



*sensors*



an Open Access Journal by MDPI

## Multi-Agent-Based Human-Computer Interaction

Guest Editor:

**Prof. Dr. Antonio Fernández-Caballero**

Instituto de Investigación en  
Informática de Albacete,  
Universidad de Castilla-La  
Mancha, 02071 Albacete, Spain

Deadline for manuscript  
submissions:

**closed (15 January 2022)**

### Message from the Guest Editor

Dear Colleagues,

Human–computer interaction (HCI) is concerned with the joint performance of tasks by humans and machines; the structure of communication between human and machine; human capabilities to use machines; algorithms and programming of the interface itself; engineering concerns that arise in designing and building interfaces; the process of specification, design, and implementation of interfaces; and design trade-offs.

Multi-agent systems (MAS) can be regarded as an assemblage of self-contained problem-solving systems capable of autonomous reactive, pro-active, social behavior. It applies several complex methods to adapt to new behaviors needed to achieve the intended objectives.

This Special Issue (SI) on “Multi-Agent-Based Human–Computer Interaction” will integrate MAS and HCI where the science and technology of sensors is at the core of the proposal. The papers submitted to this SI must highlight multi-agent-based technologies and solutions centered around the use of intelligent sensors and sensor networks in current and emerging applications in human–computer interaction.

For more information, please click: [mdpi.com/si/58290](https://mdpi.com/si/58290).



[mdpi.com/si/58290](https://mdpi.com/si/58290)

# 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](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)