

Special Issue

Advanced Technologies in Unmanned Aerial Vehicles

Message from the Guest Editors

This Special Issue will focus on key theoretical and practical design issues for “Advanced Technologies in Unmanned Aerial Vehicles”. Topics of interest in this Special Issue include, but are not limited to, the following:

- Network architecture for cellular-connected UAVs;
- Spectrum management and multiple-access schemes for UAVs;
- Intelligent energy usage and replenishment;
- Energy-efficient UAV communications;
- IRS-aided UAV communications;
- Interference and resource management in UAV-assisted wireless communication;
- Machine learning in UAV-assisted wireless communication;
- UAV-aided information offloading;
- UAV-IRS communication network;
- UAV millimeter-wave communication network;
- Integrated sensing and communication for UAVs;
- Physical layer security and techniques in wireless networks with UAVs.

Special Issue detailed information:

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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.

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