Special Issue

Research on Electric Machines and Power Conversion Systems for Electric Mobility

Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to the theory, analysis, design, control, modelling, implementation, condition monitoring of all types of electric machines and power conversion systems for electric mobility. Topics of interest for publication include, but are not limited to:

- Efficiency Analysis of Electric Machines;
- Design of Electric Machines;
- Control Method for Electric Machines;
- DC-DC Converter;
- DC-AC Inverter;
- Parallel-Series Structure Inverter/Converter;
- Dynamic Characteristic Improvement Control;
- Fault Detection and Tolerant Control;
- Modulation or Switching Methods;
- Reliability Evaluation and Improvement Method.

Guest Editors

Prof. Dr. Yeongsu Bak

Department of Electrical Energy Engineering, Keimyung University, 1095, Dalgubeol-daero, Dalseo-gu, Daegu 42601, Republic of Korea

Dr. June-Seok Lee

School of Electronics and Electrical Engineering, Dankook University, Yongin 16890, Gyeonggi-do, Republic of Korea

Deadline for manuscript submissions

closed (31 August 2024)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/198486

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

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

About the Journal

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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)