

Special Issue

Advances in Digital Manufacturing

Message from the Guest Editors

The aim of this Special Issue is to address the following areas: “Advances in Digital Manufacturing” is used to present state-of-the-art and novel concepts in design and manufacturing digitalization and to re-address well-known concepts and applications in novel ways, as well as to introduce innovative approaches regarding the processes and machinery that can solve real-life problems and problems that are expected to arise in the near future. Researchers and academics from around the world are invited to submit their work, substantiated theoretical, simulation-based, experimental and/or practical research, concerning engineering and its applications, addressing, but not limited to, the following topics:

- Manufacturing process modeling, digital twins and optimization;
- Smart manufacturing: modeling, devices, applications, operations, infrastructure and connectivity;
- Additive manufacturing and hybrid manufacturing processes and machines;
- Design for additive, subtractive and hybrid manufacturing;
- Modern techniques of design optimization and applications;
- Smart and reconfigurable machine tools;
- Micro-manufacturing and micro-fabrication.

Guest Editors

Prof. Dr. Agathoklis A. Krimpenis

Dr. Angelos P. Markopoulos

Prof. Dr. Dumitru Nedelcu

Deadline for manuscript submissions

closed (31 March 2023)



Machines

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.7



mdpi.com/si/126187

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

[mdpi.com/journal/
machines](https://mdpi.com/journal/machines)





Machines

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.7



[mdpi.com/journal/
machines](https://mdpi.com/journal/machines)



About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso
CISE - Electromechatronic Systems Research Centre, University of
Beira Interior, Calçada Fonte do Lameiro, P-6201-001 Covilhã, Portugal

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q1
(Control and Optimization)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.9 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).