



Multi-Material Additive Manufacturing

Guest Editor:

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Message from the Guest Editor

This Special Issue intends to contribute to the scientific community, presenting the most relevant advances in developing, processing, characterizing, and simulating the materials and processes for multi-material additive manufacturing. Proposed topics, including, but not limited to, the following are encouraged:

Deadline for manuscript
submissions:
closed (25 December 2022)

- Polymer composites and blends for multi-material additive manufacturing;
- Continuous fiber reinforcement in additive manufacturing;
- Direct and indirect additive manufacturing methods for multi-material fabrication;
- Metal-polymer, metal-ceramic, ceramic-polymer additive manufacturing processes;
- Simulation and experimental validation of multi-material additive manufacturing processes;
- Simulation and experimental validation of the performance of multi-material specimens;
- Applications of multi-material structures for 4D printing, soft robotics, electronics, manufacturing and medicine;
- Hybrid manufacturing methods for multi-material fabrication;
- Post-processing methods to improve the performance of multi-material specimens.





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Editor-in-Chief

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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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