

Special Issue

Editorial Board Members' Collection Series: Additive Manufacturing Technology

Message from the Guest Editors

A wide range of developing technologies for manufacturing parts, including selective laser or electron beam alloying of powders, direct energy deposition, wire electron beam, electric arc technologies, etc., allow for obtaining parts with different accuracy, productivity, structure, properties, or dimensions. Analysis of the current state of research in the field of additive technologies for manufacturing products from metals and alloys shows that specific conditions of non-stationary metallurgical processes are formed, which are not typical for traditional technologies and lead to the formation of material structure and properties different from those formed by other production methods. In this Special Issue, we expect articles presenting the results of studies of the structure organization and forming of mechanical properties in metals and alloys obtained using the methods of various additive technologies. A special interest of the Issue is the problems related to the production of products using methods of high-performance additive manufacturing.

Guest Editors

Prof. Dr. Evgeny A. Kolubaev

Institute of Strength Physics and Materials Science, Siberian Branch of Russian Academy of Sciences, 634055 Tomsk, Russian

Dr. Carlo Alberto Biffi

National Research Council, Institute of Condensed Matter Chemistry and Technologies for Energy, Via G. Previati 1E, 23900 Lecco, Italy

Deadline for manuscript submissions

closed (20 September 2024)



Metals

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 4.9



mdpi.com/si/170789

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 17.8 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 2024).