

## Special Issue

# Recent Advances and Challenges of Satellite and Aerial Communication Networks

### Message from the Guest Editors

Satellite and Aerial communication (SAC) has been viewed as a key element for bringing real-time, higher-capacity communication and wider coverage in the connection and deployment of a plethora of applications. Nevertheless, owing to the inherent nature of satellite broadcasting and huge area coverage, SAC can be easily exposed to eavesdroppers, leading to various security issues. Therefore, the theme of this Special Issue is to investigate secrecy and high-energy efficiency transmission problems in SAC, with potential topics including, but not limited to, the following:

- Security protocol for satellite and aerial communications;
- Network safety measures in satellite and aerial communications;
- Developments in cloud storage security;
- Interception prevention in satellite and aerial communications;
- Developments in radio propagation mediums;
- Satellite broadcasting and security research;
- Satellite UAV-assisted communications;
- RIS-based satellite and aerial communications;
- Covert satellite communications;
- NOMA-based secure satellite and aerial communications.

### Guest Editors

Dr. Kefeng Guo

Dr. Kang An

Dr. Xingwang Li

Dr. Zhi Lin

### Deadline for manuscript submissions

closed (31 January 2024)



## 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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