

Special Issue

Wireless Communications Security and Privacy for Connected and Autonomous Vehicles

Message from the Guest Editors

Modern radio access technologies have the potential to greatly improve the autonomous driving experience. Autonomous vehicles must be capable of several different modes of communication, so they can interact with their environment, and will require reliable, robust, and secure networks. Topics of interest include but are not limited to the following:

- Vehicular communications with emphasis on security and privacy;
- Advanced security technologies and applications in V2X;
- Security and privacy threats in vehicular communication technologies;
- Security considerations in V2X communications;
- Security and privacy issues in C-V2X, NR-V2X, 802.11p, 802.11bd communications;
- Security and privacy issues in vehicle-to-vehicle (V2V), vehicle-to-pedestrian (V2P), vehicle-to-infrastructure (V2I) communications;
- Secure edge computing for V2X;
- Intrusion detection and misbehavior detection in CAVs.

Guest Editors

Dr. Vasileios Kouliaridis

Dr. Georgios Karopoulos

Dr. Jose Luis Hernandez-Ramos

Deadline for manuscript submissions

closed (30 April 2023)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/135285

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



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

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

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).