Special Issue

Advances in Electrical Machines Design and Control

Message from the Guest Editors

This Special Issue aims to present and disseminate the latest advanced developments related to the theory, design, modeling, analysis, power supply, control, and optimization of controllers, measurement and observation of state variables, and condition monitoring of all types of rotating and linear electrical machines. Topics of interest for publication include:

- Design optimization of electrical machines, using analytical and numerical methods, rotating machines as well as linear motors.
- Multi-physics design of electrical machines including their electromagnetic, thermal, and mechanical aspects.
- Finite element modeling and performance analysis of radial, axial, and transverse flux motors and generators.
- Heat transfer in electrical machines—thermal calculations by analytical and numerical methods.
- Power electronics—construction of advanced motor power systems, analysis of power systems, and methods of controlling them.
- Artificial intelligence methods in the design of electrical machines or their control systems and power electronics.
- Electric motor control systems for drives.

Guest Editors

Dr. Grzegorz Sieklucki

Dr. Tomasz Drabek

Prof. Dr. Zbigniew Hanzelka

Deadline for manuscript submissions

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

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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

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