

Special Issue

Recent Advances in Collaborative Systems and Control in the Industrial Sector

Message from the Guest Editors

This Special Issue will highlight the remarkable progress made in Collaborative Systems and Control, IoT, and AI, and the synergies emerging from their intersection. We invite you to explore the cutting-edge developments, trends, and breakthroughs within these domains, and demonstrate how they collectively shape the future of technology and research. Potential topics include (but are not limited to):

- Collaborative systems in open innovation ecosystems;
- Intelligent Systems in industry;
- Multi-agent coordination and collaboration;
- Energy management systems and advanced control;
- Smart control and operation of energy systems;
- Decision-making applications in collaboration systems;
- Internet of Things (IoT) and Artificial Intelligence (AI) applied to Control Systems;
- Integration of AI algorithms in IoT ecosystems;
- AI-driven data analysis for IoT-generated data;
- Smart environments and IoT-enabled intelligent systems;
- Predictive maintenance and anomaly detection using AI and IoT.

Guest Editors

Dr. Luis Pires

Dr. Ricardo Santos

Prof. Dr. Joaquim Monteiro

Deadline for manuscript submissions

closed (10 November 2024)



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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).