

JOM Call for papers

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Manuscript Deadline: *June 1, 2020*

Nanomechanics of Low-dimensional Materials

Low-dimensional materials, such as nanoparticles, nanofibers, and nanotubes have at least one dimension small enough for their physical properties to lay somewhere between individual atoms and the bulk material. The dimensional constraints of these materials result in a large surface-area-to-volume ratio that allows free surface and nanoscale structural features to dominate their physical response to mechanical deformation. Papers are invited covering experimental fabrication, characterization and testing, and computational modeling of mechanical behaviors of low-dimensional materials.

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: *2D materials; nanofibers; nanotubes*

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Committee Sponsor(s): *Nanomaterials*

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

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

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