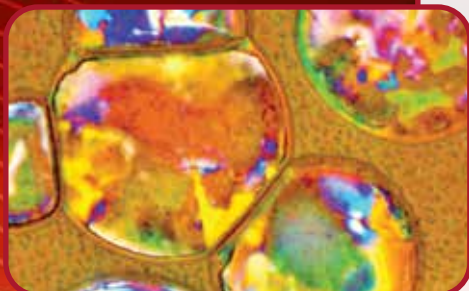


JOM Call for papers

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Publication Date: *June 2022*

Manuscript Deadline: *January 1, 2022*

New Frontiers in Physical Metallurgy of Steels

This topic seeks articles focusing on physical metallurgy of steels with novel alloying concepts including increased levels of elements such as Mn, Al, and Si. Novel microstructure concepts and processing strategies to manufacture high performance steels are encouraged. Research articles highlighting recent advances in experimental and modeling studies for multi-phase steel microstructure such as TRIP/TWIP effect and interface precipitation, as well as their industrial applications, are recommended.

Original research papers should be 3,000-9,000 words with up to 12 figures maximum; review papers should be 6,000-11,000 words with up to 20 figures maximum.

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

Keywords for this topic: **Advanced Processing; Experimental Methods; Iron and Steel; Modeling and Simulation; Phase Transformations; Physical metallurgy**

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Committee Sponsor(s): **Steels**

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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