

## Special Issue

# Physical Layer Security for Future Wireless Systems

### Message from the Guest Editors

This Special Issue aims to provide insights into recent research in this emerging field. We invite high-quality submissions of cutting-edge research that explores theories, technologies, and applications within this domain. Topics of interest include, but are not limited to, the following:

- The advanced signal processing of physical layer security;
- Measurements and models of secure communication scenarios;
- Stochastic secure network modeling;
- Cyber-physical systems;
- Physical layer security in UAV-based networks;
- Physical layer security in heterogeneous wireless networks;
- Physical layer security in satellite-terrestrial integrated networks;
- Physical layer security in green communications;
- Secure resource allocation and management;
- Machine-learning-enabled channel estimation, transmission design, and optimization;
- mmWave/TeraHertz communications;
- Reconfigurable intelligent surface;
- Integrated sensing and communication;
- Jamming-resistant communications;
- Secure transmissions for video surveillance and domotics;
- Secrecy coding;
- Physical layer key generation.

### Guest Editors

Dr. Yanjun Pan

Dr. Yao Zheng

Dr. Shangqing Zhao

### Deadline for manuscript submissions

closed (15 May 2025)



## Electronics

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

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## 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.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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#### 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).