
Session Title: 01. OLED System & Applications I

Date: Aug. 24, 2016 (Wednesday)

Time: 08:30~10:15

Room Room A (Halla A)

Session Chairs Prof. Hong-Bo Sun (Jilin Univ., China)

A1-1

08:30~08:55

[Invited] Advanced Near-to-Eye Displays and Sensors by OLED Microdisplays

Uwe Vogel, Bernd Richter, Olaf Hild, Philipp Wartenberg, Karsten Fehse, Matthias Schober, Stephan Brenner, Judith Baumgarten, Peter König, Beatrice Beyer, Gerd Bunk, Steffen Ulbricht, Christian Schmidt, Matthias Jahnel, Elisabeth Bodenstein, Stefan Saager, Christoph Metzner, and Volker Kirchoff (Fraunhofer Inst. for Organic Electronics, Electron Beam and Plasma Tech. FEP, Germany)

A1-2

08:55~09:10

Uniformity and Crosstalk Simulation on 55-inch AMOLED Panel with 4K Resolution Influenced by TFT Output Characteristics

Reiji Hattori, Chang-Hoon Shim, Chihiro Tsukii (Kyushu Univ., Japan), and Tsuneo Munakata (Jedat Inc., Japan)

A1-3

09:10~09:25

TOC (TFT On Color Filter) Process for Polarizer-Free OLED Panel

Ho-young Jeong, Seung-Hee Nam, Kwon-shik Park (LG Display, Korea), and Jin Jang (Kyung Hee Univ., Korea)

A1-4

09:25~09:50

[Invited] New Architectures for OLED Displays: How to Increase Lifetime and Resolution

Michael S. Weaver, Woo-young So, Michael G. Hack, and Julie J. Brown (Universal Display Corp., U.S.A.)

A1-5

09:50~10:15

[Invited] Integration Strategy For Flexible and Stretchable Solid State Display

Muhammad Mustafa Hussain, Amir Hanna, Kelvin Chow, and Marlon Diaz (King Abdullah Univ. of Science and Tech., Saudi Arabia)