

Special Issue

10th Anniversary of Electronics: Related Researches in Electrical and Autonomous Vehicles

Message from the Guest Editors

This Special Issue encourages further research and development on power electronics for electric vehicles, power and energy management strategies, self-driving cars, charging stations and their integration with both the grid and renewable sources. Scholars, academic scientists, researchers, Ph.D. students, and professional groups are invited to submit original contributions and/or review papers. Topics of interest include, but are not limited to:

- 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)

SI website:

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

Guest Editors

Prof. Dr. Zita Vale

Prof. Dr. John E. Ball

Dr. Mattia Ricco

Deadline for manuscript submissions

closed (31 March 2022)



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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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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

Prof. Dr. Flavio Canavero

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

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