

JOM Call for papers

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Manuscript Deadline: *February 1, 2018*

The Alloy Phases and Advanced Characterization, Testing, and Simulation committees are seeking papers on the topic of *Advanced Real Time Optical Imaging*

Real time observations can provide information about materials behaviors, free from artifacts induced from conventional techniques. Emerging optical imaging techniques such as confocal laser microscopy and the thermal imaging furnace are enhanced with capabilities of controlling temperatures, atmospheres, and stresses, and measuring thermodynamic and kinetic data in situ. Emerging optical observation techniques, which have been only separately reported in the past, will be assembled in this special topic.

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:

Alloy phases, characterization, iron and steel, molten metal and solidification, phase transformations, synthesis and processing, pyrometallurgy

Guest Editor for this *JOM* topic is Jinichiro Nakano:

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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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