

Special Issue

Advanced Motor Technology and Application

Message from the Guest Editors

Motors play an indispensable role in renewable energy conversion systems, precision manufacturing, aerospace and electric vehicles. Therefore, it is necessary to study motor systems with higher speed, precision and efficiency for motor system future development. This Special Issue aims to present and disseminate the latest developments in the theory, design, application, drive, control and testing of high-performance motor systems. Topics of interest to the publication include, but are not limited to: all aspects of induction motors; permanent magnet synchronous motors; synchronous reluctance motors; switched reluctance motors; brushless DC motors; linear motors; voice coil motors; generators; motor/generator technology for more electric aircraft, electric vehicles and energy conversion systems; polyphase motors and drives; precision motor and its drive; fault-tolerant motor systems; online and offline condition monitoring technology; and advanced control method.

Guest Editors

Dr. Jiaxi Liu

Department of Electrical Engineering, Harbin Institute of Technology, Harbin 150006, China

Dr. Jiwei Cao

Department of Electrical Engineering, Harbin Institute of Technology, Harbin 150006, China

Deadline for manuscript submissions

closed (12 July 2023)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/155337

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)