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Advances in Welding Process and Materials

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closed (20 August 2023)

Message from the Guest Editors

Dear colleagues,

Welding and joining these new materials present a major challenge to engineers and technicians involved in product design and manufacturing. Therefore, new materials research should be conducted hand in hand with work on weldability and joining capacity aspects, as well as the development of new welding techniques.

The aim of this Special Issue is to provide a platform for researchers from all over the world to present their research results and development activities in the field of welding and joining of both advanced and conventional engineering materials.

In this Special Issue, research areas may include (but are not limited to) the following:

- New joining technologies.
- Quality of welded joints and welded structures.
- Modeling and simulation of welding processes.
- Specific problems in advanced materials joining.
- Mechanical and structural characterization of advanced materials and joints.
- Engineering applications of surface coatings.
- Damage to metal and non-metal structures.

Dr. Cosmin Codrean Dr. Anamaria Feier Dr. Carmen Opriș Guest Editors













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Message from the Editor-in-Chief

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