



## Applications of Power Converter in Electric Transportation and Renewable Energy Harvesting

Guest Editors:

**Prof. Dr. Xiaodong Li**

Faculty of Information  
Technology, Macau University of  
Science and Technology, Macau,  
China

**Prof. Dr. Hao Chen**

School of Electrical and Power  
Engineering, China University of  
Mining and Technology, Xuzhou  
221116, China

**Dr. Thirumarai-Chelvan  
Ilamparithi**

Department of Electrical and  
Computer Engineering, University  
of Victoria, Victoria, BC, Canada

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### Message from the Guest Editors

To overcome energy crises and promote environment protection, efficient utilization of renewable energy and transportation electrification have become two important scientific research topics, in which power electronics converters are playing a vital role. Therefore, the proposed Special Issue will focus on the “Applications of Power Converter in Electric Transportation and Renewable Energy Harvesting”. We are sincerely seeking contributions from authors around the world to share their innovative results of their latest findings with other researchers and related industries.

Topics include but are not limited to the following:

- On-board and off-board battery chargers;
- Vehicle-to-grid (V2G) techniques;
- MPPT for wind/photovoltaic/thermo-electric/fuel-cell generation;
- Bi-directional DC/DC converters for charging/discharging, static electronic transformers;
- Motor drives for electric vehicles, electric vessels and electric aircraft;
- High-gain converters for renewable energy harvesting;
- Battery management systems and battery storage systems.





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## Editor-in-Chief

**Prof. Dr. Flavio Canavero**

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

## 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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*Electronics* Editorial Office  
MDPI, Grosspeteranlage 5  
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