on the number of citations of a journal’s content divided by the number of citable articles published by that journal.

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The *JOM* Editorial Calendar is assembled each year in consultation with recognized leaders in materials science and engineering, promising coverage of technologies and research avenues as diverse as TMS itself.

<table>
<thead>
<tr>
<th>Issue</th>
<th>Technical Topics</th>
</tr>
</thead>
</table>
| JANUARY | • Design, Development, Manufacturing, and Applications of Refractory Metals and Materials  
          • ICME-Based Design and Optimization of Materials for Additive Manufacturing  
          • Advanced Characterization and Testing of Irradiated Materials                     |
| FEBRUARY| • 7th European Conference on Renewable Energy Systems  
          • Cleaner Manufacturing of Critical Metals  
          • Mechanical Properties of Metastable Materials Containing Strong Disorder               |
| MARCH   | • Additive Manufacturing: Validation and Control  
          • Advanced Manufacturing for Biomaterials and Biological Materials  
          • Solid Freeform Fabrication 2019                                                  |
| APRIL   | • Aluminum and Magnesium: New Alloys and Applications  
          • Biologically Induced Corrosion  
          • Characterization of Advanced Biomaterials  
          • Hydrogen Effects on Material Performance                                            |
| MAY     | • Advancing Development and Application of Superalloys  
          • Biodegradable Materials for Medical Applications (Invited)  
          • Emerging Mechanisms for Enhanced Plasticity in Magnesium  
          • Heat Transfer Utilization in Pyrometallurgy  
          • In-Situ Characterization Techniques for Investigating Nuclear Materials         |
| JUNE    | • Advanced Characterization of Interfaces and Thin Films  
          • Dry Metal Shaping and Forming (Invited)  
          • Electrochemical Energy Conversion and Storage  
          • Metal and Polymer Matrix Composites  
          • Quantum Materials for Energy-Efficient Computing                                  |
| JULY    | • Characterization of Amorphous Materials  
          • Machine Learning Applications in Advanced Manufacturing Processes  
          • Recycling Silicon and Silicon Compounds  
          • Thermodynamic Modeling of Sustainable Non-Ferrous Metals Production            |

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</thead>
</table>
| AUGUST  | • Additive Manufacturing for Energy Applications (Invited)  
          • Additive Manufacturing: Beyond the Beam Technology (Invited)  
          • Advanced Processing and Additive Manufacturing of Functional Magnetic Materials  
          • Metastable Phases and Phase Equilibria                                              |
| SEPTEMBER | • Aluminum: Recycling and Carbon / Environmental Footprint  
            • High Temperature Processing of Complex Ores - By Invitation Only  
            • Materials Research in Reduced Gravity                                          |
| OCTOBER | • Electrometallurgical Processing  
          • Interfacial Stability in Multi-component Systems  
          • Practical Research in Processing Science  
          • Solidification Behavior in the Presence of External Fields                       |
| NOVEMBER| • Aluminum and Magnesium: Casting Technology and Solidification  
          • In Situ Synchrotron and Neutron Characterization of Additively Manufactured Alloys  
          • Nanomechanics of Low-dimensional Materials  
          • Process Design and Materials Development for High-Temperature Applications  
          • Silicon Production, Refining, Properties, and Photovoltaics (Invited)          |
| DECEMBER| • Advances in Surface Engineering  
          • Augmenting Physics-based Models in ICME with Machine Learning and Uncertainty Quantification  
          • Machine Learning and Other Emergent Paradigms in Computational Materials Research (Invited) |

Topic listing is current as of October 2019. Please note that topics are subject to change.

To view the current Editorial Calendar or learn more about topic scopes and organizers, visit [www.tms.org/EditorialCalendar](http://www.tms.org/EditorialCalendar).
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<th>3x Rate</th>
<th>6x Rate</th>
<th>12x Rate</th>
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</thead>
<tbody>
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<td>$2,475</td>
<td>$2,175</td>
<td>$1,975</td>
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<tr>
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<td>$925</td>
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<tr>
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  June 2–4, 2020, Youngstown, Ohio, USA
- **5th International Congress on 3D Materials Science (3DMS 2020)**
  June 28–July 1, 2020, Washington, D.C., USA
- **The 13th International Conference on the Technology of Plasticity (ICTP 2020)**
  July 26–31, 2020, Columbus, Ohio, USA
- **The 14th International Symposium on Superalloys (Superalloys 2020)**
  September 13–17, 2020, Seven Springs, Pennsylvania, USA
- **Materials Science & Technology 2020 Technical Meeting and Exhibition (MS&T20)**
  October 4–8, 2020, Pittsburgh, Pennsylvania, USA

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