

# JOM Call for papers

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**Manuscript Deadline:** *February 1, 2021*

## ***Machine Learning in Design, Synthesis, and Characterization of Composite Materials***

Machine learning methods are enabling unprecedented advances in the area of composite materials. These methods are versatile in handling a large number of parameters and are helping in developing novel materials structures and compositions for the given application requirements. This topic is intended to cover all aspects of application of machine learning methods to the field of composite materials, including design of microstructure, synthesis condition optimization, and evaluation of properties.

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.

Detailed author instructions are available at:  
<http://www.tms.org/AuthorTools/>

**Keywords for this topic:** **Advanced Materials; Composites; Computational Materials Science & Engineering; Mechanical Properties; Machine learning**

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**Committee Sponsor(s):** **Composite Materials**

If you are interested in submitting a paper, upload your manuscript at  
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