



machines



an Open Access Journal by MDPI

Advances in Automation, Industrial and Power Engineering

Guest Editors:

Prof. Dr. Andrey A. Radionov

Department of Mechatronics and
Automation, South Ural State
University, 454080 Chelyabinsk,
Russia

Dr. Vadim R. Gasiyarov

Mechatronics and Automation
Department, South Ural State
University, 454080 Chelyabinsk,
Russia

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will accept contributions describing innovative research and developments in “Automatic Control”, “Industrial Engineering” and “Power Engineering”. The overall objective is to cover a wide range of disciplines, including mechanical engineering, materials engineering and technologies for production and processing, energy, electrical engineering and automation engineering. 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.

Prof. Dr. Andrey A. Radionov

Dr. Vadim R. Gasiyarov

Guest Editors



mdpi.com/si/114237

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Antonio J. Marques
Cardoso**

CISE - Electromechatronic
Systems Research Centre,
University of Beira Interior,
Calçada Fonte do Lameiro, P-
6201-001 Covilhã, Portugal

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within *Scopus*, *SCIE (Web of Science)*, *Inspec*, and other databases.

Journal Rank: JCR - Q2 (Engineering, Mechanical) / CiteScore - Q2 (Control and Optimization)

Contact Us

Machines Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/machines
machines@mdpi.com
X@Machines_MDPI