

IMiD 2021

The 21st International Meeting on Information Display
August 25-27, 2021 / COEX, Seoul, Korea

Session Title:	[WC2] Oral 06. AR/VR/MR and 3D Display Optics
Session Date:	August 25 (Wednesday), 2021
Session Time:	15:00-16:30
Session Room:	Room C (104+105)
Session Chair(s):	Jisoo Hong (KETI, Korea) Soon-gi Park (Letinar, Korea)

[WC2-1] [Featured Invited] **On-line (Live Streaming) / 15:00-15:30**

TBA

Hong Hua (Univ. of Arizona, USA)

[WC2-2] **Off-line / 15:30-15:45**

Thin Virtual Reality Display Using Fresnel Lenslet Array with Low Distortion

Kiseung Bang, Youngjin Jo, Minseok Chae, and Byoung-ho Lee (Seoul Nat'l Univ., Korea)

[WC2-3] **Off-line / 15:45-16:00**

2D/3D Image Switching Holographic Waveguide-Type HOE Using the LC-MLA

Nyamsuren Darkhanbaatar, Munkh-Uchral Erdenebat, Anar Khuderchuluun, Byung-Chul Lee (Chungbuk Nat'l Univ., Korea), Hak-Rin Kim (Kyungpook Nat'l Univ., Korea), and Nam Kim (Chungbuk Nat'l Univ., Korea)

[WC2-4] **Off-line / 16:00-16:15**

See-Through 360-Degree High-Speed Light-Field Display Using Holographic Asymmetric Diffuser

Mun Seong Park, Myung jun Ko, Daerak Heo, Hosung Jeon, Minwoo Jung, and Joonku Hahn (Kyungpook Nat'l Univ., Korea)

[WC2-5] **Off-line / 16:15-16:30**

Light Field Display Modeling

Ji Ho Lee, Hea In Jeong, and Young Ju Jeong (Sookmyung Women's Univ., Korea)

[WC2-6] [Invited] **On-line (Pre-recorded) / On-demand**

Light-Field AR Glasses

Tomas Sluka (CREAL, Switzerland)

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[WC2-7] [Invited]

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TBA

Martin Banks (UC Berkeley, USA)

[WC2-8] [Invited]

On-line (Pre-recorded) / On-demand

Recent Progresses in Time-Multiplexed Parallax Barrier Technologies

Hideki Kakeya (The Univ. of Tsukuba, Japan)

[WC2-9]

On-line (Pre-recorded) / On-demand

Fast Tunable 8-Focus Ferroelectric Liquid Crystal Lenses for Virtual Reality

Zheng-Nan Yuan, Ming Cheng, Zhi-Bo Sun, An-Ran Li, Souptik Mukherjee, Hoi-Sing Kwok, and Abhishk. K. Srivastava (Hong Kong Univ. of Science and Tech., China)

[WC2-10]

On-line (Pre-recorded) / On-demand

Visual Discomfort Reduction in Head Mounted Display by Moving the Lens according to the Gaze-Point Motion

Yuto Mori, Haruki Mizushima, Kenji Yamamoto, and Shiro Suyama (Tokushima Univ., Japan)

[WC2-11]

On-line (Pre-recorded) / On-demand

Robust Hazy Film with High Optical Transmittance to Reduce Screen-Door Effect in Virtual Reality Display

Won Seok Cho and Jong-Lam Lee (POSTECH, Korea)

[WC2-12]

On-line (Pre-recorded) / On-demand

Analysis of Zernike Aberration in Off-Axis HOE for AR Glasses

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