

Special Issue

Unmanned Aerial Vehicle (UAV) Communication and Networking

Message from the Guest Editors

In this Special Issue, we are particularly interested in both key theoretical and practical design for UAV communication and networking as well as UAV assisted applications. **Keywords**

- Channel measurement and channel modelling
- Millimeter wave communications
- Large-scale MIMO
- Interference mitigation
- 3D beamforming
- Drone swarm communications
- Physical layer security
- Architecture design
- Routing and scheduling
- Wireless power transfer and energy harvesting
- UAV-aided MMTTC and/or URLLC
- Joint optimization of trajectory and networking performance
- Data-driven optimization
- Artificial intelligent algorithms

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2022)



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).