

Poster Presentation

[VHFp3/INPp2]Ergonomics of Interaction Technologies

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

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[VHFp3/INPp2-1]Wearable Stick-Slip Display on Fingertip to Reproduce Rubbing Sensation

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Keywords:Stick-slip display, rubbing sensation, fingertip, wearable

We developed a wearable stick-slip display using a rotating cylindrical contactor to reproduce friction sensation during rubbing a material. This paper introduces the mechanism of our device and a method to reproduce sensation of rubbing a silicon rubber or a wood based on the data measured by a force sensor.