

Special Issue

Friction Stir Welding Prospective on Light-Alloys Joints

Message from the Guest Editor

This Special Issue of *Metals*, entitled “Friction Stir Welding Prospective on Light-Alloys Joints”, focuses on a relatively new but mostly promising non-conventional welding technique, which is growing quite quickly among available manufacturing techniques for joining either similar or dissimilar metallic materials.

The present Issue aims to present the newest achievements, the latest findings, and the state-of-the-art of FSW applied to light alloys, which constitutes its most promising and worldwide application field. The contributions of this Special Issue will focus on the most meaningful and promising settings and procedures of FSW applied to both similar and dissimilar light alloys, in terms of technology and manufacturing. In particular, this volume intends to show the potential of the FSW technique.

Guest Editor

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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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