

Special Issue

Advanced Studies in Metal Joining

Message from the Guest Editor

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.

Guest Editor

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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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