

JOM Call for papers

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Manuscript Deadline: *February 1, 2018*

The Mechanical Behavior of Materials Committee is seeking papers on the topic of *Data-driven Material Investigations: Understanding Fatigue Behavior*

This *JOM* topic will describe state-of-the-art methods for collecting, mining, and/or analyzing data sets—both experimental and numerical—for which conventional fatigue analyses are unsuitable. The topic will provide a platform to highlight both the challenges and opportunities associated with the analysis of large and/or complex data sets and how researchers in the fatigue community are working to address these challenges through data-driven approaches.

Typical paper length is 5,000 to 6,500 words for review papers, and 2,400 to 4,000 words for original papers.

Detailed author instructions are available at:

<http://www.tms.org/AuthorTools/>

Keywords for this topic:

Characterization, computational materials science & engineering, experimental methods, ICME, modeling and simulation

Guest Editors for this *JOM* topic are Ashley Spear, Antonios Kontsos, Jean-Briac le Graverend, and Tongguang (Tony) Zhai:

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If you are interested in submitting a paper, upload your manuscript at <https://www.editorialmanager.com/jomj/>

Please note that all submissions will be subject to peer review. Submission does not guarantee acceptance.

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