

# Special Issue

## Advances in Vehicle Communications, Networking and Systems

### Message from the Guest Editors

This Special Issue focuses on recent advances in vehicular communications, networks, and systems. Topics of interest include, but are not limited to, the following: Vehicular Communication Technologies: 5G and 802.11p; Cloud-RAN and SDRAN; heterogeneous communication systems; propagation models; backhaul systems; future technologies for vehicular systems, including 6G, 802.11bd, Li-Fi, UAV platforms, and low-orbiting satellite systems. Vehicular Networking: Vehicle networking architectures, network programming paradigms, network slicing, new network and transport protocols, AI and machine learning algorithms, internet of vehicles, analytical models, and testbeds for vehicular systems. Vehicular Systems: Vehicular edge clouds, orchestration, mobile services, end-to-end quality-of-service guarantees, security and privacy issues, trust and reputation models, service management and application frameworks, digital twin technologies, smart transport, social internet of vehicles, new types of CAVs, applications and services, and business and economic transportation models.

### Guest Editors

Dr. Glenford Mapp

Department of Computer Science, Middlesex University, London NW4 4BT, UK

Prof. Dr. Alexey Vinel

School of Information Technology, Halmstad University, 301 18 Halmstad, Sweden

### Deadline for manuscript submissions

closed (31 August 2021)



## Future Internet

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 7.1



[mdpi.com/si/80952](https://mdpi.com/si/80952)

*Future Internet*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[futureinternet@mdpi.com](mailto:futureinternet@mdpi.com)

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





# Future Internet

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 7.1



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



## About the Journal

### Message from the Editor-in-Chief

*Future Internet* is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

---

### Editor-in-Chief

Prof. Dr. Gianluigi Ferrari  
Department of Engineering and Architecture, University of Parma,  
Parco Area delle Scienze, 181/A, 43124 Parma, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

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

#### Journal Rank:

JCR - Q2 (Computer Science, Information Systems) /  
CiteScore - Q1 (Computer Networks and Communications)