Special Issue

Advances in Laser Assisted Processing and Manufacturing

Message from the Guest Editor

Laser has been proven to be an effective tool in various fields of engineering and of science. Nevertheless, the application of laser in combination with other technologies is still relatively limited in both parallel and in serial usage. With this Special Issue, we intend to foster basic and applied research in the field of cooperative technologies of whatsoever type, one of them being always the laser. We sincerely believe that the almost endless combination of technologies which can be coupled with lasers might have important spill-over effects on basic and applied research. We foresee several contributions from the engineering, medicine, biology, and physics fields, but other fields of research will also be welcome. All kinds of papers will be considered for publication, spanning from theoretical approaches, to numerical simulation, to applications in real cases, with special emphasis to processing and manufacturing of new materials and components as well as the development of special devices based on the combined use of laser and physical/chemical/other agents.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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