Special Issue

Superplasticity and Superplastic Forming

Message from the Guest Editor

This special issue is dedicated to latest findings on superplasticity and on superplastic forming. The coverage starts from new studies on the basic knowledge of the superplastic phenomenon in metal alloys and goes to the developments and enhancements of the forming process. New methodologies for the material characterization, for the design of the necessary tools, for the material constitutive modeling and for the numerical modeling of the process are also welcome. The goal is to collect a series of works that can summarize the latest trends in the field of superplasticity and superplastic forming. All experts, from material scientists to manufacturing technologists, are invited to contribute to delineating the future of both superplastic materials and the superplastic forming process by submitting their contribution.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2020)

Metals

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.3

mdpi.com/si/14822

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About the Journal

Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editor-in-Chief

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