

IMiD 2023

The 23rd International Meeting on Information Display
August 22-25, 2023 / BEXCO, BUSAN, KOREA

Session Title:	39. Advanced Manufacturing II
Session Date:	August 24 (Thu.), 2023
Session Time:	16:00-17:10
Session Room:	Room G (314~315)
Session Chair(s):	Prof. Doyoung Byun (Sungkyunkwan Univ., Korea) Prof. Heeyeop Chae (Sungkyunkwan Univ., Korea)

[G39-1] [Invited] 16:00-16:25

Development and Mechanical Analysis of Multi-Functional Encapsulation for Reliable Next-Generation OLED Displays

Hyeongjun Lee, Hyeunwoo Kim (Sun Moon Univ., Korea), Seung Jin Oh, Sun-Woo Lee, Taek-Soo Kim (KAIST, Korea), and Jeong Hyun Kwon (Sun Moon Univ., Korea)

[G39-2] 16:25-16:40

Machine Learning Assisted High-Precision Drop-on-Demand Patterning of Charged Droplets for 3D Printing Applications

Shaheer Mohiuddin Khalil, Vu Dat Nguyen, Jaewoo Jeong, Diva Pradhan, and Doyoung Byun (ENJET Co., Ltd., Korea)

[G39-3] 16:40-16:55

Concept and Process for a Patterned Quantum Dot Film with 30um Pixel Pitch

Yeongbeom Lee, Youngji Lim, Jeongno Lee, Gang Yeol Yoo, Kyoungwon Park, and Chul Jong Han (KETI, Korea)

[G39-4] 16:55-17:10

Defect Image Augmentation Method for Effective Deep-Learning in Display Panel Inspection

Sanghoon Cho and Daekeun Shin (Samsung Display Co., Ltd., Korea)