

Special Issue

Digitization of Mechatronic Systems Using Modern Information and Communication Technologies

Message from the Guest Editors

In the context of Industry 4.0, mechatronic systems play a key role as a synergetic combination of electronics, mechanics, automation, communication, and information technologies which are integrated into smart technologies. This Special Issue will accept contributions on innovative research and developments in “Digitization of Mechatronic Systems Using Modern Information and Communication Technologies”. The overall objective is to cover a wide range of disciplines, including modern predictive maintenance, smart technologies, industrial mechatronic systems, and automation and control systems. Emphasis is put on methods and findings aimed at determining development trends in smart industry technologies, as well as the development of promising technologies for the digital transformation of industries.

Guest Editors

Dr. Erik Kučera
Prof. Dr. Štefan Kozák
Prof. Dr. Teofana Puleva

Deadline for manuscript submissions

closed (31 July 2023)



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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

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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).