

Special Issue

Multi-Agent-Based Human-Computer Interaction (Volume II)

Message from the Guest Editor

Human-computer interaction (HCI) is concerned with the joint performance of tasks by humans and machines. Multi-agent systems (MAS) can be regarded as an assemblage of self-contained problem-solving systems capable of autonomous reactive, pro-active, and 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 are 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. Topics of interest include (but not limited to) the use of sensors for the following:

- Coordination and control in multi-agent-based human-computer interaction;
- Learning and adaptation in multi-agent-based human-computer interaction;
- Multi-agent-based virtual and augmented human-computer interaction;
- Multi-agent-based human-robot interaction.

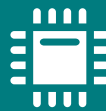
Guest Editor

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Deadline for manuscript submissions

closed (20 July 2023)



Sensors

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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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Message from the Editor-in-Chief

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