



Creep and High Temperature Deformation of Steels and Alloys

Guest Editor:

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Message from the Guest Editor

The demands on materials at high temperatures are steadily increasing for economical and ecological reasons. Stable microstructure and chemical composition of the steels and alloys are the key factors determining their properties.

The development of new high-temperature materials requires optimization using understanding and feedback within the processing-microstructure-properties chain. As such, any theoretical and experimental research relating processing-microstructure and microstructure-properties is welcome in this Special Issue. New techniques in processing, microstructure characterization, and testing fit well within the scope of this Special Issue. Attention will also be paid to thermomechanical treatment and hot shaping as well as testing high temperature creep, fatigue, and fracture behavior on standard or sub-sized specimens composed from heat-resistant steels and alloys. Full papers, communications, and reviews are accepted.





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Message from the Editor-in-Chief

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