

Special Issue

Wireless Communication in UAV Systems

Message from the Guest Editors

This Special Issue focuses on the cutting-edge advancements and challenges within the realm of UAV communications. It encompasses a broad spectrum of research areas, including the development of communication protocols, networking technologies, and the integration of UAVs with other communication systems such as the IoT and vehicular networks. This issue also addresses the challenges of securing UAV communications, ensuring data integrity and privacy in aerial networks. Topics of interest in this Special Issue include, but are not limited to, the following:

- 5G and 6G technologies for UAV systems;
- UAV communication protocols and network optimization;
- UAV trajectory optimization for communication;
- Machine learning and AI applications in UAV communication;
- UAV-enabled wireless communication networks;
- UAV-assisted wireless power transfer (WPT);
- Detection, security, and communication for UAVs;
- Physical layer techniques for UAV communications.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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