Special Issue

Robust Control of Electric Drives and Mechatronic Systems

Message from the Guest Editor

This Special Issue of *Energies* will publish original research papers devoted to techniques, methods, applications, and industrial case studies reporting linear and nonlinear robust control approaches for electric drives and mechatronic systems. Energy-focused applications including in energy carriers, end-user energy consumption, energy conversion systems, and energy research and development are especially welcome for inclusion in this Special Issue. This Special Issue aims to serve as a means to present and share state-of-the-art approaches and up-to-date techniques in the robust control of electric drives, and mechatronics systems. The scope of the Special Issue includes, but is not limited to:

- robust control of electric drives and mechatronics systems
- micro- and nano-electric drives and mechatronics systems
- observer-based robust control of mechatronics systems
- robotic applications
- power electronic for electric drives
- robust control within Industry 4.0 framework

Guest Editor

Dr. Mojtaba Ahmadieh Khanesar
Faculty of Engineering, University of Nottingham, Nottingham NG7 2RD, UK

Deadline for manuscript submissions

closed (28 November 2024)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 8.3

mdpi.com/si/171162

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 8.3

mdpi.com/journal/energies

About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)