

Special Issue

New Advances of Microwave and Optical Communication

Message from the Guest Editors

The upcoming next generation mobile network 6G, will be able to support various new applications. Authors are invited to submit high quality papers on topics that include (but are not limited to) the following topics related to microwave and/or wireless optical communications:

- Atmospheric Effects and propagation investigations;
- Channel modeling and characterization;
- Optical/microwave wireless vehicular networks;
- Visible light communications;
- Energy efficiency;
- High-capacity and high-speed communication techniques;
- Underwater communication techniques;
- Integrated satellite-terrestrial communication scenarios;
- UAV-assisted communications scenarios;
- Reconfigurable intelligent surfaces-aided communications;
- Testbeds and experimental evaluations;
- Physical layer security;
- Artificial intelligence and machine learning techniques for optical/microwave communication scenarios;
- Energy harvesting.

Guest Editors

Prof. Dr. Hector E. Nistazakis

Prof. Dr. Erich Leitgeb

Dr. Petros S. Bithas

Dr. George K. Varotsos

Deadline for manuscript submissions

closed (15 October 2024)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/174528

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).