

## Special Issue

# Mechanical Properties and Microstructure of Forged Steel

### Message from the Guest Editors

Forged steels represent a quite interesting material family, both from a scientific and commercial point of view, following many applications they can be devoted to. Based on this, it is essential to deeply understand the relations between properties and microstructure and how to drive them through processes. Despite their diffusion as a consolidated material, many research fields are active regarding new applications. At the same time, innovations are coming from the manufacturing process of such a family of materials, also including the possibility to manufacture them starting from metal powder for 3D printing. The Special Issue scope embraces interdisciplinary work covering physical metallurgy and processes, reporting on experimental and theoretical progress concerning microstructural evolution during processing, and microstructure-properties relations.

### Guest Editors

Prof. Dr. Andrea Di Schino

Dipartimento di Ingegneria, Università di Perugia, Via G. Duranti 93, 06125 Perugia, Italy

Prof. Dr. Koh-ichi Sugimoto

School of Science and Technology, Department of Mechanical Systems Engineering, Shinshu University, 4-17-1 Wakasato, Nagano 380-8553, Japan

### Deadline for manuscript submissions

closed (30 June 2021)



## Metals

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[metals@mdpi.com](mailto:metals@mdpi.com)

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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.

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### Editor-in-Chief

Prof. Dr. Yong Zhang

Beijing Advanced Innovation Center of Materials Genome Engineering,  
State Key Laboratory for Advanced Metals and Materials, University of  
Science and Technology Beijing, 30 Xueyuan Road, Beijing 100083,  
China

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