

IMiD 2023

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

Session Title:	64. Display Components/Systems for Next Generation Display
Session Date:	August 25 (Fri.), 2023
Session Time:	13:10-14:35
Session Room:	Room H (316~317)
Session Chair(s):	Dr. Jaemin Lee (KRICT, Korea)

[H64-1] [Invited] 13:10-13:35

Pilot Researches about the Applications of Carbon Nanotube and Related Materials in Display

Peng Liu, Liang Liu, Kaili Jiang, and Shoushan Fan (Tsinghua Univ., China)

[H64-2] 13:35-13:50

A Mobility Tunable Color E-Paper based on Electrophoretic Particles Modified by Mixed Acid-Base Functional Groups

Yue Zhang, Feng Xiong, Jinglan Yang, Debo Zeng, Zheng Zeng, and Bo-Ru Yang (Sun Yat-Sen Univ., China)

[H64-3] 13:50-14:05

Revolutionizing Micro-LED Displays: A Ferroelectric FET-Based Method for MURA-Free Display with Enhanced Light Compensation

Taewon Jin (Hanyang Univ., Korea), Sanghyeon Kim (KAIST, Korea), Jaehoon Han, Daehwan Ahn (KIST, Korea), Seongui An, Taehyeon Noh, Xinkai Sun, Cheoljun Kim (Hanyang Univ., Korea), Juhyuk Park (KAIST, Korea), and Younghyun Kim (Hanyang Univ., Korea)

[H64-4] 14:05-14:20

Next-Generation OLED Technology: Multi-Functional Sensor OLED Display

Sung Wook Kim, Seokgyu Yoon, Min-Soo Choi, Jinsoo Jung, Hoilim Kim, Dae-Young Lee, Seunghyun Moon (Samsung Display Co., Ltd., Korea), Kyung-Bae Park (Samsung Electronics Co., Ltd., Korea), and Sunghan Kim (Samsung Display Co., Ltd., Korea)

[H64-5] 14:20-14:35

Auxetic Structured Omnidirectionally Stretchable Glass-Fabric Reinforced Film with Negative Poisson's Ratio of -1 for Distortion-Free Display Substrate

Yung Lee, Hyun Seok Kang, Sehun Park, Junho Jang, and Byeong-Soo Bae (KAIST, Korea)