



Electrical Machine Design

Guest Editors:

Prof. Dr. Johan Gyselincx

Electro And Mechanical Systems
Department, Université Libre de
Bruxelles, Bruxelles, Belgium

Prof. Dr. Luigi Alberti

Department of Industrial
Engineering, Università di
Padova, Padova, Italy

Dr. Yves Mollet

Electro And Mechanical Systems
Department, Université Libre de
Bruxelles, Brussels, Belgium

Deadline for manuscript
submissions:

closed (1 May 2019)

Message from the Guest Editors

Dear Colleagues,

Electrical machine design remains to date one of the most challenging disciplines in electrical engineering. When designing a new machine, different objectives can be pursued: high efficiency and compactness, low manufacturing or maintenance costs, high reliability, robustness and fault tolerance, high speed or torque capabilities, operation in severe environments, etc. To take up challenges of designing new machines, innovative materials, optimized control techniques as well as fast and accurate design tools also need to be developed and integrated in the optimization process. Furthermore, besides electrical aspects, vibrations, heat transfer and acoustic noise need to be taken into account at the design stage in order to ensure optimal working conditions at both the component and system level.

Prof. Dr. Johan Gyselincx

Prof. Dr. Luigi Alberti

Dr. Yves Mollet

Guest Editors





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)