Special Issue

Machine Learning in Internet of Things and Indoor Positioning/Localization

Message from the Guest Editor

In recent years, machine learning has been playing a growing role in IoT and positioning/localization applications, driven by the theoretical and technological advances in data science. Therefore, using ML in IoT and the positioning/localization technologies, especially in indoor environments, is drawing great attention from researchers of academia and industry, in various research areas. This Special Issue aims to collect original cutting-edge research advances in the area of using ML for future IoT and indoor positioning/localization systems. Potential topics include but are not limited to the following:

- ML for IoT and positioning/localization systems.
- ML for inertial-sensor-based positioning/localization, sensor fusion.
- ML for indoor tracking.
- ML for human or robot activity detection and monitoring.
- ML for indoor navigation or activity recommendation.
- ML for making indoor data structures and models.
- ML-based positioning/localization applications for IoT networks.
- Deep learning for IoT and positioning/localization systems.
- Artificial neural networks for IoT and positioning/localization systems.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2024)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/72034

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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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