



Advanced Manufacturing and Joining Technologies of Aluminum and Steel Sheets

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 November 2021)

Message from the Guest Editor

This Special Issue aims at collecting contributions about advanced manufacturing and joining technologies used to fabricate aluminum and steel sheet parts in industry (e.g., automotive, aerospace, energy industry) through high-quality manuscripts able to point out the scientific and technical advances in these fields. Contributions can include but are not limited to:

- Advanced manufacturing processes;
- Friction stir welding, friction stir spot welding, laser welding, hybrid welding, explosive welding, ultrasonic welding, mechanical riveting and clinching and other innovative joining technologies;
- Gas forming, hydroforming, incremental forming, laser forming and other innovative forming techniques;
- Optimization of traditional manufacturing and joining processes;
- Monitoring and control of advanced manufacturing and joining processes;
- Numerical simulation of manufacturing and joining processes;
- Development of innovative tools and equipment;
- Mechanical and microstructural characterization of parts and joints;
- Heat and surface treatments of aluminum and steel sheets.





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Journal Rank: JCR - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Message from the Editor-in-Chief

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