

Oral Presentation

[INP4]Haptic Technologies (2)

Special Topics of Interest on Automotive Displays

Chair: Masashi Konyo (Tohoku University)

Co-Chair: Vibol Yem (Tokyo Metropolitan University)

Thu. Nov 28, 2019 5:20 PM - 6:50 PM Room 206 (2F)

6:35 PM - 6:50 PM

[INP4-4L]8.4" Tactile Touch Display using Segmented-electrode array as both tactile pixels and touch sensors

*Takuya Asai¹, Hiroshi Haga¹, Shin Takeuchi¹, Harue Sasaki¹, Koji Shigemura¹ (1. Tianma Japan (Japan))

Keywords:tactile display, electrostatic, segmented-electrode, free-shaped tactile sensation

We developed an electrostatic-tactile touch display using a segmented-electrode array as both tactile pixels and touch sensors. This structure allows presenting real localized tactile textures in any shape. A driving scheme in which the tactile strength is independent of the grounding state of the human body was also demonstrated.