

Special Issue

Application of Digitization, Intelligent Systems and Artificial Intelligence in Industry and Services

Message from the Guest Editors

This topic seeks high-quality studies of research and development and applications in practice, focusing on the following:

- Research and development of artificial intelligence in all areas of industry and services.
- Application of digitization as a basis for building intelligent systems.
- Application of artificial intelligence in the conditions of industrial practice in various production technologies.
- Use of IoT and Industry 4.0 tools.
- Artificial intelligence research in automation and robotization.
- Prediction models of object and process states.
- Machine learning and neural networks (learning optimization).
- Cybernetics and artificial intelligence.
- Modeling and simulation versus artificial intelligence.
- Artificial intelligence in production, service and auxiliary processes.

Guest Editors

Dr. Miroslav Rakyta
Dr. Bubenik Peter
Dr. Vladimíra Biňasová

Deadline for manuscript submissions

closed (15 October 2025)



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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

Author Benefits

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Rapid Publication:

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).