

JOM Call for papers

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Manuscript Deadline: *February 1, 2019*



The Nuclear Materials Committee is seeking papers on the topic of
Advanced Manufacturing for Nuclear Energy

To meet the demands for future nuclear energy, the nuclear industry is seeking new ways to manufacture equipment and components for plant construction, reactor internals, fuel claddings and assemblies, sensors, and instruments. These manufacturing innovations are expected to accelerate deployment schedules, reduce supply chain and cost, and improve the plant's reliability. Potential areas include additive manufacturing, advanced welding and cladding techniques, powder metallurgy, high performance concrete and rebar, surface modification, in-situ quality control, inspection, and advanced machining.

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, joining, manufacturing and markets, nuclear materials, powder technology

Guest Editors for the *JOM* topic are Xiaoyuan Lou and David Gandy:

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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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