

Special Issue

Electric Vehicle Networking and Traffic Control

Message from the Guest Editors

As the world transitions towards sustainable transportation, the rapid adoption of EVs brings forth various interconnected issues that require attention. Electric vehicle networking refers to the use of on-board electronic sensing devices, through mobile communication technology, car navigation systems, intelligent terminal equipment, and information network platforms, to make the connection between cars and roads, cars and cars, cars and people, cars and cities, and real-time networking to realise information interconnection, so as to effectively and intelligently monitor, dispatch, and manage vehicles, people, objects, roads, and locations. A large amount of vehicle information is shared, but cybersecurity threats are also present. In order for the Internet of Vehicles to play its role in the economy and society, the application of network security technology should be strengthened. This Special Issue seeks to bring together cutting-edge research, original studies, and practical applications in the field of EV networking and traffic control, fostering interdisciplinary collaboration among researchers, engineers, policymakers, and practitioners.

Guest Editors

Prof. Dr. Abdullah Baz

Department of Computer and Network Engineering, College of Computing, Umm Al-Qura University, Makkah, Saudi Arabia

Dr. Mahmoud Badr

Assistant Professor, Department of Network and Computer Security, College of Engineering, SUNY Polytechnic Institute, Utica, NY 13502, USA

Deadline for manuscript submissions

closed (31 July 2025)



World Electric Vehicle Journal

an Open Access Journal
Published by MDPI

Impact Factor 2.6
CiteScore 5.0



mdpi.com/si/178599

World Electric Vehicle Journal
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
wevj@mdpi.com

mdpi.com/journal/

wevj





World Electric Vehicle Journal

an Open Access Journal
Published by MDPI

Impact Factor 2.6
CiteScore 5.0



[mdpi.com/journal/
wevj](https://mdpi.com/journal/wevj)



About the Journal

Message from the Editor-in-Chief

The *World Electric Vehicle Journal* is the official journal of the World Electric Vehicle Association (WEVA) and its members the European Association for Electromobility (AVERE), the Electric Drive Transportation Association (EDTA), and the Electric Vehicle Association of Asia Pacific (EVAAP). Since its foundation in 2007, the journal has aimed to provide a publishing platform for the academic and industrial world to share the latest developments and knowledge about electric vehicles. If you are developing Electric, Plug-in Hybrid, Hybrid Electric, or Fuel Cell Vehicles, we cordially invite you to consider us as the place for you to publish your latest results and innovations.

Editor-in-Chief

Prof. Dr. Joeri Van Mierlo

MOBI–Electromobility Research Centre, Department of Electrical Engineering and Energy Technology, Faculty of Engineering Sciences, Vrije Universiteit Brussel, 1050 Brussel, Belgium

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q2 (Automotive Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).