



Advanced Studies in Metal Joining

Guest Editor:

Prof. Dr. Huihuan Ma

School of Civil Engineering, Sun
Yat-sen University, Guangzhou
510120, China

Deadline for manuscript
submissions:

closed (31 July 2023)

Message from the Guest Editor

Dear Colleagues,

The joint system is the key part of steel and aluminum constructions. The performance of the joint system is one of the crucial factors affecting the safety of the whole structure. With the development of science and technology, the materials that make up these joints and the production modes of these joint are changing fast. Meanwhile, new analysis methods for joint systems have been proposed, and tests for studying joint performance are widely carried out. We present this Special Issue entitled "Advanced Studies in Metal Joining". The purpose of this Special Issue is to collate information about new materials used for joints, new production methods of these joints (such as 3D printing technology), and new analysis methods or testing technologies to assess joint performance.

Dr. Huihuan Ma
Guest Editor





an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Metallurgy and Metallurgical Engineering*) / CiteScore - Q1 (Metals and Alloys)

Contact Us

Metals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/metals
metals@mdpi.com
[X@Metals_MDPI](https://twitter.com/Metals_MDPI)