

Special Issue

Advanced Welding and Additive Manufacturing Processes of Metallic Materials

Message from the Guest Editors

This Special Issue on “Advanced Welding and Additive Manufacturing Processes of Metallic Materials” seeks high quality works that focus on the latest advanced welding and additive manufacturing processes of metallic materials. Topics include, but are not limited to, the following:

- Advanced welding / additive manufacturing technologies;
- Welding / additive manufacturing of metallic materials;
- Microstructure characterization and formation mechanism;
- Microstructure–mechanical property relationships;
- Ductile and fatigue damage mechanism;
- Numerical modeling of physical or metallurgical behaviors;
- Destructive/non-destructive characterization;
- Intelligent process monitoring, quality prediction, and control;
- Post welding / additive manufacturing treatment technology;
- Future perspectives for welding and additive manufacturing.

Guest Editors

Dr. Yixun Wang

Dr. Qian Wang

Dr. Qiudong Wang

Deadline for manuscript submissions

closed (20 July 2025)



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Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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