

## Special Issue

# Advances in Vehicular Ad Hoc Networks (VANETs)

### Message from the Guest Editors

This Special Issue provides a platform to present and discuss recent advances and current research, projects, issues, and the standardization of VANET technologies by addressing new VANET techniques, protocols, mechanisms, frameworks, architectures, applications, and systems. Therefore, we are seeking original contributions in areas including, but not limited to:

- Efficient, reliable, resilient, and secure VANETs;
- V2V, V2I, and V2X communications;
- Authentication, privacy, and security issues;
- Collision avoidance;
- Safety warning systems and applications;
- VRU protection and safety;
- Context and/or cooperative awareness;
- Platooning/convoying;
- Autonomous and cooperative driving;
- Connected vehicles;
- Offloading strategies;
- Intelligent traffic management systems;
- Intelligent transport systems;
- Mission-critical services (MCX) in VANETs;
- Joint communications and sensing (JC&S) for VANETs;
- Physical layer design for VANETs;
- MAC layer design for VANETs;
- Energy consumption/efficiency in VANETs.

### Guest Editors

Prof. Dr. Norman Franchi

Dr. Mohamed Khalaf-Allah

Dr. Maximilian Lübke

### Deadline for manuscript submissions

closed (15 August 2024)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/152828](https://mdpi.com/si/152828)

*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



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



## 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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus /  
SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Electrical and Electronic Engineering)

#### 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).