



Automotive Electronics

Guest Editors:

Dr. Sen-Tung Wu

Prof. Jing-Yuan Lin

Prof. Ching-Chun Chuang

Dr. Jian-Min Wang

Dr. Yong-Nong Chang

Deadline for manuscript
submissions:
closed (10 November 2021)

Message from the Guest Editors

The automotive industry is one of the fundamental national constructs. Based on the improvements and trends in technologies, the source of vehicle driving power has started from fuel and progressed through hybrid to electric vehicles being powered by batteries. Hence, energy conversion and battery-charging techniques have become much more important nowadays. In addition, bi-directional charging/discharging systems, wireless power transfer techniques, battery management systems, and high-voltage battery storage systems are topics within the scope of this Special Issue “Automotive Electronics”. We are therefore seeking contributions from authors who would like to share the results of their latest findings with other researchers and related industries.

Topics include but are not limited to the following:

- energy conversion
- battery-charging techniques
- bi-directional charging/discharging systems
- wireless power transfer techniques
- battery management systems
- high-voltage battery storage systems
- collision avoidance systems

https://www.mdpi.com/journal/electronics/special_issues/Automotive_Electronics





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, and other databases.

Journal Rank: JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

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

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

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)