

# Special Issue

## Vehicle-to-Everything (V2X)

### Message from the Guest Editors

The Special Issue will focus on the architecture, design and optimization of high-performance communicating and interaction systems and their application to advanced research frontiers. The purpose of the V2X Special Issue is to provide a premier forum for researchers and academics to publish influential articles, reviews, measurement data and to discuss key topics in the field, where efficient V2X communication for smart vehicles is a crucial factor in the future for high-performance, safety and reliable transport. Topics include, but are not limited to:

- Mobile and wireless communication/networking for V2X;
- Security, privacy, and reliability;
- Testing and validation for road safety;
- OpenGateway, Network Exposure Function, Camara and API;
- Vehicle to everything (V2X), vehicle-to-grid (V2G) and vehicle-to-home (V2H);
- Intelligence applications and infrastructure for vehicles and traffic;
- Self-driving cars/autonomous driving/vehicles;
- Numerical modeling of V2X communication;
- Edge computing/network in smart cities and infrastructure;
- Big data governance and analytics;
- 5G and beyond NR technologies with or without PC5;
- V2X applications and services.

### Guest Editors

Dr. Gabor Soos

Department of Telecommunications and Media Informatics, Budapest University of Technology and Economics, 1117 Budapest, Hungary

Dr. Viktor Tihanyi

Department of Automotive Technologies, Budapest University of Technology and Economics, 1111 Budapest, Hungary

### Deadline for manuscript submissions

closed (15 June 2024)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/171788](https://mdpi.com/si/171788)

*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 guestedited 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), CAPlus /  
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).