



energies



an Open Access Journal by MDPI

Development of Intelligent Electric Vehicles and Smart Transportation

Guest Editors:

Prof. Dr. Yi-Hsuan Hung

Undergraduate Program of
Vehicle and Energy Engineering,
National Taiwan Normal
University, Taipei, Taiwan

Dr. Hwa-Dong Liu

Undergraduate Program of
Vehicle and Energy Engineering,
National Taiwan Normal
University, Taipei 10610, Taiwan

Deadline for manuscript
submissions:

31 October 2024

Message from the Guest Editors

This Special Issue will consider high-quality research and review papers that address the theoretical and application aspects of intelligent vehicles and smart transportation systems. Specific topics of interest for this Special Issue include, but are not limited to, the following topics:

- Electric vehicles and hybrid vehicles;
- Green energy sources and hybrid powertrains;
- Key components of electric vehicles;
- Intelligent vehicle control and energy management;
- Control of vehicle dynamics and steering;
- Intelligent vehicle systems design and control;
- Applications of neural and fuzzy control systems;
- Vehicle modeling and performance evaluation;
- Information and communication system;
- Real-time simulation and hardware-in-the-loop system;
- X-by-wire control;
- Advanced driver assistance system;
- Autonomous vehicle system;
- Smart traffic management;
- Intelligent transportation system;
- Human interface and safety enhancement;
- Sensor and actuator technology;
- Transportation policy and traffic planning.



mdpi.com/si/122640

Special Issue



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, CAPus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

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