

Special Issue

Emerging Paradigms in AI, Autonomous Systems, and Intelligent Technologies

Message from the Guest Editors

We welcome the submission of articles or reviews covering, but not limited to, the following fields: **Topic 1: Smart Mechatronics, IoT, and Industrial Intelligence Subtopics:**

- IoT and intelligent sensors in mechatronics—low-cost, scalable solutions;
- Additive manufacturing and digital twins in industry and education;
- AI in predictive maintenance and industrial process optimization;
- Applications for precision agriculture, MedTech, and STEM education;
- Sustainability and cybersecurity in intelligent systems.

Topic 2: Advanced Autonomous Systems and Applied Artificial Intelligence Subtopics:

- AI in autonomous decision making and real-time processing;
- Computer vision, XAI, and human–machine interactions;
- Autonomous systems in healthcare, logistics, and transportation;
- Swarm intelligence and multi-agent systems for distributed applications;
- Edge AI and autonomous systems in resource-constrained networks.

This Special Issue seeks interdisciplinary contributions bridging software-, hardware-, and application-level innovation across smart, autonomous, and cyber-physical systems.

Guest Editors

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Deadline for manuscript submissions

31 December 2025



Technologies

an Open Access Journal
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Impact Factor 3.6
CiteScore 8.5



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About the Journal

Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

Editor-in-Chief

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