Recent Trends and Advancements in Location Fingerprinting

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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.

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Special Issue

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