Special Issue

Wireless Localization: Tracking and Navigation Data Set

Message from the Guest Editors

In the past few decades, wireless localization tracking and navigation techniques have made considerable progress. Their growing importance can be observed in many areas of everyday life. The future localization and navigation systems will have to be able to operate reliably in most diverse conditions, including indoor tracking scenarios without support from global satellite navigation. Such systems will require the fusion of data sets gathered by multiple positioning systems (based on WiFi, UWB, LTE or other networks) and motion sensors in combination with techniques, such as computer vision or artificial intelligence in order to facilitate seamless and robust navigation. This Special Issue is aimed at sharing new ideas and R&D results with researchers, academics, and experts working in the area of localization techniques, algorithms and strategies, including network-based positioning systems and inertial sensor data fusion, as well as prospective signal processing techniques leading to increase the reliability, accuracy, and robustness of both outdoor and indoor object localization, navigation and tracking.

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Deadline for manuscript submissions

closed (28 February 2019)

Data

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.0

mdpi.com/si/18473

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Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

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