

Special Issue

Feature Paper Collection of "Advancements in Metal Additive Manufacturing"

Message from the Guest Editors

Additive manufacturing has gained worldwide interest and seen significant growth in recent years in the number of applications and revenues. Among the additive manufacturing processes, metal additive manufacturing is the most rapidly growing sector. This Special Issue aims to collect various advances in metal additive manufacturing processes, including, but not limited to, fusion-based processes such as laser powder bed fusion, directed energy deposition, electron beam melting, and binder jet printing; as well as non-fusion-based processes such as cold spray, friction stir additive manufacturing and ultrasonic additive manufacturing. Works examining novel applications, in-process monitoring and control, physics-based predictive modeling, data-driven approaches and novel system-level design and implementation are all welcome for this Special Issue. In addition, all submissions on additive manufacturing of multi-materials combining metals and non-metals will be favorably considered.

Guest Editors

Dr. Hany Hassanin

Prof. Dr. Leszek A. Dobrzanski

Prof. Dr. Yung C. Shin

Prof. Dr. Laichang Zhang

Deadline for manuscript submissions

closed (30 April 2024)



Metals

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 4.9



mdpi.com/si/148279

Metals

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metals@mdpi.com

[mdpi.com/journal/
metals](https://mdpi.com/journal/metals)





Metals

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 4.9



[mdpi.com/journal/
metals](https://mdpi.com/journal/metals)



About the Journal

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.

Editors-in-Chief

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) /
CiteScore - Q1 (Metals and Alloys)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 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 2024).