

Oral Presentation

## [INP1]In-Cell Touch Panels and Fingerprint Sensors

Special Topics of Interest on Automotive Displays

Chair: Noemie Ballot (ISORG)

Co-Chair: Yuji Suzuki (Japan Display Inc.)

Wed. Nov 27, 2019 1:40 PM - 2:56 PM Room 206 (2F)

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2:06 PM - 2:21 PM

## [INP1-5L]Reduction of Moving Optical Illusion through Synchronization with Eye Movement

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Keywords:optical illusion, eye tracking, dynamic image compensation, visual information control

Optical illusions distort our visual information. We propose a system that enables control of imagery rotation synchronously with eye movement. Our subject experiment using Rotating Snakes Illusion suggests that the appropriate performances of compensation can reduce the intensity of the illusion even without eye fixation.