

## Special Issue

# New Welding Materials and Green Joint Technology—2nd Edition

### Message from the Guest Editor

Welding technology, one of the important processes in material engineering, has been widely used in such industrial sectors as aeronautics, astronautics, energy, transportation, chemical industry, weapons, electronics, and various metal structures. With the constant development of technologies and new materials, great achievements have been made in welding science and technology. New materials and electronic, computer and robotic technologies have been developed, and they provide new opportunities for us to further probe welding technology. However, new materials, components, and devices have higher requirements in welding processes and welding materials. These requirements can promote the innovation of traditional technologies in connecting new or special materials and dissimilar material components the reliability detection and life evaluation of complex welding products, and advance the development of new welding processes and green connection technologies. This Special Issue welcomes research on innovative green welding materials, new welding processes, and solder processing methods. Studies on additive manufacturing are also within the scope of this Issue.

### Guest Editor

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### Deadline for manuscript submissions

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## 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.

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