



Digital Transformations to Design, Implement and Operate Cyber-Physical Systems in Smart Manufacturing

Guest Editors:

Dr. Pedro Daniel Urbina-Coronado

Tecnologico de Monterrey,
School of Engineering and
Science, Monterrey 64849, Mexico

Dr. Horacio Ahuett-Garza

Tecnologico de Monterrey,
School of Engineering and
Science, Monterrey 64849, Mexico

Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editors

On a daily basis, there are a great number of advances in manufacturing systems around the world. However, their effect and the characteristics of their implementation represent a unique source of creativity that can open the door to the small and medium enterprises (SME) to accelerate the incursion in digital manufacturing. The technical aspects of the way in which technologies like the digital twins are produced and applied remain a subject of significant research.

This Special Issue will provide a forum for researchers and practitioners to exchange their latest theoretical and engineering achievements and identify critical issues and challenges for future studies in the digital manufacturing systems and the related tools, models, and technologies. Results of experimental research in field conditions are encouraged for submission. The theoretical papers and proofs of concepts accepted into this Special Issue are expected to contain original ideas and potential solutions for resolving real problems.

Looking forward to your contributions!





an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Journal Rank: JCR - Q2 (Engineering, Mechanical) / CiteScore - Q2 (Control and Optimization)

Contact Us

Machines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/machines
machines@mdpi.com
[X@Machines_MDPI](https://twitter.com/Machines_MDPI)