

IMI D 2023

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

Session Title:	69. Emerging Technologies for AR/VR/MR/3D
Session Date:	August 25 (Fri.), 2023
Session Time:	14:50-16:25
Session Room:	Room E (311~312)
Session Chair(s):	Dr. Haruki Mizushina (Tokushima Univ., Japan) Dr. Kihong Choi (ETRI, Korea)

[E69-1] [Invited] 14:50-15:15

Motion Parallax Can Improve Perceived Depth Instability in Stereo Images with Left-Right Size Mismatch

Haruki Mizushina, Yusuke Fukuta, Shiro Suyama (Utsunomiya Univ., Japan), and Kenji Yamamoto (Tokushima Univ., Japan)

[E69-2] 15:15-15:30

Volumetric Display with a Centimeter-Sized Laser Drawing Space

Yoshio Hayasaki, Tatsuki Mori, and Kota Kumagai (Utsunomiya Univ., Japan)

[E69-3] 15:30-15:45

Realization and Evaluation of Accurate Depth Perception by Stereo DFD (Depth-Fused 3D) Rendering in Multilayer Stereo Display

Yuto Morishita (Tokushima Univ., Japan), Munekazu Date, Ayumi Matsumoto, Masaki Kitahara (Nippon Telegraph and Telephone Corp., Japan), Haruki Mizushina, Shiro Suyama, and Kenji Yamamoto (Tokushima Univ., Japan)

[E69-4] 15:45-16:00

Volumetric Image with Micro Cloud Voxels Excited by Femtosecond Laser Pulses

Keisuke Numazawa, Kota Kumagai, and Yoshio Hayasaki (Utsunomiya Univ., Japan)

[E69-5] [Invited] 16:00-16:25

AR Contact Lens Using Holography

Yasuhiro Takaki (Tokyo Univ. of Agriculture and Tech., Japan)