

## Special Issue

# Energy Management and Control in Emerging Electrified Transportation Systems

### Message from the Guest Editors

The electrification of transportation systems is a pivotal component of the global transition toward sustainable energy solutions. As the adoption of electrified transportation accelerates, the need for sophisticated energy management and control strategies becomes increasingly critical. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Smart grid interaction with electrified transportation;
- Emerging technologies for energy management in electrified transportation;
- Advanced control techniques for electrified transportation;
- Integration of renewable energy sources in electrified transportation;
- Energy harvesting and storage in electrified transportation;
- Resilience and reliability of energy systems in electrified transportation;
- Operation control and optimization in electrified transportation.

We look forward to receiving your contributions.

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### Guest Editors

Dr. Junyu Chen

Dr. Ke Wang

Dr. Yinbo Ge

Dr. Zhuang Xiao

Prof. Dr. Xiangke Li

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### Deadline for manuscript submissions

closed (15 August 2025)



## Electronics

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*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di  
Torino, 10129 Torino, Italy

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