

# Special Issue

## Internet of Vehicles (IoV)

### Message from the Guest Editors

This Special Issue aims to explore cutting-edge advancements, theoretical innovations, and practical implementations in the rapidly evolving field of IoV research. As a key enabler of intelligent transportation systems, IoV integrates vehicles, infrastructure, and cloud computing through high-performance communication and interaction frameworks. Topics of interest include, but are not limited to, the following:

- Mobile and wireless communication/networking for IoV;
- Security, privacy, and reliability in IoV systems;
- Testing and validation for transportation safety;
- OpenGateway, Network Exposure Function, CAMARA, and APIs;
- Machine learning and AI applications in IoV;
- Vehicle-to-Everything (V2X), Vehicle-to-Grid (V2G), and Vehicle-to-Home (V2H) communications;
- Intelligent applications and infrastructure for vehicles and traffic systems;
- Autonomous driving and self-driving vehicle technologies;
- Numerical modeling of IoV communication;
- Edge computing and network integration in smart cities;
- Big data governance and analytics for IoV systems;
- 5G and beyond technologies enabling IoV, with or without PC5;
- Emerging IoV applications and services.

---

### Guest Editors

Dr. Gabor Soos

Dr. András Rövid

Dr. Tomislav Mihalj

---

### Deadline for manuscript submissions

31 March 2026



IoT

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 8.7



[mdpi.com/si/225498](https://mdpi.com/si/225498)

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

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





IoT

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 8.7



[mdpi.com/journal/  
IoT](http://mdpi.com/journal/IoT)



# About the Journal

## Message from the Editor-in-Chief

---

### Editor-in-Chief

Prof. Dr. Amiya Nayak

School of Electrical Engineering & Computer Science, University of Ottawa, 800 King Edward Avenue, Ottawa, ON K1N 6N5, Canada

---

### Author Benefits

#### High Visibility:

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

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.5 days after submission; acceptance to publication is undertaken in 5.3 days (median values for papers published in this journal in the second half of 2025).

#### Journal Rank:

JCR - Q2 (Telecommunications) / CiteScore - Q1 (Computer Science (miscellaneous))