Special Issue

Advances in Laser-Assisted Manufacturing Techniques

Message from the Guest Editors

This Special Issue aims to showcase cutting-edge research and developments in laser-assisted manufacturing. Emphasizing precision and efficiency, this collection will cover a range of topics, including laser cutting, welding, drilling, surface treatment, and additive manufacturing. For this Special Issue, researchers are requested to submit their research work on innovative applications, novel techniques, and the integration of laser technology with other advanced manufacturing processes. The goal is to highlight how laser technology is revolutionizing manufacturing, enhancing product quality, and driving industrial innovation. Suitable topics for this Special Issue include, but are not limited to, the following:

- Laser-based additive manufacturing;
- Laser cladding;
- Laser cutting;
- Laser surface treatment;
- Laser welding;
- Laser surface treatment;
- Laser-based directed energy deposition (DED);
- Laser-based powder bed fusion (PBF);
- Laser-based powder bed sintering (PBS).

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Journal of Manufacturing and Materials Processing (*JMMP*)(ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP.*

Editor-in-Chief

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