

Special Issue

Advances in Graphene Nanoplatelets Reinforced Metal Composite Materials

Message from the Guest Editors

We are excited to announce a call for research articles for a Special Issue focused on “Advances in Graphene Nanoplatelets Reinforced Metal Composite Materials”. Significant progress has been achieved in the development of these composites, with researchers successfully overcoming key challenges to attain desirable combinations of structural and mechanical properties. Despite the use of various synthesis techniques, a persistent challenge remains: the agglomeration of graphene nanoplatelets within the metal matrix. We invite researchers to contribute to this ongoing effort by sharing their findings, discussions, and perspectives in the upcoming Special Issue: *“Advances in Graphene Nanoplatelet-Reinforced Metal Composite Materials.”* Submissions are welcome on all aspects of this field, including composite fabrication methods, microstructural characterization, mechanical and functional properties, strengthening mechanisms, the role of carbides formed during processing, and computational modeling.

Guest Editors

Prof. Dr. Romyana L. Lazarova

Institute of Metal Science, Equipment and Technologies with Hydro- and Aerodynamics Centre “Acad. A. Balevski”, Bulgarian Academy of Sciences, Sofia, Bulgaria

Prof. Dr. Daniela Karashanova

Institute of Optical Materials and Technologies “Acad. Jordan Malinowski”, Bulgarian Academy of Sciences, Sofia, Bulgaria

Deadline for manuscript submissions

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Metals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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.

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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