# Special Issue

# Recent Advances and Applications of Laser-Based Additive Manufacturing

## Message from the Guest Editors

Laser additive manufacturing is one of the most popular new technologies in the manufacturing field. This is because it permits the generation of metallic complex structures, as well as the creation of new alloys and super isotropic alloys with new properties. The possibility of designing metallic structures and properties has caught the attention of several industrial sectors such as biomedicine, construction, power, automotive, aerospace, and microelectronics. Various methods to carry out laser additive manufacturing currently exist, each with their own advantages and disadvantages. All methods, however, possess high reproducibility, automatization, precision, and environmental friendliness. New laser additive manufacturing methods are also in development. This Special Issue will focus on specimens fabricated with laser additive manufacturing methods. Subjects of interest include new laser additive manufacturing methods, the production of new alloys, and structure fabrication with traditional methods. Additionally, the evaluation and assessment of the chemical, physical, and mechanical properties of these new samples will be covered by this Special issue.

## Guest Editors

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## Deadline for manuscript submissions

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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

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