Special Issue

Feature Papers in Metal Matrix Composites—2nd Edition

Message from the Guest Editor

Metal matrix composites have matured significantly over the last 50 years, with significant contributions from researchers around the world. Based on scientific understanding coupled with technological success, these materials have assisted in improving the performance and reliability of engineering structures. irrespective of the area of application. In view of refreshing these fundamentals for a larger community and young researchers and to highlight new developments, this Special Issue is launched, which will target both review and research papers. The papers that present a review of targeted areas of development will be most desirable. These areas can be related to (not limited to) the following: processing; microstructural aspects; physical, electrical, thermal, mechanical, and electrochemical properties; joining; machining; tribology; corrosion; and industrial applications.

Guest Editor

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Deadline for manuscript submissions

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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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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

