Special Issue

Frontiers in Laser Material Processing

Message from the Guest Editors

The laser has established itself as a peerless tool attracting vivid attention, key enabling numerous applications. It is almost impossible to imagine the modern life without lasers and their significance in improving the quality of living. However, many aspects of laser-material interactions are still not fully understood, leading to challenges in maintaining the integrity of laser production processes. This is essential in technological applications such as laser additive manufacturing, laser cutting, drilling, hardening, welding, micro- and nanostructuring as well as various diagnostics such as spectroscopy. In addition, the understanding of laser-matter interactions enables deterministic microprocessing in medical applications such as in laser surgery, cancer treatment by photothermal therapy, ophthalmology, as well as imaging. In this Special Issue, we invite contributions (research articles or reviews) exploring the underlying mechanisms of laser manufacturing for the generation of future and industrial materials. Submissions related to laser processing in medical implementations are also welcome.

Guest Editors

Dr. Aida Naghilou

Division of Plastic and Reconstructive Surgery, Medical University of Vienna, Vienna, Austria

Prof. Dr. Wolfgang Kautek

Department of Physical Chemistry, University of Vienna, Währinger Strasse 42, 1090 Wien, Austria

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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