

## Special Issue

# Laser Intelligent Welding and Quality Assessment

### Message from the Guest Editor

The laser welding is increasingly used in a variety of industries, e.g., rail transportation, automotive, marine, power plants, biomedical micro-electro-mechanical systems (MEMS), BioMEMS devices, etc. This Special Issue is focused on the challenges and opportunities faced by laser intelligent welding and quality assessment. Better understanding of the intelligent algorithms and quality assessment methodologies used in the laser welding is of great significance for achieving the welding process with high quality. Multi-disciplinary discussion and debate about the welding intelligent algorithms, welding process, welding quality assessment methodologies and welded joints performance are encouraged. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: Laser welding; Welding intelligent algorithms; Welding modeling; Welded joints performance. I look forward to receiving your contributions.

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### Guest Editor

Dr. Yuewei Ai  
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### Deadline for manuscript submissions

closed (10 October 2022)



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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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## Editor-in-Chief

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