

Special Issue

Hybrid Metal Additive Manufacturing

Message from the Guest Editors

Hybrid manufacturing (HM) involves combinations of different technologies to overcome their individual limitations and benefit from their synergistic advantages. In the case of hybrid additive manufacturing (HAM), the aim is to overcome the inherent drawbacks of additive manufacturing (AM) related to low productivity, metallurgical defects, rough surface quality, and the lack of dimensional accuracy through integration with conventional manufacturing technologies. HAM can also be seen as a strategy for fostering flexibility and reducing material waste. Under these circumstances, the aim and objectives of this Special Issue are focused on recent advances in hybrid metal additive manufacturing (HMAM), covering new processing routes, materials, equipment, and applications. Experimental and numerical investigations covering fundamental topics of HMAM are also welcome.

Guest Editors

Dr. Carlos M. A. Silva

Dr. Ivo Manuel Ferreira de Bragança

Dr. João P. M. Pragana

Deadline for manuscript submissions

closed (25 May 2024)



Metals

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/139493

Metals
Editorial Office
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 2.5
CiteScore 5.3



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



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei
Compendex, CAPus / 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 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).