DESCRIPTION

Vehicular communications is a growing area of communications between vehicles and including roadside communication infrastructure. Advances in wireless communications are making possible sharing of information through real time communications between vehicles and infrastructure. This has led to applications to increase safety of vehicles and communication between passengers and the Internet. Standardization efforts on vehicular communication are also underway to make vehicular transportation safer, greener and easier.

The aim of the journal is to publish high quality peer-reviewed papers in the area of vehicular communications. The scope encompasses all types of communications involving vehicles, including vehicle-to-vehicle and vehicle-to-infrastructure. The scope includes (but not limited to) the following topics related to vehicular communications:

Vehicle to vehicle and vehicle to infrastructure communications Channel modelling, modulating and coding Congestion Control and scalability issues Protocol design, testing and verification Routing in vehicular networks Security issues and countermeasures Deployment and field testing Reducing energy consumption and enhancing safety of vehicles Wireless in-car networks Data collection and dissemination methods Mobility and handover issues Safety and driver assistance applications Standardization of protocols

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