



Advances in Additive Manufacturing and Laser Processing

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Message from the Guest Editors

Dear Colleagues,

In recent decades, lasers have shown superior capabilities in materials processing. This Special Issue of *Applied Sciences* on "Advances in Additive Manufacturing and Laser Processing" aims to present the latest research on advanced laser materials processing technologies, especially on laser processing related to AM processes. Contributions to the roles of laser parameters in the laser-based AM processes, laser post-processing of AM surfaces, and other related technology for improving the properties of AM parts are in the scope of this Special Issue. The characterization of AM parts to reveal their metallurgical structures, damage, and changes in mechanical and chemical properties is also invited. Novel findings and applications of this topic include, but are not limited to, laser powder bed fusion, selective laser sintering, direct laser deposition, laser cladding, and modification of AM surfaces. Recent advances in additive manufacturing processes performed by other high-energy beam techniques, as well as recent advances in other advanced laser materials processing technologies, are also welcome.





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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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