



Friction Stir Welding and Processing of Alloys

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Deadline for manuscript
submissions:

closed (31 July 2023)

Message from the Guest Editors

Dear Colleagues,

We would like to invite you to contribute to this Special Issue of *Lubricants* entitled *Friction Stir Welding and Processing of Alloys*. Friction stir welding (FSW) and processing (FSP) has gained increasing interest and importance since their invention almost two decades ago.

This Special Issue aims to bring together recent scientific advancements and innovations in the field of FSW and FSP with an emphasis on manufacturing and materials processing. The desired topics of contributions include, but are not limited to:

- Friction stir welding and its variants such as friction stir spot welding (FSSW), refill FSSW, etc.;
- Friction stir processing and its variants such as friction stir alloying (FSA), friction stir extrusion (FSE), etc.;
- Friction stir additive manufacturing;
- Characterization of microstructure and mechanical properties;
- Surface properties such as surface hardness, wear, corrosion, etc.;
- Quality inspection;
- Equipment and tooling;
- Process monitoring, control, and automation;
- Modeling and simulation;
- Manufacturing applications.

