

Special Issue

Mechatronic System for Automatic Control 2022

Message from the Guest Editors

Mechatronics systems are a part of industrial automated control systems. It is a synergetic combination of electrical, electronic units and precision mechanical parts, microprocessor technology, various energy sources, electric, hydraulic, and pneumatic drives. These units and parts are combined by intelligent control systems, focused on the contemporary automated industrial systems. This Special Issue will accept innovative research and developments in mechatronics and automatic control. The overall objective is to render a wide range of disciplines, including power engineering; industrial mechatronic systems; automation and control systems. Emphasis is given to methods and findings aimed at determining the prospects for the development of smart industry technologies and the creation of promising technologies for the digital transformation of the industries.

Guest Editors

Dr. Vadim R. Gasiyarov

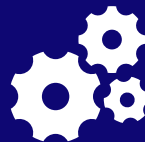
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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 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 2024).