

# JOM Call for papers

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**Deadline:** *December 1, 2017*

**The Materials Characterization and Steels committees are seeking papers on the topic of**  
***Characterization of Advanced High Strength Steels for Automobiles***

Advanced High Strength Steels (AHSSs) are increasingly used in the automotive industry to fabricate more lightweight yet robust car parts. These AHSSs exhibit excellent mechanical properties due to their peculiar microstructures. This special topic provides an overview of the microstructural and mechanical characterization of the most recent AHSSs for the automotive industry and future developments. Theoretical, experimental and simulation studies are welcome, in addition to coverage of characterizations after welding, thermal and mechanical treatments, and manufacturing processes.

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:**

**Additive processing, advanced materials, characterization, iron and steel, manufacturing and markets, mechanical properties, modeling and simulation, physical properties**

**Guest Editors for this JOM topic are Mingming Zhang and Louis Hector:**

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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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