

Special Issue

Technology of Welding and Joining 2021

Message from the Guest Editors

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 2021". 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.

Guest Editors

Prof. Dr. Tomasz Węgrzyn

Department of Road Transport, Faculty of Transport and Aviation Engineering, Silesian University of Technology, 40-019 Katowice, Poland

Prof. Dr. Bożena Szczucka-Lasota

Department of Road Transport, Faculty of Transport and Aviation Engineering, Silesian University of Technology, Krasińskiego 8, 40-019 Katowice, Poland

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4052 Basel, Switzerland
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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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Prof. Dr. Hugo F. Lopez

Department of Materials Science and Engineering, College of Engineering & Applied Science, University of Wisconsin-Milwaukee, 3200 N. Cramer Street, Milwaukee, WI 53211, USA

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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

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