

Special Issue

Vehicle Technologies for Sustainable Smart Cities and Societies

Message from the Guest Editors

In this Special Issue, we invite contributions from the fields of research, development, design, and manufacturing of electric vehicles and the necessary infrastructure, as well as from the fields of application of electric vehicles and their technical, economic, and social impact on other systems and the environment. The scope of the Special Issue is vast; we invite contributions which deal with the following topics:

- Powertrains for electric vehicles (motors, generators, frequency converters, and control algorithms);
- Batteries and battery management systems;
- Sensors and sensor networks;
- Fuel cells in electric vehicles;
- Charging infrastructure for electric vehicles;
- The influence of electric vehicles on the power system (stabilization and V2G);
- Autonomous driving solutions;
- Activities for the public promotion of electric vehicles;
- Seaborne and airborne electric vehicles;
- Energy harvesting;
- IoT for sustainable mobility;
- Cybersecurity;
- Internet of vehicles (IoV).

You are welcome to contribute!!!

Guest Editors

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Dr. Jožef Ritonja

Deadline for manuscript submissions

closed (15 July 2025)



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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.

Editor-in-Chief

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