



## Advances in Laser Surface Modification of Materials

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submissions:

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### Message from the Guest Editors

This Special Issue provides an opportunity to explore advances in the field of laser surface modification of materials and to boost scientific knowledge and progress. In this Special Issue, we welcome high-quality reviews, articles and short communications, whose topics include, but are not limited to, the following:

- Fundamentals of laser–material interactions.
- Influence of laser parameters/strategy on the material’s surface.
- Recent developments in laser surface modification related to different techniques, such as laser surface texturing, laser shock peening, laser hardening, laser ablation, laser polishing, laser surface melting, laser surface alloying, laser cladding, etc.
- Novel approaches/technologies for modifying the surface and properties of materials.
- Surface integrity evaluation after laser surface modification.
- Architectural design of innovative solutions through laser surface modification.
- Advanced manufacturing strategies.
- Hybrid manufacturing using laser technologies.





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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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