



sensors



an Open Access Journal by MDPI

Sensors, Internet of Things and Artificial Intelligence for Human–Computer Interaction in Intelligent Environments

Guest Editors:

**Prof. Dr. Constantine
Stephanidis**

Dr. Asterios Leonidis

Dr. Stavroula Ntoa

Dr. George Margetis

Deadline for manuscript
submissions:

31 December 2024

Message from the Guest Editors

Dear Colleagues,

Intelligent Environments anticipate users' needs by blending technology with the environment and adapting their functionality based on user interaction. This Special Issue explores the confluence between sensors, the Internet of Things (IoT), and Artificial Intelligence (AI), as well as their collective potential to revolutionize Human–Computer Interaction within Intelligent Environments. Understanding the mutual influence of these technologies can lead to the development of innovative applications that improve quality of life, enhancing productivity, promoting sustainability, etc.

For this Special Issue, we seek original and high-quality research contributions on intuitive, seamless interactions in Intelligent Environments, empowered by smart sensors, the IoT, or AI. The submitted articles should focus on the harmonious relationship between technology and humans, enabling the enhancement of daily activities by harnessing the above-mentioned technologies under the perspective of human-centered design.

Prof. Dr. Constantine Stephanidis

Dr. Asterios Leonidis

Dr. Stavroula Ntoa

Dr. George Margetis

Guest Editors



mdpi.com/si/197330

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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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