

Special Issue

Advances in Passive RFID: From UHF to THz

Message from the Guest Editors

This Special Issue will also focus on solutions to enlarge the coverage of current radio frequency identification (RFID) solutions aiming at pedestrian and cyclist safety in outdoor automotive scenarios. We invite researchers and practitioners to submit high-quality contributions that will stimulate continuous efforts to improve RFID technology in the context of the following non-exclusive and indicative list of research topics:

- Millimeter wave (mm-Wave) and terahertz radio frequency identification (THID) tags
- RFID indoor and outdoor localization systems
- Solutions for clutter and multipath suppressions
- RFID system simulations, measurements, and modeling
- Nonlinear RFID
- Wireless body area networks (WBANs) based on RFID systems
- RFID data fusion
- RFID technology for smart healthcare, environments, and sensing
- RFID employment in facing pandemic outbreaks
- Novel wireless sensor systems and networks
- RFID emerging technologies and applications

Guest Editors

Dr. Maher Khalil

Dr. Fawad Sheikh

Prof. Dr. Thomas Kaiser

Prof. Dr. A.J. Han Vinck

Dr. Alejandro Jiménez Sáez

Deadline for manuscript submissions

closed (30 November 2023)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/95955

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 guest-edited 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), CAPus /
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).