Call for papers

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Manuscript Deadline: July 1, 2021

Advances in Processing, Manufacturing, and Applications of Magnetic Materials

We welcome submission of papers on advances for synthesizing, processing, and characterization of magnetic materials including permanent and soft magnets, energy conversion, and multiferroic materials (such as magnetocaloric, magnetoelastic, magnetoelastic and magnetoresistive materials). Applications of interest include biological applications of magnetism; sensors and actuators; energy harvesting; motor-generators; transformers and inductors; and memory applications. Work on discovery, advanced manufacturing, processing and characterization techniques applied to the relevant magnetic materials and their applications, is strongly encouraged.

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: Additive Manufacturing; Advanced Materials; Energy Conversion and Storage; Magnetic Materials; Superconductivity

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Committee Sponsor(s): Magnetic Materials

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