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Enhancing Indoor LBS with Emerging Sensor Technologies

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Deadline for manuscript
submissions:

28 February 2025

Message from the Guest Editors

The indoor Location-Based Services (LBS) sector is on a rapid ascent. This Special Issue zeroes in on pivotal sensor-driven technologies—LiDAR, computer vision, IMUs, and wireless techniques like VLC, Bluetooth, and Wi-Fi—which are reshaping indoor mapping and positioning with remarkable accuracy and flexibility. Crucial for applications that range from the precision required in autonomous deliveries to the critical responsiveness needed in emergency services, these sensor technologies are redefining the capabilities of indoor LBS.

By collating cutting-edge research, this issue aspires to bridge the gap between technological potential and practical implementation. It invites contributions that navigate the complexities of indoor environments, illustrating how the confluence of innovative sensors and intelligent data interpretation can redefine indoor LBS. The overarching vision is to foster a dialogue on converting the technical prowess of sensor technology into effective, real-world indoor LBS solutions.



mdpi.com/si/190396

Special Issue



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Message from the Editor-in-Chief

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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