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Feature Papers in Crystallography and Applications of Metallic Materials (2nd Edition)

Guest Editor:

Prof. Dr. Joan-Josep Suñol

Department of Physics, Campus Montilivi s/n, University of Girona, 17003 Girona, Spain

Deadline for manuscript submissions: **30 April 2025**

Message from the Guest Editor

This Special Issue is the second edition. This edition will be devoted to research work on metallic materials (steels, Cobased, Ni-based, Al-based, Ti-based, Cu-based, Fe-based, and so on) and the study of their microstructure and properties, based on searching for relationships between structure, properties, and applications. Review papers are welcomed. Likewise, manuscripts that explore the influence of composition and/or processing, including thermal annealing, applied pressure or electromagnetic field, are expected. Moreover, in addition to fundamental studies, more complex experimental studies that take into account crystallization, anisotropy, texture, and/or crystallographic defects and theoretical studies (ab initio, modeling, simulation, etc.) are also sought.



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Editors-in-Chief

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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 metallurgical field the ranging from processing. and mechanical behavior. phase transitions microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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Metals Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/metals metals@mdpi.com X@Metals_MDPI