



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.





sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and
Information Engineering,
Politecnico di Bari, Via Orabona
4, 70126 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 and Instrumentation) / 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](#)