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Technology of Welding and Joining

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Welding technology is constantly improving. New welding processes and welding methods are emerging. For example, the use of micro-jet cooling in the welding of various grades of steel and aluminum alloys has recently been observed. New welding processes allow the structure of the joint to be controlled and thus have an impact on the material properties. New types of materials are emerging for which the most appropriate welding technologies have not yet been developed. With a view to new welding products, we offer this Special Issue entitled "Technology of Welding and Joining". The purpose of this Special Issue is to organize information about new construction materials and the possibility of their correct welding, taking into account existing welding technologies and new ones.

Prof. Dr. Tomasz Węgrzyn
Guest Editor

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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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