Special Issue

Recent Trends and Advancements in Location Fingerprinting

Message from the Guest Editors

Fingerprinting is a popular technique utilized for indoor positioning, and can utilize various technologies and signals, including Wi-Fi, Bluetooth Low Energy (BLE), or the magnetic field. One of the key reasons for the popularity of fingerprinting is its versatility in different environments. Additionally, it enables the estimation of positions in indoor spaces without the need for access point positions, floor plan information, or the deployment of dedicated infrastructure or specialized hardware. Topics of interest include, but are not limited to:

- Novel fingerprinting positioning solutions;
- Emerging technologies for positioning (e.g., 5G, Wi-Fi 6, etc.);
- Enhancing location fingerprinting with data fusion;
- Hybrid indoor positioning systems;
- New methods for radio map creation and maintenance;
- Crowdsourcing approaches in location fingerprinting;
- Data collection and management for large-scale location fingerprint databases.

Guest Editors

Prof. Dr. Cristiano Pendão

Prof. Dr. Ivo Silva

Prof. Dr. Jianwei Niu

Deadline for manuscript submissions

closed (31 May 2025)

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Journal of Sensor and Actuator Networks
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jsan@mdpi.com

mdpi.com/journal/jsan

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Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

Editor-in-Chief

Prof. Dr. Lei Shu
1. College of Smart Agriculture (Artificial Intelligence), Nanjing Agricultural University, Nanjing 210031, China
2. School of Engineering, College of Science, University of Lincoln, Lincoln LN6 7TS, UK

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