



Wireless Communications Security and Privacy for Connected and Autonomous Vehicles

Guest Editors:

Dr. Vasileios Kouliaridis

European Commission, Joint
Research Centre, 21027 Ispra,
Italy

Dr. Georgios Karopoulos

European Commission, Joint
Research Centre (JRC), 21027
Ispra, Italy

**Dr. Jose Luis Hernandez-
Ramos**

European Commission, Joint
Research Centre (JRC), 21027
Ispra, Italy

Deadline for manuscript
submissions:

closed (30 April 2023)

Message from the Guest Editors

Dear Colleagues,

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

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)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](#)