

## Special Issue

# Vehicular Edge Computing and Networking

### Message from the Guest Editors

With the advent of intelligent transportation systems (ITS), which include vehicular ad-hoc networks (VANET) and smart cities connecting all parts of an urban environment, vehicles are part of the network by publishing and receiving information to and from other vehicles, infrastructure such as road side units (RSUs) and vulnerable road users (VRUs)—overall called V2X. RSUs can be connected to the internet and, through it, to the cloud. They can also play the role of edge devices if they have computing power—vehicular edge computing (VEC). VEC can provide and manage computational resources closer to vehicles and end-users, providing access to services at a lower latency and meeting the minimum execution requirements for services with geotemporal requirements. In the context of vehicular networks, in addition to different types of applications, there are aspects related to the dispatch and routing of data packets, the quality of service and experience, and security and privacy, which still pose several challenges.

### Guest Editors

Dr. Pedro Rito

Institute of Telecommunications, University of Aveiro, Aveiro, Portugal

Prof. Dr. Susana Sargento

Instituto de Telecomunicações, University of Aveiro, Aveiro, Portugal

### Deadline for manuscript submissions

closed (10 June 2023)



## Applied Sciences

an Open Access Journal  
by MDPI

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/106553](https://mdpi.com/si/106553)

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

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

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



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



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

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

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )