



## Technology of Welding and Joining 2021

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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### Message from the Guest Editors

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 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.

Prof. Dr. Tomasz Węgrzyn

Prof. Dr. Bożena Szczucka-Lasota

*Guest Editors*





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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

### 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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Metals Editorial Office  
MDPI, Grosspeteranlage 5  
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