Special Issue

Indoor Localization Systems: Latest Advances and Prospects

Message from the Guest Editors

This Special Issue aims to bring together the recent developments in indoor localization and to address new advancements beyond Internet of Things and 5G scenarios. Potential topics include but are not limited to:

- Localization and tracking for 5G and IoT
- Simultaneous localization and mapping (SLAM)
- Multisensors localization and data fusion
- Deep learning for positioning
- Fundamental limits
- Position-dependent parameter estimation
- Fingerprinting and map matching algorithms
- Localization and tracking via signals of opportunity
- Machine learning and crowdsensing enable localization
- UWB and millimeter-wave technologies
- Energy efficient positioning systems
- Low-range radar and RFID
- Vision and visible light-based localization
- Secure localization and privacy
- Testbeds and experimentation

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Deadline for manuscript submissions

closed (30 September 2020)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/29026

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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