# Special Issue

# Laser-Based Manufacturing II

## Message from the Guest Editors

Laser-based manufacturing is currently applied in many different industries to process different kinds of materials, from ceramics to polymers, even up to metals. Advances in laser technology have allowed for the laser processing of virtually any material with unprecedented precision and efficiency. In addition, laser technology has opened the door to previously non-existent processes (mainly for the processing of materials at the micro- and nano-scale). This Special Issue on "Laser-Based Manufacturing" welcomes contributions addressing novel applications of laser technology for manufacturing purposes. Conventional applications of lasers, such as in laser cutting, welding, drilling, surface treatment, etc., up to more innovative applications, such as laser-based micro- and nano-manufacturing, are addressed in this Special Issue. Suitable topics include, but are not limited to:

- Laser cutting;
- Laser welding;
- Laser drilling;
- Laser cladding;
- Laser hardening;
- Laser alloying;
- Laser texturing;
- Laser-shock peening;
- Laser-based additive manufacturing;
- Laser micro-manufacturing;
- Laser nano-manufacturing.

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## Deadline for manuscript submissions

closed (1 April 2024)

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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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