

Special Issue

Vehicle Network and Communication Technology in the 5G Era

Message from the Guest Editors

Vehicle to everything, or V2X, networks have made it possible for automobiles to connect with both one another and the infrastructure. These networks make use of DSRC, WiFi, and cellular networks, among other communication technologies. We invite original submissions that cover the following aspects of these technologies, topics including but not limited to:

- Novel approaches for design, planning, and control to ensure ultra-reliable and resilient services over 5G-enabled vehicular networks.
- Novel methodologies and paradigms for AI-enabled 5G and vehicular networks.
- Security and privacy in 5G-enabled vehicular network applications.
- Trust management schemes for 5G-enabled-based vehicular networks.
- Role of blockchains in the realization of efficient 5G-enabled vehicular networks.
- Efficient routing protocols for enabled vehicular networks applications.
- Efficient content dissemination schemes over 5G-enabled vehicular networks.
- Energy efficiency and quality-of-service support within 5G-enabled-based vehicular networks.
- Integrating Internet-of-Things (IoT) applications within 5G-enabled-based vehicular networks.

Guest Editors

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Deadline for manuscript submissions

closed (15 January 2024)



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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.

Editor-in-Chief

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