

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)

2:31 PM - 2:56 PM

[INP1-3(Invited)]Large-Area Optical Fingerprint Sensors for Next Generation Smartphones

*Noemie Ballot¹ (1. ISORG (France))

Printing-based organic photodiodes have demonstrated cost effective process and compatibility with Flat Panel industry equipment making large area optical fingerprint sensors viable for volume production. Large area thin film-based optical collimator enables simple behind display integration. Advantages of this technology are high security level for fingerprint, enhanced ease of use and slim module.