

Special Issue

Mechatronic System for Automatic Control

Message from the Guest Editors

Mechatronics systems are a part of industrial automated control systems, which are a synergetic combination of electrical parts, electronic units, and precision mechanical parts; microprocessor technology; various energy sources; and electric, hydraulic and pneumatic drives. These units and parts are combined in an intelligent control system, which is the focus of contemporary automated industrial systems. This Special Issue will accept contributions describing innovative research and developments in “Mechatronic Systems for Automatic Control”. The overall objective is to cover a wide range of disciplines, including power engineering, industrial mechatronic systems, and 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 industries.

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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.

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