Human-Computer Interaction and Artificial Intelligence in VR/AR/MR Application

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Message from the Guest Editors

AI (Artificial Intelligence) and XR (eXtended Reality) technologies are widely utilized in all areas in which data are produced and in all areas that require the Metaverse, respectively. AI algorithms and modeling technologies are rapidly developing, with the industry releasing lightweight and high-performance XR devices based on the computing power of advanced computer hardware. When people apply these technologies, the HCI field offers various methodologies to help users utilize them properly and safely. This Special Issue focuses on state-of-the-art research in various new computer-science-based technologies, including AI, machine learning, deep learning, computer vision, virtual reality, augmented reality, extended reality, and HCI-based convergence and application technologies. This Special Issue aims to inspire and motivate many researchers in the field of computer science by illuminating the development of various technologies, and discovering and sharing fields that can be applied to them.

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Special Issue

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Message from the Editor-in-Chief

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