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

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Deadline for manuscript
submissions:

closed (20 July 2023)

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.



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Special Issue



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Message from the Editor-in-Chief

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