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Additive Manufacturing and System: From Methods to Applications

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Message from the Guest Editors

Dear Colleagues,

Additive manufacturing (AM or 3D printing) has been regarded as integral to the future manufacturing technologies of the fourth industrial revolution. Its limitless capability for incorporating complexities in design, processes, materials, and functionalities is gaining huge attention from both research and industry sectors. The successful implementation and application of AM technologies in real systems requires that the breadth and depth of knowledge span the whole process of integrating and realizing a system, or a part, from design to production (and even to validation, maintenance, and quality assurance). The seamless combination of the design, simulation, process planning, and production for AM is essential from the perspective of implementing effective and efficient manufacturing systems.

In this Special Issue, we aim to cover additive manufacturing technology from method to application, especially in the fields of automotive, aerospace, and biomedical engineering, and sharing insights toward the industrial implementation of AM technology.

Prof. Namhun Kim
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Guest Editors

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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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