

IMiD 2022

The 22nd International Meeting on Information Display
August 23-26, 2022 / BEXCO, BUSAN, KOREA

Session Title:	46. Ultra-High Resolution
Session Date:	August 26 (Fri.), 2022
Session Time:	09:00-10:10
Session Room:	Room F (313)
Session Chair(s):	Dr. Chi-Sun Hwang (ETRI, Korea) Prof. Jaehyeung Park (Inha Univ., Korea)

[F46-1] [Invited]

09:00-09:25

5291-ppi Micro OLED Display for Metaverse Enabled by Monolithic Stack of CAAC IGZO FET and Si CMOS

Kiyoshi Kato, Hidetomo Kobayashi, Munehiro Kozuma, Tomoya Aoyama, Shingo Eguchi, Ryota Hodo, Koji Kusunoki, Hitoshi Kunitake, and Shunpei Yamazaki (Semiconductor Energy Laboratory Co., Ltd., Japan)

[F46-2]

09:25-09:40

Stacked Vertical Oxide TFTs for Ultra High Resolution Display

Yong-Hae Kim, Jong-Heon Yang, Jae-Eun Pi, and Chi-Sun Hwang (ETRI, Korea)

[F46-3]

09:40-09:55

Improvement in Device Performance of Mesa-Shaped Vertical-Channel Thin-Film Transistors Using In-Ga-Zn-O Bilayer Channels Prepared by ALD Process

Hyun-Min Ahn (Kyung Hee Univ., Korea), Young-Ha Kwon, Nak-Jin Seong, Kyu-Jeong Choi (NCD Co., Ltd., Korea), Chi-Sun Hwang (ETRI, Korea), and Sung-Min Yoon (Kyung Hee Univ., Korea)

[F46-4]

09:55-10:10

Analysis on Short-Channel Effects of Thin Film Transistors Using Composition-Modified In-Ga-Sn-O Channels Prepared by Atomic-Layer Deposition

Shin-Ho Noh, Hyo-Eun Kim (Kyung Hee Univ., Korea), Jong-Heon Yang, Yong-Hae Kim (ETRI, Korea), Young-Ha Kwon, Nak-Jin Seong (NCD Co., Ltd., Korea), Chi-Sun Hwang (ETRI, Korea), Kyu-Jeong Choi (NCD Co., Ltd., Korea), and Sung-Min Yoon (Kyung Hee Univ., Korea)