

Special Issue

Electric Machines and Drive Systems for Emerging Applications

Message from the Guest Editor

This Special Issue invites articles that address the recent advancements, technical challenges impeding advancement and novel solutions to these issues. The emerging applications include but are not limited to electrification of transport, heavy machineries and industrial processes. Articles which deal with the latest hot topics in machines and drives are particularly encouraged, such as permanent-magnet (PM) machines, magnet-free machines, bearing-less machines, high-speed machines, low-speed/high-torque machines, high-temperature superconducting (HTS) machines, direct-drive machines and their drive systems for torque, speed position control using advanced techniques. In addition, articles which discuss overcoming the design challenges using advanced optimisation leading to novel topologies and control techniques would be of particular interest.

Guest Editor

Dr. Rukmi Dutta

School of Electrical Engineering, University of New South Wales,
Sydney, NSW 2052, Australia

Deadline for manuscript submissions

closed (28 February 2021)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/32429

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://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)