

iMiD 2021

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

Session Title:	[WB3] Oral 08. High Resolution Display and Technologies
Session Date:	August 25 (Wednesday), 2021
Session Time:	17:00-18:05
Session Room:	Room B (103)
Session Chair(s):	Hyunkoo Lee (Sookmyung Women's Univ., Korea) Donggu Lee (Gyeongsang Nat'l Univ., Korea)

[WB3-1] [Invited] On-line (Pre-recorded) / On-demand

High-Resolution OLED Microdisplays Providing Digital Micro-Photoemission and -Detection for Imaging and Excitation

Uwe Vogel, Philipp Wartenberg, Judith Baumgarten, and Bernd Richter (Fraunhofer Inst. for Organic Electronics, Germany)

[WB3-2] [Invited] Off-line / 17:00-17:25

Development of RGB Direct Patterning OLED Micro-Display

Jae Hoon Jung, Chiwoo Kim, Dong Young Sung, Jae Seok Park (APS Holdings Corp., Korea), Taekyung Kim (Hongik Univ., Korea), Jong Kab Park, Doh Hoon Kim, and Kiro Jung (APS Holdings Corp., Korea)

[WB3-3] [Invited] On-line (Pre-recorded) / On-demand

Improving the Outcoupling Efficiency of OLED Displays

Wan-Yu Lin, Chung-Chia Chen, Hyunsung Bang, Lisong Xu, Gang Yu, B. Leo Kwak, Robert Jan Visser (Applied Materials, Inc., USA), Yi-Ting Chen, Sheng-Wen Wen, Po-Hsiang Liao, Chang-Cheng Lee, Wei-Kai Lee, Chun-Wei Huang, Guo-Dong Su, Hoang Yan Lin, and Chung-Chih Wu (Nat'l Taiwan Univ., Taiwan)

[WB3-4] [Invited] Off-line / 17:25-17:50

High-Resolution Patterning of OLEDs through Solution and Evaporation Hybrid Process

Kwan Hyun Cho, Jun Yeub Lee, Yong-Cheol Jeong, and Kyung-Tae Kang (KITECH, Korea)

[WB3-5] [Invited] On-line (Pre-recorded) / On-demand

Technology Developments in FMM-Free Direct R-G-B Smart OLED Pixels

Tung-Huei Ke, Calvin Mona Sandeheng, Erwin Vandenplas, Pawel E. Malinowski, and Paul Heremans (IMEC, Belgium)

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[WB3-6]

Off-line / 17:50-18:05

3,000 ppi Monochrome White Micro-Display based on Organic Light Emitting Diodes on Silicon (OLEDoS) with Low Driving Voltage Characteristics

Myungchan An, Yong Woo Kwon, and Hyeong Woo Bae (GERI, Korea)