

Special Issue

Additive Manufacturing Processes in Metals

Message from the Guest Editor

Additive manufacturing (AM) has the potential to revolutionize the way of traditional manufacturing design and technologies. The manufacturing envelope can be micron to meter-scale and can take days or even weeks to print. For this technology to be adopted for manufacturing of critical structural components, tight control of process parameters, part properties, and performance is required for various AM processes (e.g., laser, electron beam, arc, binder jetting). Although there are extensive advances in the welding and metal AM community, challenges still hinder the wide adoption of this technology to aerospace or automotive or other industries. This Special Issue of *Metals* focuses on advanced research activities in metal additive manufacturing processes. Your contribution to this Special Issue is highly valued for readers from academia, industry, and other research organizations.

Guest Editor

Dr. Yousub Lee
Oak Ridge National Laboratory, Oak Ridge, TN 37830, USA

Deadline for manuscript submissions

closed (30 November 2021)



Metals

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/64948

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, CAPlus / 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 18.7 days after
submission; acceptance to publication is undertaken in 2.7
days (median values for papers published in this journal in
the second half of 2025).