



Structure, Texture and Functional Properties of Shape Memory Alloys

Guest Editors:

Prof. Dr. Mikhail I. Petrzhik

National University of Science & Technology (MISIS), Moscow, Russian Federation

Dr. Elena P. Ryklina

Metal Forming Department, National University of Science & Technology (MISIS), Moscow, Russia

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Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue of *Metals* is to summarize our current understanding of the nature of shape memory alloys (SMAs) and the directions for tailoring their structure and functional properties, which have provided them with successful applications. Among them, we should mention the development of new technologies for processing SMAs to confer functional properties and structures, including melt quenching, additive technologies, thermomechanical treatment, and other technologies that allow us to obtain submicron- and nanoscaled structures and to develop porous and thermally stable alloys for various applications. Methods for diagnosing the functional properties of SMAs and the modeling of mechanical behavior are also suitable topics for this Special Issue.

Prof. Dr. Mikhail I. Petrzhik

Dr. Elena P. Ryklina

Guest Editors





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Prof. Dr. Hugo F. Lopez

Department of Materials Science and Engineering, College of Engineering & Applied Science, University of Wisconsin-Milwaukee, 3200 N. Cramer Street, Milwaukee, WI 53211, USA

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

Message from the Editorial Board

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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Contact Us

Metals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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