

## Special Issue

# Feature Papers in Electrical and Autonomous Vehicles, Volume 2

### Message from the Guest Editors

We are pleased to announce that the Section *Electrical and Autonomous Vehicles* is compiling a collection of papers submitted by the Editorial Board Members (EBMs) of our Section and outstanding scholars in this research field. We welcome contributions as well as recommendations from EBMs. The purpose of this Special Issue is to publish insightful original articles and reviews discussing key topics in the field. We expect these papers to be widely read and highly influential. All papers in this Special Issue will be collected into a printed-edition book after the deadline and will be well-promoted. Topics of interest include, but are not limited to, the following:

- Electric vehicle chargers (on-board, off-board, and wireless power transfer);
- Converters for electric drives and power trains;
- Battery management systems;
- New battery technologies;
- Power supplies for auxiliary systems;
- Power and energy management strategies;
- Self-driving cars/autonomous driving/vehicles;
- Artificial intelligence applications for vehicles and traffic;
- Electric vehicles and smart cities/smart grids/smart homes;
- Vehicle-to-grid (V2G), vehicle-to-home (V2H), vehicle-to-everything (V2X).

### Guest Editors

Prof. Dr. Sergio Busquets-Monge

Dr. Salvador Alepuz

Dr. Joan Nicolás-Apruzzese

Dr. Daniel Gutiérrez Reina

### Deadline for manuscript submissions

15 March 2026



## Electronics

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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

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#### High Visibility:

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#### Journal Rank:

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).