

## Special Issue

# Indoor Navigation in Smart Cities

### Message from the Guest Editor

A very evident application area in smart city research is indoor positioning and navigation. Indoor navigation requires specific technologies, since GPS becomes undependable and vague, and public information, like Google maps, is not available. Hence, potential applications should efficiently support a complete service life-cycle, which includes map creation, user positioning, path planning, fixed and moving obstacle avoidance, en-route assistance, etc. Further, potential apps should deal with a variety of indoor spaces, from home to public areas. In turn, potential technologies should encompass fixed and wearable sensors and classic and IOT networks. Finally, apps should serve both normal or disabled persons and interact appropriately. Topics:

- Location-based services and applications
- Indoor maps and 3D building models
- Human motion monitoring and modeling
- Apps and technologies for disabled people
- Indoor navigation and tracking methods
- Self-contained sensors
- Wearable and multisensor systems
- Intelligent sensors and wireless sensors for smart cities
- Moving obstacle avoidance
- Building inspection and maintenance

---

### Guest Editor

Prof. Dr. Gianmario Motta  
Università di Pavia, Pavia, Italy

---

### Deadline for manuscript submissions

closed (31 December 2020)

01010  
01010  
01010

## Information

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 6.5



[mdpi.com/si/35956](https://mdpi.com/si/35956)

*Information*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[information@mdpi.com](mailto:information@mdpi.com)

[mdpi.com/journal/  
information](https://mdpi.com/journal/information)



01010  
01010  
01010

# Information

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 6.5



[mdpi.com/journal/  
information](https://mdpi.com/journal/information)



## About the Journal

### Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

*Information* is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

---

### Editor-in-Chief

Prof. Dr. Willy Susilo

School of Computer Science and Software Engineering, University of Wollongong, Northfields Avenue, Wollongong, NSW 2522, Australia

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, dblp, and other databases.

#### Journal Rank:

JCR - Q2 (Computer Science, Information Systems) /  
CiteScore - Q2 (Information Systems)