



## Safety, Security, Privacy, and Trust in Internet-of-Vehicles

Guest Editors:

**Dr. George E. Raptis**

1. Industrial Systems Institute of  
ATHENA Research and  
Innovation Center, 265 04 Patra,  
Greece

2. Human Opsis, 265 00 Patras,  
Greece

**Dr. Christos Alexakos**

Industrial Systems Institute of  
ATHENA Research and  
Innovation Center, 265 04 Patra,  
Greece

**Prof. Dr. Dimitrios Serpanos**

Electrical & Computer  
Engineering, University of Patras,  
26504 Patras, Greece

Deadline for manuscript  
submissions:

**closed (30 April 2022)**

### Message from the Guest Editors

Internet-of-Vehicles (IoV) is growing exponentially, with vehicles being part of a large communication and connection community that includes vehicles, pedestrians, devices, and infrastructure. IoV, which is a core part of large, intelligent, and distributed transportation systems, is heavily based on the acquisition, exploitation, and sharing of information through Vehicle-to-everything (V2X) communication channels (e.g., V2V, V2M, V2P, V2D, V2I), leading to significant security and privacy challenges that may lead to human safety risks. This Special Issue aims to present the leading research at the intersection of safety, security, privacy, and trust in Internet-of-Vehicles, in an effort to highlight the latest developments in the field. We encourage the submission of research papers that present theoretical and/or experimental contributions, as well as visionary contributions that discuss research trends and future perspectives in the field. Papers should present original work that include the robust analysis or experimental validation of proposed models.

**Keywords:** Security; privacy; safety; trust; Internet-of-Vehicles (IoV).





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**

Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## 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.

## 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), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

## Contact Us

Applied Sciences Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)