

Session Title:	44. Multisensory Technology for Display and Beyond 2
Session Date:	August 26 (Fri.), 2022
Session Time:	09:00-10:25
Session Room:	Room D (218)
Session Chair(s):	Prof. Su Seok Choi (POSTECH, Korea)

[D44-1] [Invited] 09:00-09:25

Liquid Crystal Speckle Reducers for Immersive and Projector Displays

Stephen M. Morris, Yihan Jin, Nathan Spiller, David J. Hansford, Chao He, and Steve J. Elston
(Univ of Oxford, UK)

[D44-2] 09:25-09:40

2T Voltage-Mode Active Pixel Circuit for Optical Fingerprint in Dual Gate Indium Gallium Zinc Oxide Technology

Aris Siskos (KU Leuven, Belgium), Florian De Roose, Marc Ameys (IMEC, Belgium), Auke J. Kronemeijer, Albert van Breemen, Hylke B. Akkerman (TNO/Holst Centre, The Netherlands), Wim Dehaene, and Kris Myny (KU Leuven, Belgium)

[D44-3] 09:40-09:55

Self-Powered, Ambient Light Self-Rejection Fire Monitoring Via Solution-Processed Perovskite $\text{CaTiO}_3/\text{NiO}$ Heterostructure UVC Photodetector

Subin Lee, Taehyun Park, Jaehyun Hur, and Hocheon Yoo (Gachon University, Korea)

[D44-4] 09:55-10:10

A New Conjugated Donor Polymer for Organic Photodetectors Applicable to the Organic Semiconductor-Based Biometric Sensor

Jong Baek Park, Ezgi Darici (CLAP Co., Ltd., Korea), WonJo Jeong, In Hwan Jung (Hanyang Univ., Korea), and Kangil Seo (CLAP Co., Ltd., Korea)

[D44-5] 10:10-10:25

Room Temperature Sub-ppm Sensitivity of Silicon Microwires Based Gas Sensor

Quang Trung Le and Jaekyun Kim (Hanyang Univ., Korea)