

Special Issue

Smart Manufacturing

Message from the Guest Editors

This special issue aims to explore the correlations of the aforementioned ITs with the emerging research topics in Smart Manufacturing. A paper on one or more of the following subjects is especially welcomed:

- Literature review on the state of the art of manufacturing such as Smart Manufacturing, Sustainable Manufacturing, Cloud Manufacturing, and Digital Manufacturing
- Cyber physical systems in manufacturing
- Internet of Things in manufacturing
- Big Data Analytics in manufacturing
- Cloud-Computing in manufacturing
- Enabling technologies for sustainable manufacturing
- Adaptable enterprise architecture such as service-orientated architecture (SoA) and agent-based systems
- Digital manufacturing
- New sensors and controls for machine tools, fixtures, and other smart things
- Data mining for planning, scheduling and controls
- Development of intelligent systems such as robots, autonomous guided vehicles (AGVs), and other programmable manufacturing resources
- Case studies in smart manufacturing

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)



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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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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).