

iMiD 2025

The 25th International Meeting on Information Display
August 19-22, 2025 / BEXCO, BUSAN, KOREA

Session Title:	11. Display Systems for High-Performance XR
Session Date:	August 20 (Wed.), 2025
Session Time:	10:50-12:10
Session Room:	Room C (217)
Session Chair(s):	Prof. Hojin Lee (Soongsil Univ., Korea) Prof. Sung In Cho (Dongguk Univ., Korea)

[C11-1] [Invited]	10:50-11:15
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Design Challenges and Solutions for Source Driver ICs in OLED-on-Silicon (OLEDoS) Microdisplays

Junghwan Oh, Dong-Kun Lee, and Jong-Seok Kim (Hanyang Univ., Korea)

[C11-2]	11:15-11:30
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A 7T1C 5644 PPI OLED on Silicon Pixel Circuit with 1.2V and 5.5V Transistors in 28nm CMOS Process

Hyeon-Ji Lee and Byong-Deok Choi (Hanyang Univ., Korea)

[C11-3]	11:30-11:45
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Supporting Field Sequential Color Displays with MIPI DPHY/DSI to Use a Standard Video Interface for XR Applications

Wook Hong, Bonggu Hwang, Kiyong Kwon, and Joon Goo Lee (RAONTECH, Korea)

[C11-4] [Invited]	11:45-12:10
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Digital Human Avatars in Medical XR: Enhancing Visualization and Interaction with Glasses-Free 3D

Nan Zhang (Chinese Academy of Sciences, China)