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Human Computer Interaction in Emerging Technologies

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Deadline for manuscript
submissions:

closed (15 October 2023)

Message from the Guest Editors

Dear Colleagues,

Welcome to the Special Issue for Human–Computer Interaction in Emerging Technologies. There are many ways in which Human–Computer Interaction (HCI) is evolving, each with its own characteristics. In addition to the usual mouse and keyboard input, voice, body gestures, and eye gaze are becoming increasingly prevalent. Research has also been conducted on HCI using facial expressions, heart rate variability, brain activity, and other implicit cues. As for output techniques, not just traditional audiovisual displays, but also haptic, olfactory, and gustatory displays have been investigated in depth. Virtual Reality (VR) and Augmented Reality (AR) can be considered an example of HCI that fully exploits human input and output. In addition, HCI via robots which can replicate the actions of the hands, arms, face, upper body, and legs, is gradually developing.

For this Special Issue, we urge authors to contribute original research articles, works in progress, surveys, reviews, and opinion pieces on HCI research based on robots, virtual reality, and a variety of sensing techniques.



mdpi.com/si/133786

Special Issue



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Message from the Editor-in-Chief

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