



Computational Intelligence-Based Modeling, Control, Estimation, and Optimization in Electrical Motor/Drive, Renewable Energy, and Power Systems

Guest Editors:

Dr. Amirmehdi Yazdani

School of Engineering and Energy, Murdoch University, Perth, WA 6150, Australia

Dr. Amin Mahmoudi

College of Science and Engineering, Flinders University, Adelaide 5042, Australia

Dr. GM Shafiullah

School of Engineering and Information Technology, Murdoch University, Perth, Australia

Deadline for manuscript submissions:

closed (10 May 2022)

Message from the Guest Editors

Dear Colleagues,

Topics of interest for publication include, but are not limited to, the following:

- Fuzzy logic techniques for modeling, control, estimation, and optimization of electrical motor/drive, renewable energy, and power systems
- CI-based fault detection and prognostics of electrical motor/drive, renewable energy, and power systems
- Neural network techniques for modeling, control, estimation, and optimization of electrical motor/drive, renewable energy, and power systems
- CI-based actuators and sensor/data fusion systems design for electrical motor/drive, renewable energy, and power systems
- Evolutionary algorithms for modeling, control, estimation, and optimization of electrical motor/drive, renewable energy, and power systems
- CI-based risk and reliability assessment of electrical motor/drive, renewable energy, and power systems
- Neuro-fuzzy techniques for modeling, control, estimation, and optimization of electrical motor/drive, renewable energy, and power systems





energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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.

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 Compindex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)