

Session Title:	29. Holography and Metasurface
Session Date:	August 25 (Thu.), 2022
Session Time:	11:00-12:25
Session Room:	Room E (311~312)
Session Chair(s):	Prof. Jae-Hyeung Park (Inha Univ., Korea)

[E29-1] [Invited] 11:00-11:25

Towards High-Quality Holographic Displays with Deep-Learning and Binary Optimization
Byounghyo Lee and Sunghee Hong (KETI, Korea)

[E29-2] 11:25-11:40

Metasurface-Based Structured Light Illumination over Full-Space for Three-Dimensional Imaging
Gyeongtae Kim, Yeseul Kim, Jooyeong Yun, and Junsuk Rho (POSTECH, Korea)

[E29-3] 11:40-11:55

Holographic Concave Pin-Mirror for Augmented Reality Glasses
Hyunbeen Jang, Hosung Jeon, Seongju Lee, Munseong Park, and Joonku Hahn (Kyungpook Nat'l Univ., Korea)

[E29-4] 11:55-12:10

The Design Principles and the Experimental Characterization of Electrically Tunable Bifocal Metalens System
Yeseul Kim, Trevon Badloe, Inki Kim, Joohoon, and Junsuk Rho (POSTECH, Korea)

[E29-5] 12:10-12:25

Holographic Aberrations Compensation of Near-Eye Display with Holographic Optical Element
Seongju Lee, Hosung Jeon, Daerak Heo, Woonchan Moon, Minwoo Jung, and Joonku Hahn (Kyungpook Nat'l Univ., Korea)