

Special Issue

Vehicular Communication Systems and Networks

Message from the Guest Editor

This Special Issue seeks to explore the diverse aspects of this transformative technology, encompassing both vehicle-to-vehicle (V2V) and vehicle-to-infrastructure (V2I) communication, as well as the emerging standards set out by the 3GPP Cellular-Vehicle-to-Everything (C-V2X)/ NR-V2X networks. We solicit papers that promise to contribute significantly to the ongoing discourse in vehicular communication systems and networks. We are seeking the latest original contributions that have not been published and are not currently under process in any other journal. Potential topics of interest include, but are not limited to, the following:

- C-V2X standards and technologies
- V2V and V2I communication protocols
- Cooperative and autonomous driving
- Vehicle-to-vehicle communication (V2V communication)
- Security and privacy in V2X networks
- Traffic management and congestion control
- Real-world deployments and case studies
- Vehicular ad hoc networks
- Intelligent vehicles
- Vehicular named data networking (V-NDN)
- Resource allocation in V2X networks

Guest Editor

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Deadline for manuscript submissions

closed (15 January 2025)



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About the Journal

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.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).