

IMiD 2017

August 28 - 31, 2017 / BEXCO, Busan, Korea

Session Title: 21. AR/VR: Technical Challenges and Approaches

Date: Aug. 30, 2017 (Wednesday)

Time: 09:00-10:20

Room: E (Room 104-105)

Session Chairs: Prof. Hong Hua (The Univ. of Arizona, USA)

[E21-1]

09:00-09:25

[Invited] Technical Challenges and Approaches to Developing Displays for AR/MR Applications

Hong-Seok Lee, Wontaek Seo, Yun-Tae Kim, Juwon Seo, Geeyoung Sung, Jungkwuen An, Chil-Sung Choi, Sunil Kim, Hojung Kim, Yongkyu Kim, Young Kim, Kanghee Won, Yunhee Kim, Hoon Song, and Sungwoo Hwang (Samsung Electronics Co., Ltd., Korea)

[E21-2]

09:25-09:50

[Invited] Computational Projection Display for AR/VR

Daisuke Iwai (Osaka Univ., Japan)

[E21-3]

09:50-10:05

A Practical Approach to Mitigate VR-Sickness for Mobile VR Devices

Sehoon Kim, Wonhee Choe, Nupur Kala, and Jaesung Lee (Samsung Electronics Co., Ltd., Korea)

[E21-4]

10:05-10:20

Multi-Layer Head-Mounted Display with Active Mask LCD

Mugeon Kim, Daerak Heo, and Joonku Hahn (Kyungpook Nat'l Univ., Korea)