



metals



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Science, Characterization and Technology of Joining and Welding

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)

Message from the Guest Editor

Dear Colleagues,

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.

Prof. Meysam Haghshenas
Guest Editor



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Special Issue



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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.

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Contact Us

Metals Editorial Office
MDPI, St. Alban-Anlage 26
4052 Basel, Switzerland

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