



Advanced Technologies in Unmanned Aerial Vehicles

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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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Message from the Editor-in-Chief

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