



Unmanned Aerial Vehicle (UAV)-Enabled Wireless Communications and Networking

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Message from the Guest Editor

The emerging massive density of human-held and machine-type nodes implies a larger deviation in the traffic than we are facing today. The future network will be characterized by a high degree of flexibility, allowing it to adapt smoothly, autonomously, and efficiently to the quickly changing traffic demand both in time and space. This flexibility cannot be achieved when the network's infrastructure remains static. To this end, the topic of UAV (unmanned aerial vehicle)-enabled wireless communications and networking has lately been receiving a lot of attention.

As mentioned above, in the future, the network has to serve a massive density of nodes which can be either human-held (user devices) or machine-type nodes (sensors). If we want to properly serve these sensors and get the most out of their data, a proper wireless connection is fundamental. By using UAV-enabled communication and networks, we will be able to achieve this.

This Special Issue will address the many open issues that still exist to allow UAV-enabled wireless communications and networking.





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