[INP5] AR/VR Interactive Technologies

Special Topics of Interest on AR/VR and Hyper Reality
Chair: Takamichi Nakamoto (Tokyo Institute of Technology)
Co-Chair: Shunsuke Yoshimoto (University of Tokyo)
Fri. Nov 29, 2019 9:00 AM - 10:35 AM Room 206 (2F)

10:15 AM - 10:35 AM

[INP5-4] An Interactive Holographic Light-Field Display Color-Aided 3D-touch User Interface

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Keywords: Light-field, 3D-interaction, displays, holography, touchable-interface

The author’s group previously demonstrated a holographic light-field display with a 3D touch interface, based on the detection of scattered light by the user. That interface is now improved by realizing real-time interactivity and the implementation of 3D motion detection using the color information captured by an RGB sensor.