



Advances in Electrical Drive Systems and Automatic Control of Electric Vehicles

Guest Editor:

Dr. Xuan Wu

School of Electrical and
Electronic Engineering, Hunan
University, Changsha 410082,
China

Deadline for manuscript
submissions:

closed (17 February 2024)

Message from the Guest Editor

Dear Colleagues,

In recent years, with the proliferating demand for a sustainable and carbon-neutral economy, electric vehicles have proven to be an ideal technology for the future.

The aim of this Special Issue is to present and disseminate the latest research concerning the design, modeling, optimization, topology and automatic control of electric machines and electric vehicles. It provides a platform for researchers and experts to discuss their innovative solutions to overcome the challenges present in the field of electric drive systems and electric vehicles. Topics of interest include, but are not limited to, the following:

Electric machines design and optimization;

Power electronics;

Wireless charging systems;

Energy management systems;

Artificial intelligence in electric vehicles;

Safety assessment for electric vehicles;

Advanced control in electric machines and electric vehicles

Dr. Xuan Wu

Guest Editor





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)