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Advances and Implementation of Welding and Additive Manufacturing

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Deadline for manuscript submissions:

closed (10 June 2025)

Message from the Guest Editors

This special issue on “Advances and implementation of welding and additive manufacturing” seeks high-quality works focusing on exploring cutting-edge developments and practical applications in the fields of welding and additive manufacturing. As technological advancements continue to reshape these industries, the “Processes” journal invites contributions that delve into the latest breakthroughs, methodologies, and real-world implementations.

Topics include, but are not limited to:

- Optimization and implementation of welding and additive manufacturing
- Cutting-edge development of new welding and additive manufacturing
- Hybrid welding and additive manufacturing
- Digital Twins and Simulation in Welding and Additive Manufacturing
- Machine learning, industry 4.0; digitalization; internet of things (IoT)
- Critical implementation of newly developed processes and materials
- Innovation and Technological Advancements
- Automation and Robotics in Welding
- In-Process Monitoring and Control in Additive Manufacturing



mdpi.com/si/201307

Special Issue



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Message from the Editor-in-Chief

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