

Oral Presentation

## [INP4]Haptic Technologies (2)

Special Topics of Interest on Automotive Displays

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

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6:35 PM - 6:50 PM

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

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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.