





an Open Access Journal by MDPI

Advances and Challenges in Transportation Electrification

Guest Editors:

Dr. Penghan Li

Northwest Branch of State Grid Corporation of China, Xi'an 710049, China

Dr. Linyun Xiong

School of Electrical Engineering, Chongqing University, Chongqing 400044, China

Dr. Sunhua Huang

School of Mechatronic Engineering and Automation, Shanghai University, Shanghai 200444, China

Deadline for manuscript submissions:

closed (30 April 2023)

Message from the Guest Editors

This Special Issue solicits papers on new research achievements and challenges in transportation electrification. Topics of interest in this Special Issue include but are not limited to the following:

- Wide bandgap devices and transportation applications;
- Lightweight motor technology;
- Electric vehicle drive and charging;
- Hydrogen fuel cell vehicles;
- Space electric propulsion vehicle;
- More electric aircraft;
- Electric ships;
- Special electric vehicles.











an Open Access Journal by MDPI

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.

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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1

(Electrical and Electronic Engineering)

Contact Us