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Current Technologies in Laser Fabrication

Guest Editor:

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closed (31 January 2024)

Message from the Guest Editor

Dear Colleagues,

Recently, lasers have revolutionized the manufacturing methods of almost any conventional and novel material, i.e., from metals to glass and crystals, as a result of the wide variety of laser sources made available in recent years in terms of average power, pulse duration, repetition rate. Their flexibility has allowed them to stand out as one of the most powerful tools in several industrial application fields.

This Special Issue will cover a wide range of current laser technologies for fabrication, from the application of high-power lasers in welding, cutting and additive manufacturing/3D printing, to high-precision micro- and nano-fabrication using ultrafast lasers for disparate applications, e.g., photovoltaics, microfluidics, biomedicine, friction reduction, water harvesting, and anti-icing, among others.

Dr. Caterina Gaudiuso
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.

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