

IMiD 2024

The 24th International Meeting on Information Display
August 20-23, 2024 / ICC Jeju, Jeju, Korea

Session Title:	10. Special Session II: High Resolution Frontplane Technologies for XR II
Session Date:	August 21 (Wed.), 2024
Session Time:	10:50-12:10
Session Room:	Room B (Halla B)

[B10-1] [Invited] 10:50-11:15

High Brightness Microdisplays Combining Multi-Stack OLED Frontplanes with Advanced SXGA CMOS Backplanes

John Hamer, Jonathon Schrecengost, Daniel Fleischer, Xiao Ni, Suzannah Hamer, Jeffrey Spindler, J.P. DesOrmeaux, Ryan Mashack, Shannon Mason, Greg Waterman, Anatole Pleten, Michael Andre, Joseph Heberger, Jeremy Caton, Jonathan Schnapp, John Engstrom, David Scott, Chris Reckner, Daniel Scully (OLEDWorks LLC, USA), Philipp Wartenberg, and Bernd Richter (Fraunhofer IPMS, Germany)

[B10-2] [Invited] 11:15-11:40

High Resolution Evaporator For 10Kppi RGB OLEDs XR Displays

Changhun Hwang (OLEDON, Korea)

[B10-3] 11:40-11:55

Optical Crosstalk Effect Depending on Pixel Structures in the High-Resolution Full-Color Organic Light-Emitting Diode Displays with Quantum Dot Color Conversion Layers

Soobin Sim, Chaehyun Bae (Sookmyung Women's Univ., Korea), Chan-mo Kang, Hyunsu Cho, Jin-Wook Shin, Sukyung Choi, Byoung-Hwa Kwon, Gi Heon Kim, Chun-Won Byun, Nam Sung Cho (ETRI, Korea), Hyoc Min Youn, Jin Sun Kim, JongHo Jeong (Dongjin Semichem Co., Ltd., Korea), and Hyunkoo Lee (Sookmyung Women's Univ., Korea)

[B10-4] 11:55-12:10

Color-Tunable Phosphorescent Organic Light-Emitting Diodes with Various Semi-Transparent Intermediate Electrodes for High-Resolution Displays

Yeonsu Hwang and Hyunkoo Lee (Sookmyung Women's Univ., Korea)