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## IEEE 802.11 and Wireless Sensors Network

Guest Editor:

**Dr. Eduard Garcia-Villegas**

Department of Network  
Engineering, Universitat  
Politècnica de Catalunya (UPC),  
08034 Barcelona, Spain

Deadline for manuscript  
submissions:

**closed (30 September 2021)**

### Message from the Guest Editor

The convenience of avoiding cable-based deployments and enabling user mobility using a license-free frequency band rapidly made IEEE 802.11 a widespread technology.

This special issue is aimed at collecting high-quality research papers and review articles focusing on the latest trends in the use of IEEE 802.11 in wireless sensor network and IoT scenarios. We seek original papers showing recent advances in low-power, long-range Wi-Fi applications, papers identifying and tackling the new challenges of IEEE 802.11-based wireless sensor networks, the proposal of new mechanisms to improve Wi-Fi-enabled IoT, etc.

Use of IEEE 802.11 standards in applications for smart city, smart grid, or intelligent transportation systems

Performance evaluation of IEEE 802.11 features in WSN and IoT scenarios

IEEE 802.11-based Wake-Up Radio applications

Latest advances in IEEE 802.11ah networks

Latest advances for IoT and WSN in future IEEE 802.11be

IEEE 802.11-based wireless mesh networking for low power and sensor applications

Wi-Fi sensing techniques and applications

Cross-Technology communications for heterogeneous IoT

Location-aware WSN and IoT applications based on IEEE 802.11



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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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*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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