

IMiD 2024

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

Session Title:	02. Special Session II: High Resolution Frontplane Technologies for XR I
Session Date:	August 21 (Wed.), 2024
Session Time:	09:00-10:30
Session Room:	Room B (Halla B)
Chair(s):	Prof. Hyunkoo Lee (Sookmyung Women's Univ., Korea) Prof. Changhun Hwang (OLEDON, Korea)

[B02-1] [Invited] 09:00-09:25

CMOS Integrated Circuitry Active-Matrix Backplane Design for High-Resolution XR Microdisplays

P. Wartenberg, A. Fritscher, S. Damnik, S. Brenner, J. Baumgarten, S. Lenk, K. Fehse, D. Schlebusch, M. Törker, J. Zeltner, C. Schmidt, M. Rolle, J. Mütze, F. Schuster, B. Richter, and U. Vogel (Fraunhofer Inst. for Photonic Microsystems IPMS, Germany)

[B02-2] [Invited] 09:25-09:50

OLED Color Patterning Technologies for AR/VR and IT Displays

Chiwoo Kim, Jae Hoon Jung, and Kiro Jung (APS Inc., Korea)

[B02-3] [Invited] 09:50-10:15

Direct in Situ Photolithography of Perovskite Quantum Dots

Gaoling Yang and Haizheng Zhong (Beijing Inst. of Tech., China)

[B02-4] 10:15-10:30

Dual Color Emission in One Pixel to Achieving High-Resolution in AR/VR Application

Jae-In Yoo, Hyo-Bin Kim, Sung-Cheon Kang (Sungkyunkwan Univ., Korea), Suk-Ho Song (Samsung Electronics Co., Ltd., Korea), and Jang-Kun Song (Sungkyunkwan Univ., Korea)