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City University of Hong Kong



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03/08/2023

Micro-Trend

## E-skin for touch communication in VR worlds

Researchers from the City University of Hong Kong have developed a wireless, soft e-skin. It makes it possible to detect touches and transfer them using Bluetooth via a network of users. The e-skin contains 16 flexible actuators with sensors. Once the actuator is pressed and released by an external force, a current is induced to deliver a tactile sensation to a corresponding actuator in the network. The deeper the sender presses, the stronger and longer the sensation generated on the other e-skin. The e-skin can help to enhance the immersion of distance touch communication.