

Special Issue

Recent Advances in Additive and Intelligent Manufacturing

Message from the Guest Editor

This Special Issue of MDPI's journal *Micromachines* aims to provide a platform for researchers to showcase findings when applying additive manufacturing and AI/machine learning technologies in miniaturized/micro/nano-scaled structures, materials, devices, and systems. Original research articles and reviews are invited for this SI. Topics of interest include, but are not limited to:

- 3D-printed miniaturized/micro/nano devices and structures.
- Applications of additive manufacturing.
- Micro/nano additive manufacturing.
- Novel materials and inks.
- Mass customization and production using AM.
- Topology optimization and generative design.
- Design of miniaturized/micro/nano devices for additive manufacturing.
- Nature and bio-inspired design.
- Digital twins and cyber-physical systems for additive manufacturing.
- AI/machine learning in additive manufacturing.
- Process planning and optimization, including hardware and software.
- Development, modeling, and simulation of AM processes.

Guest Editor

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Deadline for manuscript submissions

closed (5 August 2022)



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About the Journal

Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

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