



Secure Communication for Intelligent Transportation Systems in Vehicular Social Networks

Guest Editors:

Prof. Dr. Qasim Ali Arain

Prof. Dr. Asadullah Shaikh

Dr. Abdullah Alghamdi

Dr. Jawad Rasheed

Deadline for manuscript
submissions:
closed (26 April 2023)

Message from the Guest Editors

Intelligent transportation systems are a new trending area in vehicular social networks (ITS-VSNs) that decrease fuel expenditures by avoiding traffic congestion through mobile infotainment traffic security applications. These applications can be further categorized into safety and non-safety applications, where there is a huge need to build up new communications technology for integrated ITS-VSN solutions.

In order to develop ITS-VSNs, the biggest stumbling block is the contradiction between the various functionalities demanded by applications and the limited energy supply for vehicle nodes. Potential paper submissions are likely to exploit the connectionism and emergence of networking systems in various problem-solving methods in the ITS-VSN and vehicular communications with a focus on data retrieval. This Special Issue is seeking conceptual, empirical, or technological papers that offer new insights into topics including, but not limited to, the following:

- Modeling and theoretical proofs of communications in ITS-VSNs;
- Internet of Things (IoT) applications with ITS-VSNs;
- Smart sensors and communications in ITS-VSNs;
- Quality-of-service (QoS) for ITS-VSNs, etc.





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), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

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

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

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