



Laser Applications in Manufacturing

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to publish recent important developments related to laser applications in manufacturing. Topics covered in this Special Issue include but are not limited to: (1) advanced materials processing using lasers, (2) laser-assisted additive manufacturing such as directed energy deposition and selective laser melting, (3) surface treatment using lasers, (4) laser welding, (5) machining using lasers, (6) novel application demonstration of lasers, (7) multiple lasers for superior properties, (8) lasers for hybrid manufacturing, and (9) numerical modeling of lasers in manufacturing and materials processing.

As a very efficient energy source, we have seen rapidly growing applications of lasers. This Special Issue endeavors to highlight new findings in this area and thus promote the development of related technologies.

Dr. Xinchang Zhang

Guest Editor





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Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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