Special Issue

3D Printing Technologies and Additive Manufacturing: Recent Advances and Applications

Message from the Guest Editors

Additive manufacturing (AM) is a computer-aided fabrication technology that allows the creation of a physical object from a digital model. It is the opposite of conventional, i.e., subtractive manufacturing as it relies on adding successive layers of material to build parts of any geometric shape. AM offers several advantages over traditional manufacturing. These include higher design flexibility and simplified fabrication, alongside reduced material usage and waste, for example. Today, AM has created a paradigm shift across several sectors of industry and academic research, enabling the design of more sustainable engineering components and products. Examples comprise, but are not limited to, weight-saving parts for the aerospace and automotive industry, patient-specific medical implants and new-to-market energy storage devices.

Guest Editors

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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.

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