

IMiD 2018

August 28 - 31, 2018 / BEXCO, Busan, Korea

Session Title: 05. Near-Eye Display for AR/VR/MR
Date: Aug. 29 (Wed.), 2018
Time: 09:00~10:20
Room E (Room 311~312)
Session Chairs: Prof. Jae-Hyeung Park (Inha Univ., Korea)

[E5-1]

09:00~09:25

[Invited] Advanced OLED Microdisplays for Virtual- and Augmented-Reality Applications

Uwe Vogel, Philipp Wartenberg, Bernd Richter, Stephan Brenner, Karsten Fehse, and Matthias Schober (Fraunhofer FEP, Germany)

[E5-2]

09:25~09:50

[Invited] OLED Micro-Displays for Virtual Reality (VR) & Augmented Reality (AR)

Amalkumar Ghosh, Ilyas Khayrullin, Qi Wang, Evan Donoghue, Tariq Ali, Ihor Wacyk, Kerry Tice, Fridrich Vazan, Olivier Prache, and Laurie Sziklas (eMagin Corp., USA)

[E5-3]

09:50~10:05

[Oral] Video Upscaling on a Panel for High Resolution Microdisplay Systems

Sung-Wook Eo, Wook Hong, Ho Kwon Kim, and Joon Goo Lee (RAONTECH Inc., Korea)

[E5-4]

10:05~10:20

[Oral] Multi Focal Head Mounted Display Using Polarization Directed Flat Lens

Hoyoung Jung, Nari Kim, Sehoon Kim, and Wonhee Choe (Samsung Electronics Co., Ltd., Korea)