

## Special Issue

# Advances in Communication Signal Processing

### Message from the Guest Editors

With the rapid development of wireless communications, new intelligent applications such as machine-type communication, connected robotics, extended reality, and autonomous driving, have become part of our daily lives and affect us profoundly. In this regard, it is necessary to develop intelligent multiple access technologies for future wireless networks to realize massive connectivity with a higher spectral efficiency. Additionally, the era of future wireless networks demands simultaneous sensing and communication. In this context, the joint design of intelligent sensing and communication is essential to achieving highly accurate sensing and high data transmission rates and simultaneously meet the requirements of these new emerging services and applications. In addition, confidential messages may be compromised by malicious attacks from unauthorized entities in future wireless networks. New security techniques such intelligent physical-layer security and covert communications could provide promising solutions to prevent malicious attacks in future wireless networks.

---

### Guest Editors

Dr. Weijie Tan

Dr. Peishun Yan

Dr. Weiqiang Tan

---

### Deadline for manuscript submissions

30 April 2026



## Telecom

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.4



[mdpi.com/si/245889](https://mdpi.com/si/245889)

*Telecom*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[telecom@mdpi.com](mailto:telecom@mdpi.com)

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





# Telecom

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.4



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



## About the Journal

### Message from the Editor-in-Chief

I would like to introduce the new, online, and open access journal *Telecom*. The purpose of *Telecom* is to publish high-quality research papers as well as review articles that address recent advances in communications technology. We invite researchers to contribute original papers describing applications and experiences in emerging trends of all fields of telecommunications engineering. *Telecom* also welcomes Special Issue proposals from academics and industrial researchers. We aim to facilitate more collaboration between scientists and engineers around the world, such that they will produce their innovative ideas and submit their cutting-edge technologies to *Telecom*. We anticipate the receipt of your contributions to *Telecom*, and we welcome your comments and ideas on how to improve this journal.

---

### Editor-in-Chief

Prof. Dr. Sotirios K. Goudos  
ELEDIA@AUTH, School of Physics, Aristotle University of Thessaloniki,  
54124 Thessaloniki, Greece

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within ESCI (Web of Science), Scopus, Ei Compendex, and other databases.

#### Journal Rank:

CiteScore - Q2 (Electrical and Electronic Engineering)