

Special Issue

Industry 4.0: Intelligent Robots in Smart Manufacturing

Message from the Guest Editors

The fourth industrial revolution, Industry 4.0, has led to significant advancements in the integration of advanced technologies in manufacturing processes. Intelligent robots are increasingly being integrated into various aspects of manufacturing, from production automation to quality control and human-robot collaboration. The convergence of artificial intelligence, robotics, big data analytics, and the Internet of Things (IoT) has paved the way for the development of more complex, adaptive, and cognitive robotics for smart manufacturing. This Special Issue aims to provide an in-depth exploration of the latest developments and potential future directions associated with intelligent robots in smart manufacturing and facilitate knowledge exchange and interdisciplinary collaborations among researchers and practitioners. Authors are encouraged to submit original research articles, review papers, etc. **Keywords**

- intelligent robots
- smart manufacturing
- collaborative robots
- industrial robots

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Deadline for manuscript submissions

31 January 2026



Machines

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by MDPI

Impact Factor 2.5
CiteScore 4.7



mdpi.com/si/188983

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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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