

Special Issue

Modern Non-destructive Testing for Metallic Materials

Message from the Guest Editors

We are writing to you to invite you to participate in a Special Issue of *Metals* entitled *Modern Non-Destructive Testing for Metallic Materials*. As editors, we are interested in the most recent developments and discoveries in the field of non-destructive testing methods. These may include new microscopic techniques, the latest improvements in X-ray and ultrasonic 3D-imaging, as well as acoustic, electromagnetic, and thermal inspection methods. All contributions on the latest testing or material characterization methods should focus on metallic materials, at least as their main application. In addition, we intend to cover the full range of spatial resolutions from microns down to the nanometer scale. Our objectives are the detection of defects and imperfections, as well as explanations of structure–property relationships, in order to characterize materials’ behavior. We appreciate your particular expertise in one or more of the fields mentioned above. Therefore, we would like you to consider contributing to this Special Issue. Your manuscript will be very welcome and proofread by distinguished experts in the field of non-destructive testing.

Guest Editors

Prof. Dr. Bernd Valeske
Dr. Theobald Fuchs
Dr. Ralf Tschuncky

Deadline for manuscript submissions

closed (31 October 2024)



Metals

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/101161

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).