

Special Issue

Additive Manufacturing: Latest Advances and Prospects

Message from the Guest Editors

Additive manufacturing (AM) has rapidly evolved into a key manufacturing technology capable of producing complex geometries, multifunctional structures, and highly tailored material systems. Advances in processing techniques, materials development, and characterization methods are continuously expanding the capabilities of AM and enabling applications across diverse sectors such as aerospace, biomedical engineering, energy, and advanced manufacturing. This Special Issue aims to highlight recent scientific and technological developments in AM and to explore directions that are shaping the future of the field. We welcome original research articles and review papers addressing both fundamental and applied aspects of AM technologies. Contributions focusing on novel materials, innovative processing strategies, advanced characterization methods, modelling approaches, and industrial applications are particularly encouraged.

- additive manufacturing
- metal additive manufacturing
- polymer additive manufacturing
- multimaterial additive manufacturing
- additive manufacturing modelling
- advanced characterization
- sustainable manufacturing
- 4D additive manufacturing
- metamaterials AM

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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.

Editor-in-Chief

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