

JOM 2020 EDITORIAL CALENDAR: More Options for Authors and Readers

Maureen Byko and Justin Scott



Maureen Byko



Justin Scott

The data is indisputable: more authors than ever are choosing *JOM* as their destination for publishing their work.

JOM announces its 2020 editorial calendar at a time of strong growth in submissions. The numbers have been climbing for several years and 2019 is on track to receive double the number of manuscripts for the volume year compared to 2017 (see Figure 1).

At the same time, author interest in citing *JOM* publications continues to rise, as illustrated by a steadily increasing Impact Factor in recent years. At press time for this issue, *JOM*'s Impact Factor was 2.145, a record high that attests to the hard work of the *JOM* advisors and guest editors in recent years.

Based on plans for 2020, these positive trends are likely to continue. Quality content representing a broad spectrum of minerals, metals and materials topics is again expected to be a hallmark of the upcoming volume year.

The new calendar features nearly 50 special topics to be published in 2020 and beyond. In keeping with *JOM*'s mission, this publishing plan represents the diverse interests of TMS's committees. In fact, in the next volume year, each of TMS's 34 committees—from Aluminum to Solidification to Thin Films and Interfaces—are represented as either a sponsor or co-sponsor of a special topic.

The full editorial calendar, along with information on upcoming deadlines and how to submit a manuscript, is available at www.tms.org/EditorialCalendar. To help authors find appropriate topics and ease the submission process, the website has been improved with input from authors, guest editors, and advisors prior to its recent debut in time for the *JOM* 2020 calendar. Authors can search the newly updated website by keyword, topic editor, publication deadline, and more. Each special topic's web page even has an option to save the topic deadline to one's

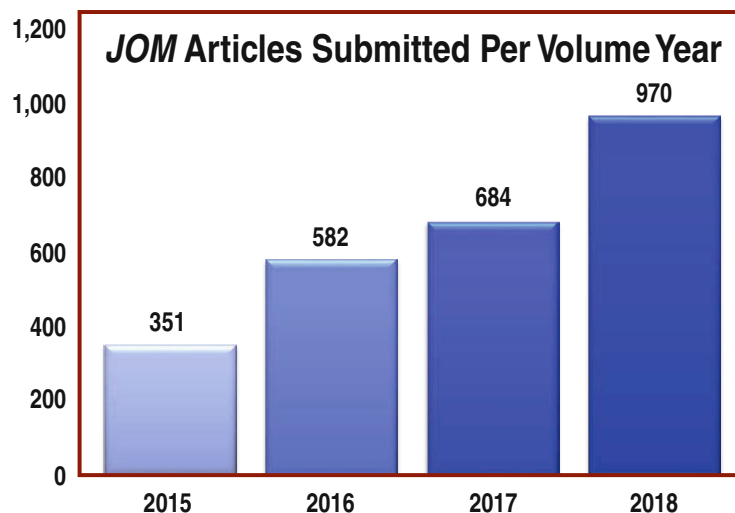


Figure 1. The number of articles submitted to *JOM* has been steadily climbing over the last several years, and is expected to continue growing throughout 2020.

JOM Editorial Calendar - Topic Details

Bauxite to Aluminum: Advances, Automation, and Alternative Processes

Manuscript Submission Deadline: August 01, 2019

Guest Editor: [David S. Wong](#)


Co-Guest Editors: [Hong Peng](#)

Sponsored By: [Aluminum, Hydrometallurgy and Electrometallurgy](#)

Publication Date: January 2020

Keywords: Aluminum; computer applications and process control; electrometallurgy; bauxite; hydrometallurgy; fundamentals

Scope: This topic covers all aspects of the primary aluminum production chain, including extraction and beneficiation of ores, alumina refining from bauxite and non-bauxite sources, electrode manufacturing and technologies, and aluminum electrolytic reduction. Papers invited are those that focus on advances, automation or alternative processes within the primary aluminum production chain.

Call for Papers:  [Download](#)

How to Submit a Manuscript

Please read the detailed [Instructions for Authors](#) and upload your manuscript at the [Editorial Manager](#) website for JOM. To ensure sufficient time for peer review, papers will not be accepted after the posted manuscript submission deadline. Original research papers should be 3,000-6,000 words with up to 8 figures maximum; review papers should be 6,000-10,000 words with up to 15 figures maximum.

Share this Topic

 [Share this topic via e-mail](#)


 [Save this topic's manuscript submission deadline to your e-mail calendar](#)

Figure 2. As displayed in this screenshot of a topic details page from the new JOM Editorial Calendar, the website includes new features that facilitate sharing the topic and setting reminders for topic deadlines. View the full calendar at www.tms.org/EditorialCalendar.

calendar so that you don't forget to submit a manuscript (Figure 2).

Coverage Highlights

Several committees and advisors have once again elected to feature papers on recent progress related to additive manufacturing. In the upcoming year, original research papers and reviews are being solicited in the following areas:

- Additive Manufacturing: Beyond the Beam Technology
- Additive Manufacturing: Validation and Control
- Advanced Processing and Additive Manufacturing of Functional Magnetic Materials
- Characterization of Additive Manufactured Materials
- ICME-Based Design and Optimization of Materials for Additive Manufacturing
- In Situ Synchrotron and Neutron Characterization of Additively Manufactured Alloys
- Solid Freeform Fabrication 2019

In addition, thorough coverage is planned for new developments and innovations across many established and emerging materials, including:

- Advancing Development and Application of Superalloys

- Aluminum and Magnesium: Casting Technology and Solidification
- Emerging Mechanisms for Enhanced Plasticity in Magnesium
- Graphene-based Composite Materials and Applications
- Quantum Materials for Energy-Efficient Computing

Many topics also welcome submissions focused on modeling and simulation, including:

- Advances in Surface Engineering
- Augmenting Physics-based Models in ICME with Machine Learning and Uncertainty Quantification
- Metal and Polymer Matrix Composites
- Thermodynamic Modeling of Sustainable Non-Ferrous Metals Production

For submission deadlines on these and other topics, visit the full editorial calendar at www.tms.org/EditorialCalendar. Manuscripts should be prepared according to the author instructions and can be uploaded to the Editorial Manager website at www.editorialmanager.com/JOMJ.

Any questions about publishing papers, developing special topics, or getting involved in JOM can be directed to JOM@tms.org.

Justin Scott
is the *JOM*
Principal
Editor.
Maureen Byko
is the *JOM*
Editor.

