

Special Issue

Microwave and Millimeter-Wave Technologies for Vehicular Communications and Autonomous Driving

Message from the Guest Editor

This Special Issue collects the most relevant research works in the area of vehicular technologies, with special emphasis on microwave and millimeter wave techniques and methods. Potential applications are not limited to cars, but address automated land, sea, and airborne vehicles, automotive radar and other sensing techniques, navigation and localization, mobile communications, driver assistance, etc. The Special Issue topics include the followings:

- Front-end architecture for road-side units and on-board units;
- Microwave and millimeter systems, modules, and components;
- Automotive radar systems, modulation, waveforms, and compressive sensing;
- Interference and coexistence issues;
- Design and testing of antennas;
- Channel measurements and modeling;
- Mobile communications technique and performance;
- Sensing and imaging techniques and systems;
- Wireless localization, navigation, and sensor networks;
- System measurements, performance evaluation, test, and validation.

Open for Submissions!

Guest Editor

Prof. Dr. Alessandro Cidronali

Department of Information Engineering (DINFO), University of Florence,
50139 Florence, Italy

Deadline for manuscript submissions

closed (31 July 2021)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/46530

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).