

Special Issue

Cyber-Physical Systems and IT Solutions for Smart Industrial Applications

Message from the Guest Editors

This Special Issue focuses on the latest advances in the development and application of cyber-physical systems (CPSs) and IT solutions for intelligent industrial environments. Emphasis will be placed on the integration of industrial processes with advanced computing, control, and communication technologies that enable intelligent monitoring, optimization, and decision-making. We welcome papers presenting new methods, modeling approaches, control strategies, and real-world case studies, including applications in manufacturing, robotics, energy systems, transportation, and the process industry. Both theoretical and practical contributions are welcome, with a particular focus on challenges in the data-driven design, reliability, security, and scalability of CPSs.

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Deadline for manuscript submissions

20 April 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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