



energies



an Open Access Journal by MDPI

Advanced Power Converters for Switched Reluctance Machine Drives

Guest Editors:

Prof. Dr. Armando Pires

CTS/UNINOVA, SustainRD, EST
Setúbal, Polytechnic Institute of
Setúbal, 2914-761 Setúbal,
Portugal

Prof. Dr. Victor Fernão Pires

Departamento de Engenharia
Electrotecnica, Escola Superior
de Tecnologia de Setúbal,
Instituto Politécnico de Setúbal,
Campus do IPS, Estefanilha,
2914-761 Setúbal, Portugal

Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editors

Dear Colleagues,

The switched reluctance machine (SRM) has recently been considered to be of great interest for many applications. Nevertheless, the need of a power converter for the SRM drive is usually considered a disadvantage. However, with the contribution of recent technological developments and modern control techniques, advanced power converters have become a source of innovative solutions to overcome the system's drawbacks and to improve its performance, making the SRM drive an interesting option in many applications.

This Special Issue therefore aims to contribute innovative solutions to increment the knowledge and performance of SRM drive systems, particularly using emerging converter topologies. System applications and related issues such as fault-tolerant capability and fault diagnosis are also very welcome. We therefore invite submissions for the Special Issue on “Advanced Power Converters for Switched Reluctance Machine Drives” that address innovative technical developments and applications on this subject.



mdpi.com/si/42987

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 (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)