

## Special Issue

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

### 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!

### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2023)



## Machines

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## 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.

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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
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