Intelligent Transportation and Vehicular Ad Hoc Networks

Guest Editors:

Assoc. Prof. Dr. Ali Hilal Al-Bayatti

School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Dr. Saeed Sharif

School of Architecture, Computing and Engineering, University of East London, London E16 2RD, UK

Prof. Dr. Leandros Maglaras

School of Computer Science and Informatics, De Montfort University, Leicester LE1 9BH, UK

Deadline for manuscript submissions:
closed (29 October 2021)

Message from the Guest Editors

In this Special Issue, we propose to cover the different technologies involved in the area of intelligent transportation and VANETs to identify where we stand in terms of complete vehicle autonomy and what the future holds. Therefore, the topics of interest for this Special Issue include, but are not limited to:

- Radio access technology/emerging V2X communication;
- 5G, RFID and IoT technologies for connected vehicles;
- Electric/autonomous vehicles of land/water/air;
- Vehicle control/sensor technologies;
- Smart mobility/traffic control/traffic management;
- Cyber security, privacy, liability and dependability of intelligent transportation;
- Hardware and software platforms for the simulation, emulation, prototyping, measurement and/or real-world deployment of intelligent transportation;
- VANET applications;
- Driver behaviour;
- Deep learning and artificial intelligence;
- Advanced driver assistance systems (ADASs);
- Critical and safety applications;
- Zero-emission electric vehicles.

mdpi.com/si/47208

Special Issue

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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), CAPlus / SciFinder, Inspec, and other databases.
Journal Rank: JCR - Q2(*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us