

Special Issue

V2X Communication

Message from the Guest Editors

This Special Issue will showcase cutting-edge advancements, challenges, and opportunities in V2X communication, fostering collaboration and innovation in this transformative field. We welcome submissions addressing, but not limited to, the following topics:

- **V2V, V2I, V2P, and V2N Communication Technologies**
 - Protocols and standards development;
 - Data dissemination and scheduling;
 - Resource allocation and management;
 - Communication algorithms.
- **Security and Privacy in V2X Networks**
 - Threat detection and mitigation;
 - Encryption and authentication mechanisms.
- **Edge Computing and Data Analytics**
 - Real-time data processing;
 - Machine learning applications in V2X.
- **Integration with Autonomous Driving Systems**
 - Sensor fusion and data integration;
 - Decision-making algorithms.
- **Fifth-Generation and beyond for V2X**
 - Implementation challenges;
 - Performance evaluations.
- **Testing and Validation**
 - Simulation models;
 - Field trials and pilot studies.
- **Regulatory and Policy Considerations**
 - Compliance with global standards;
 - Impact assessments.

Guest Editors

Dr. G. G. Md. Nawaz Ali

Department of Computer Science and Information Systems, Bradley University, Peoria, IL 61625, USA

Dr. Arun Kumar

Department of Computer Science and Engineering, National Institute of Technology Rourkela, Rourkela 769008, India

Deadline for manuscript submissions

30 November 2025



Vehicles

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/214437

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

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





Vehicles

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Mohammed Chadli

Department UFR Sciences and Technologies, Université Paris-Saclay,
91020 Evry, France

Author Benefits

High Visibility:

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

Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q2
(Automotive Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 22.1 days after
submission; acceptance to publication is undertaken in 3.6
days (median values for papers published in this journal in
the first half of 2025).