

## Special Issue

# Advanced Laser Welding Technology of Metallic Materials

### Message from the Guest Editor

Laser welding is a cutting-edge technology that utilizes a laser beam to join metallic materials. This technique offers numerous advantages, including high precision, reduced heat input, and minimal distortion. The importance of advanced laser welding lies in its ability to enhance the quality and performance of welded joints, making it crucial in various industries such as automotive, aerospace, and electronics. Submissions are invited on topics such as novel laser welding methods, laser-material interactions, microstructure evolution, and mechanical performance of welded joints. Article types can include original research papers, review articles, and short communications. The aim of this Special Issue is to bring together the latest research and developments in advanced laser welding technology of metallic materials. It focuses on exploring the fundamental principles, innovative processes, and applications of this technology, which is in line with the journal's scope. We look forward to receiving your contributions.

### Guest Editor

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### Deadline for manuscript submissions

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## Materials

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### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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