Special Issue

Advanced Laser Machining Technology

Message from the Guest Editor

Laser machining has been regarded as an ideal method for cutting difficult-to-machine materials or fabricating micro/nanostructures with specific shapes and performances. However, the current knowledge of the interaction of the mechanism of lasers and materials is still quite limited. Some phenomena or conclusions need to be elucidated or verified by new models or experiments. New methods need to be provided to resolve or improve the many existing processing problems, such as different kinds of ablation defects.

This Special Issue aims to collect the innovative work of laser machining and corresponding applications to highlight the current and future developments in the field. Both original research and review articles summarizing the state of the art of theoretical or experimental work concerning advanced laser machining technology are welcome. Topics of particular interest include, but are not limited to, the use of numerical modeling to optimize processing performance or novel experimental methods, or the application of laser machining on new materials or in new fields.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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