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

Guest Editor:

Dr. Margot Deruyck
Department of Information Technology, IMEC-Ghent University-WAVES, Technologiepark-Zwijnaarde 126, 9052 Ghent, Belgium

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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. In future the 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 received increased attention of late.

As mentioned above, the network must serve a massive density of nodes going forward, which can be either human-held (user devices) or machine-type nodes (sensors). If we wish to properly serve these sensors and optimize their data, a proper wireless connection is fundamental. This can be achieved by using UAV-enabled communication and networks.

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

- UAV-aided network
- UAV-enabled communication
- drones
- UABS
- 5G
- beyond 5G

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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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