



sensors



an Open Access Journal by MDPI

Smart Homes: A Prospective of Sensing, Communication, and Automation

Guest Editors:

Dr. Kok Yew Ng

Dr. Adnan Ahmad Cheema

Prof. Dr. Dewar Finlay

Prof. Dr. Christopher Nugent

Prof. James McLaughlin

Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editors

Dear Colleagues,

Despite being conceptualised during the 1980s, the term “Internet of Things” was not coined until 1999. Since then, we have seen exciting and continuous growth in research and development in the field, especially towards the applications of integration with smart sensors in smart homes and equivalent environments. The current situation that is the COVID-19 pandemic has further pushed for more aggressive and innovative research and development of IoT in smart homes for automation and healthcare, amongst others.

The purpose of this Special Issue is to report on the latest research findings on smart homes and the related developments. Papers that are focused on the development and integration of sensors in specific research areas such as (but not limited to) intelligent lighting systems, healthcare and diagnostics, wireless communications, home control and automation, monitoring, and mobile computing, as well as web services and cloud computing, are also welcome.



mdpi.com/si/78186

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](#)