



energies

an Open Access Journal by MDPI



Advanced Electrification for Transportation and Built Environment

Guest Editor:

Prof. Dr. King Jet Tseng

Department of Electrical
Engineering, Singapore Institute
of Technology, 10 Dover Drive,
Singapore 138682, Singapore

Deadline for manuscript
submissions:

closed (15 March 2017)

Message from the Guest Editor

Dear Colleagues,

This Special Issue will publish high-quality peer-reviewed papers on the latest technologies that are currently advancing electrification in land, sea, and air transportation, as well as in the built environment. The topics include, but are not limited to, the following:

- Electric power distribution in more-electric aircrafts
- Electrical propulsion for ships
- Marine power systems and alternative maritime power (cold ironing)
- Electric and hybrid-electric railway systems
- DC and hybrid AC/DC power distribution in transportation and built environment
- Intelligent nano-grids in buildings and community-scale micro-grids
- High density power electronics
- High ambient temperature power systems
- Energy storage systems for transportation and built environment applications
- Condition monitoring and health prognosis for power systems components
- Distributed generation and renewable energy sources
- Electric vehicles and charging infrastructure
- Deregulated electricity markets



mdpi.com/si/6826

Prof. Dr. King Jet Tseng
Guest Editor

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Industrial Engineering, University
Nicolò 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

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