Cooperative Vehicular Networking 2023

Guest Editors:

Dr. Zoran Duric

Prof. Dr. Cing-Dao (Steve) Kan

Dr. Moinul Hossain

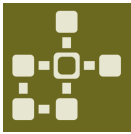**Prof. Dr. Duminda Wijesekera**

Deadline for manuscript submissions:
closed (31 December 2023)

Message from the Guest Editors

Human drivers have been driving in a mostly cooperative and sometimes competitive manner on roads with varying geometries, traffic regulations, weather, and visibility conditions. The objective of this Special Issue is to examine how this behavior can be transferred to fully autonomous driving or more realistically to driving with mixed traffic. The most likely case for autonomous driving is that human drivers will cooperate and sometimes compete with autonomous vehicles to gain advantages. Several major issues need to be addressed in this situation: the sensory capabilities of autonomous vehicles (where the ADAS use online learning methods to gain immediate situational awareness), the communication capabilities to convey this knowledge using standardized protocols, and the capability to use them with pre-programed real time controllers in automated vehicles in addition to ADAS systems that may evolve to support human drivers...

Special Issue

Editor-in-Chief

Prof. Dr. Paolo Bellavista
Department of Computer Science & Engineering (DISI), University of Bologna, 40136 Bologna, Italy

Message from the Editor-in-Chief

You are invited to contribute a research article, a comprehensive review or a software paper for consideration and publication in Computers (ISSN 2073-431X). Computers is an international, peer-reviewed, open access journal which provides an advanced forum for computer sciences. Computers is published in open access format—research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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), dblp, Inspec, and other databases.
Journal Rank: JCR - Q2 (*Computer Science, Interdisciplinary Applications*) / CiteScore - Q2 (*Computer Networks and Communications*)

Contact Us