



*energies*



an Open Access Journal by MDPI

## Advanced Technologies for Electrified Transportation

Guest Editors:

**Dr. Wei Liu**

Department of Electrical and Electronic Engineering, The University of Hong Kong, Pokfulam, Hong Kong 999077, China

**Dr. Chunhua Liu**

School of Energy and Environment, City University of Hong Kong, Hong Kong SAR, China

**Prof. Dr. Kwok Tong Chau**

Department of Electrical and Electronic Engineering, The Hong Kong Polytechnic University, Hong Kong, China

### Message from the Guest Editors

This **Special Issue** will focus on the advanced technologies for electrified transportation. In particular, there are four competitive advances in recent years: (1) high torque density of machines and magnetic differentials for electric launch; (2) high energy density and accurate health diagnostics of energy storage systems for durable cruise; (3) high convenience and high efficiency of energy refueling and regenerating technologies during operation; and (4) high reliability of advanced control for battery charging, motor drives, and power electronics. In this context, prospective authors are invited to submit their original contributions, surveys, or tutorial papers in the above areas.

Deadline for manuscript submissions:

**closed (10 August 2023)**



[mdpi.com/si/94896](https://mdpi.com/si/94896)

# Special Issue



# *energies*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 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](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://x.com/energies_mdpi)