Recent Trends and Advances in Wireless Sensor Networks

Guest Editors:

Dr. Javier Silvestre-Blanes
ITI and Departamento de Informática de Sistemas y Computadores (DISCA), Campus de Alcoy, Universitat Politècnica de València (UPV), Valencia, Spain

Dr. Esteban Municio
i2CAT Foundation, 08034 Barcelona, Spain

Dr. Kunmean Hou
LIMOS, UMR 6158 CNRS, University Clermont Auvergne, 63173 Aubière, CEDEX, France

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closed (20 February 2024)

Message from the Guest Editors

Dear Colleagues,

WSNs have revolutionized different areas of economy and daily life, being one of the enabling technologies of IoT (Internet of Things) and IIoT (Industrial Internet of Things) systems.

This Special Issue calls for high-quality, original, up-to-date research papers related to wireless sensor and actuator networks. Papers describing scientific methods and technologies that improve efficiency, productivity, quality, scalability, mobility, reliability, control, and energy in all areas of WSNs and WSANs are welcome. All submitted papers will be peer-reviewed and selected based on both their quality and their relevance to this Special Issue. Contributions may include, but are not limited to:

- wireless sensor networks
- wireless sensor/actuator networks
- Industrial Internet of Things (IIOT) and their evolution to IIoE (Industrial Internet of Everything)
- routing using machine learning (ML) techniques and protocols
- WSAN and edge computing
- self-organizing WSANs (SOWSANs) and self-sustaining WSANs (SSWSANs)
- WSN and big data analytics

Special Issue

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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