

IMiD 2023

The 23rd International Meeting on Information Display
August 22-25, 2023 / BEXCO, BUSAN, KOREA

Session Title:	45. Metaverse and XR Technologies
Session Date:	August 25 (Fri.), 2023
Session Time:	09:00-10:30
Session Room:	Room E (311~312)
Session Chair(s):	Dr. Jae Bum Cho (Samsung Display Co., Ltd., Korea) Dr. Keehoon Hong (ETRI, Korea)

[E45-1] [Featured Invited] 09:00-09:30

Metaverse and XR Technologies

Hiroshi Mukawa (Sony Semiconductor Solutions Corp., Japan)

[E45-2] 09:30-09:45

Self-Aligned Microdisplay Architecture for AR/VR Applications

Ehsan Fathi and Reza Chaji (VueReal Inc., Canada)

[E45-3] 09:45-10:00

Power Saving and Memory Size Reduction Methods of Digital Burn-In Compensation for Virtual Reality Display

Byung Geun Jun, Jeong-Keun Ahn, Jim Zhuang, and Jacob Choi (Meta Platforms Inc., USA)

[E45-4] 10:00-10:15

Simulation Study of Micro-Lens Array for Improving the Optical Properties of Virtual Reality System

Kilbock Lee, Donghee Nam, Jim Zhuang, and Jacob Choi (Meta Platforms Inc., USA)

[E45-5] 10:15-10:30

Optimization for Micro-Lens and Color-Filter in AR-VR Applications

Sangmin Shin and Dong-Wan Kang (LinkGlobal21 Co., Ltd., Korea)