

Special Issue

Theory and Techniques for the Deployment of Future Wireless Sensor Networks in 5G and Beyond

Message from the Guest Editors

It is our pleasure to announce the publication of a Special issue of the Journal of *Sensors* with the theme of “Theory and Techniques for the Deployment of Future Wireless Sensor Networks in 5G and Beyond”. The wireless sensor network (WSN) paradigm is experiencing a dramatic change because of the evolution of the underlying networking technologies. New communications technologies rely on advanced methods that allow improving several parameters of interest. For example, adaptive beamforming on massive MU-MIMO systems allows handling several information streams at access point level, allowing the nodes to experience a better coverage and noise rejection, thus lightening the power consumption constraints associated with the RF portion of the node itself while increasing the overall network capacity. This Special Issue aims to investigate the theories and techniques that allow us to employ future networking standards on the deployment of efficient and reliable WSN. This is actually a multidisciplinary area of research and development, and your cutting-edge research products are welcome for consideration.

Guest Editors

Prof. Gianfranco Avitabile

Dr. Giuseppe Coviello

Dr. Antonello Florio

Deadline for manuscript submissions

closed (20 February 2023)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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