

Special Issue

Intelligent Micro-Manufacturing and Applications

Message from the Guest Editors

We are pleased to announce a Special Issue entitled “Computational tools and AI in Design and Micro-Manufacturing” to be published by the MDPI journal *Micromachines*. The aim of this Special Issue is to provide a collection of high-quality research related to the field of design and manufacturing that utilizes computational and artificial intelligence tools. All papers will be fully open access upon publication after peer review. Potential topics include, but are not limited to:

- Machine learning in design and manufacturing;
- Artificial intelligence in design and manufacturing;
- Computational design;
- Topology optimization;
- CAD/CAM/CAE;
- Finite element analyses;
- Digital manufacturing and cloud-based manufacturing;
- Intelligent machining systems and processes;
- Smart manufacturing processes and smart factories;
- Cyber-physical systems and digital twins;
- Additive manufacturing;
- Computational creativity;
- Smart technology and smart materials;
- Product design;
- IoT.

Guest Editors

Prof. Dr. Panagiotis Kyratsis

Department of Product and Systems Design Engineering, University of Western Macedonia, 50100 Kila Kozani, Greece

Prof. Dr. Konstantinos Salonitis

Sustainable Manufacturing Systems Centre, School of Aerospace Transport and Manufacturing, Cranfield University, Cranfield MK43 0AL, UK

Deadline for manuscript submissions

closed (31 December 2024)



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Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
micromachines@mdpi.com

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2025).