

Special Issue

Wireless Sensor Networks for Localization and Tracking Systems: Technologies

Message from the Guest Editor

Wireless sensor networks (WSNs) have become a key technology for the development of advanced localization and tracking systems, offering significant improvements in accuracy, scalability and cost-efficiency. This Special Issue focuses on the latest advances in WSN technologies related to localization and tracking systems. It covers a wide range of topics, including the development and deployment of novel sensor nodes, energy-efficient algorithms and protocols for accurate positioning and real-time tracking. The Issue also explores the integration of WSNs with other technologies such as the Internet of Things (IoT), machine learning and edge computing to improve system capabilities and robustness. It also addresses the challenges related to sensor data fusion, network optimization, security and privacy. By showcasing cutting-edge research and innovative applications, this Special Issue aims to provide a comprehensive overview of current trends and future directions in the use of WSNs for localization and tracking, highlighting their role in various fields.

Guest Editor

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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.

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