



energies



an Open Access Journal by MDPI

Modeling, Control and Diagnosis of Electrical Machines and Devices

Guest Editors:

Dr. Moussa Boukhnifer

Laboratoire de Conception,
Optimisation et Modélisation des
Systèmes (LCOMS), University of
Lorraine, 57000 Metz, France

Dr. Larbi Djilali

Faculty of Technology, University
of Ciudad del Carmen,
Campeche 24130, Mexico

Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to submit your recent research work to a Special Issue of *Energies* on “Modeling, Control and Diagnosis of Electrical Machines and Devices”.

This Special Issue aims to highlight recent trends, research and development, applications, solutions, and challenges related to the condition monitoring and fault diagnostics of electrical machines and devices. Topics of interest include, but are not limited to:

- Modeling of electrical machines and drives;
- Robust control strategies of electrical machines and drives;
- Failure detection and diagnosis of electrical machines and drives;
- Fault-tolerant control of electrical machines and drive;
- Condition monitoring techniques and application in electrical machines and drives;
- AI techniques for electrical machine fault diagnosis and fault-tolerant control;
- Machine learning techniques for electrical machine fault diagnosis and tolerant control



mdpi.com/si/133298

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 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 Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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