# Special Issue

## Science, Characterization and Technology of Joining and Welding

### Message from the Guest Editor

Joining, i.e., welding, is an essential requirement in manufacturing and assembly processes and is classified as a secondary manufacturing process. This Special Issue of Metals invites technical and review papers on, but not limited to, different aspects of joining and welding, including welding technologies (i.e., fusion based welding and solid-state welding), characterization, metallurgy and materials science, quality control, design and numerical simulation. This Special Issue also includes the joining of different materials, including metal and non-metals (polymers and composites). Papers on other methods of joining, other than welding, including soldering, brazing, adhesive bonding, accumulative roll bonding, etc., are also welcomed in this Special Issue.

### Guest Editor

Prof. Meysam Haghshenas

Department of Mechanical Engineering, College of Engineering and Mine, University of North Dakota, Grand Forks, North Dakota, USA

### Deadline for manuscript submissions

closed (31 December 2018)

**Metals**

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**Impact Factor 2.5**
**CiteScore 5.3**

mdpi.com/si/12578

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# 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
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## 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 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).

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