

IMI D 2023

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

Session Title:	53. Optics for AR/VR/MR/3D
Session Date:	August 25 (Fri.), 2023
Session Time:	10:40-12:05
Session Room:	Room E (311~312)
Session Chair(s):	Mr. Hiroshi Mukawa (Sony Semiconductor Solutions Corp., Japan) Dr. Jisoo Hong (KETI, Korea)

[E53-1] [Invited] 10:40-11:05

Wide Viewing Zone Autostereoscopic Display Using High-Aperture-Ratio Parallax Barrier

Goro Hamagishi, Kayo Yoshimoto, and Hideya Takahashi (Osaka Metropolitan Univ., Japan)

[E53-2] 11:05-11:20

Three-Dimensional Waveguide-Based Augmented Reality Display

NaiQin Zhao, JiaSheng Xiao, PeiXin Weng, and Hao Zhang (Tsinghua Univ., China)

[E53-3] 11:20-11:35

Aberration Analysis in Large Numerical Aperture Concave Mirror Holographic Optical Elements

Seongju Lee, Hosung Jeon, Woonchan Moon, and Joonku Hahn (Kyungpook Nat'l Univ., Korea)

[E53-4] 11:35-11:50

Increasing Vection Strength by Adding Expanding Grating at Periphery of Visual Field

Kosuke Nakanishi, Haruki Mizushina, and Kenji Yamamoto (Tokushima Univ., Japan)

[E53-5] 11:50-12:05

Binocular Disparity of the Aerial Image Reconstructed Behind the Observer

Hiroki Takatsuka (Utsunomiya Univ., Japan), Munekazu Date, Ayumi Matsumoto, Masaki Kitahara (NTT Corp., Japan), Masaki Yasugi, and Hirotsugu Yamamoto (Utsunomiya Univ., Japan)