



sensors



an Open Access Journal by MDPI

Sensing in Smart Buildings

Guest Editors:

Prof. Dr. Yeng Chai Soh

School of Electrical and Electronic Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798, Singapore

Dr. Zhenghua Chen

Institute for Infocomm Research (I2R), A*STAR, 1 Fusionopolis Way, Singapore 138632, Singapore

Dr. Chaoyang Jiang

School of Mechanical Engineering, Beijing Institute of Technology, Beijing 100081, China

Deadline for manuscript submissions:

closed (30 September 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Sensors*, entitled *Sensing in Smart Buildings*, will focus on intelligent sensing and information processing techniques for smart buildings.

The environment sensing of a smart building presents a number of academic and practical challenges, which include (but are not limited to) the following issues:

- Sensor selection and placement
- Occupancy estimation
- Localization
- Human activity estimation
- Thermal comfort sensing
- Environment sensing
- Impact on health and wellbeing
- Multi-agent sensing
- Fault diagnosis

Prof. Dr. Yeng Soh
Dr. Zhenghua Chen
Dr. Chaoyang Jiang
Guest Editors



mdpi.com/si/109530

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)