Image Processing, Computing, and Learning for Immersive User Interface

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Message from the Guest Editors

Dear Colleagues,

Due to advanced imaging and sensing technologies, various imaging technologies have been leading immersive user interface research as a new form of human computer interface. For instance, virtual reality or touch feedback-based user interfaces often require large image data as well as algorithms of image computing and processing to achieve natural interactions and realism. This trend has been found in numerous applications and fields such as medical and healthcare systems, sport training assistance, service and social robots, STEM education, car driver assistance, sensory motor rehabilitation, and entertainment. Hence, image processing, computing, and learning technologies can be applied for creating new forms of immersive user interface or leading to advance the state of the art.

This special issue therefore aims to provide a platform for scientists and researchers all over the world to promote, share, and discuss various new issues and developments in the area of image processing and immersive user interface from fundamentals to applications.

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Special Issue

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Message from the Editor-in-Chief

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