

Special Issue

Emerging Trends in Additive Manufacturing Processing: Innovations in Materials, Methods and Applications

Message from the Guest Editor

Additive manufacturing has emerged as a transformative technology, providing innovative solutions across a wide range of industrial applications. This Special Issue focuses on innovative developments in additive manufacturing, including advanced materials, novel approaches, process optimization, and emerging applications. Key aspects include the use of advanced functional materials, high-performance structural materials, hybrid designs combining materials or manufacturing techniques, topology-optimized designs, and adaptive production methodologies for customizable and on-demand manufacturing. Additional themes encompass the integration of sensing capabilities into printed parts, innovative approaches such as continuous fiber integration, stimuli-responsive 4D printing, waste reduction, and supply chain optimization. Themes and Article Types: Original research articles and review papers are welcome from both academia and industry, showcasing significant advancements in additive manufacturing processes and their potential to drive innovation across diverse sectors.

I look forward to receiving your contributions.

Guest Editor

Prof. Dr. Dimitrios-Nikolaos Pagonis

Department of Naval Architecture, School of Engineering, University of West Attica, 122 43 Athens, Greece

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls-ci@mdpi.com

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About the Journal

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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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