

Poster Presentation

[INPp1]Interactive Technologies

Thu. Nov 28, 2019 2:30 PM - 5:00 PM Main Hall (1F)

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[INPp1-4L]AroundSense: An Input Method for Gestures around a Smartphone

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Keywords: Mobile interaction, Hand gesture, Distance-measuring sensor

In this paper, we propose a gesture input method around a smartphone. Each gesture is detected by a distance-measuring sensor array attached to the side of a smartphone. We evaluated the accuracy of gesture recognition, and obtained an average accuracy of about 92.9% when identifying six distinct gestures.