

IMiD 2024

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

Session Title:	04. Recent Developments in AR/VR/MR Displays
Session Date:	August 21 (Wed.), 2024
Session Time:	09:00-10:20
Session Room:	Room D (301)
Chair(s):	Prof. Qiong-Hua Wang (Beihang Univ., China) Prof. Jae-Hyeung Park (Seoul Nat'l Univ., Korea)

[D04-1] [Invited] 09:00-09:25

The Trend of MR Display Technology

Jacob Choi and Jim Zhuang (Meta, USA)

[D04-2] [Invited] 09:25-09:50

Effects of Viewing Angle and Viewing Distance on Head Motion in Near-Eye Displays

Sumio Yano (Shimane Univ., Japan) and Shuichi Ojima (Sojo Univ., Japan)

[D04-3] 09:50-10:05

Semi-Transparent CMOS Backplane for Advanced Near-to-Eye Microdisplays

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

[D04-4] 10:05-10:20

High Index, UV Stable NIL Formulation for AR Waveguides

Benjamin Balfanz, Mariah Durant, Selina Monickam, Peter Guschl, Serpil Gonen Williams, and Vincent Jao (Pixelligent Technologies LLC, USA)