

Special Issue

Vehicle-to-Everything (V2X)

Message from the Guest Editors

The Special Issue will focus on the architecture, design and optimization of high-performance communicating and interaction systems and their application to advanced research frontiers. The purpose of the V2X Special Issue is to provide a premier forum for researchers and academics to publish influential articles, reviews, measurement data and to discuss key topics in the field, where efficient V2X communication for smart vehicles is a crucial factor in the future for high-performance, safety and reliable transport. Topics include, but are not limited to:

- Mobile and wireless communication/networking for V2X;
- Security, privacy, and reliability;
- Testing and validation for road safety;
- OpenGateway, Network Exposure Function, Camara and API;
- Vehicle to everything (V2X), vehicle-to-grid (V2G) and vehicle-to-home (V2H);
- Intelligence applications and infrastructure for vehicles and traffic;
- Self-driving cars/autonomous driving/vehicles;
- Numerical modeling of V2X communication;
- Edge computing/network in smart cities and infrastructure;
- Big data governance and analytics;
- 5G and beyond NR technologies with or without PC5;
- V2X applications and services.

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Deadline for manuscript submissions

closed (15 June 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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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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).