

IMiD 2023

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

Session Title:	66. Emerging TFT
Session Date:	August 25 (Fri.), 2023
Session Time:	14:50-16:15
Session Room:	Room B (214~215)
Session Chair(s):	Prof. Takafumi Uemura (Osaka Univ., Japan) Prof. Tae In Kim (Inha Univ., Korea)

[B66-1] [Invited] 14:50-15:15

High-Temperature and High-Luminance Characteristics for Low-Temperature Polycrystalline Thin-Film Transistor Technologies in AMOLED Displays

Keunwoo Kim, Tien Nguyen Thanh, Bummo Sung, Sangsub Kim, Hanbit Kim, Dokyeong Lee, Jiyeong Shin, Sanggun Choi, Sunhee Lee, Keunho Jang, and Changhee Lee (Samsung Display Co., Ltd., Korea)

[B66-2] 15:15-15:30

OLED Pixel Circuit based on Double Gate Metal Oxide TFT

YiKyoung You and KeeChan Park (Konkuk Univ., Korea)

[B66-3] 15:30-15:45

Enhancement of Scattering Uniformity in Indium Gallium Zinc Oxide Thin Film Devices via Atomic Layer Deposition Equipment

Heung-Jo Lee (Hanyang Univ., Korea), In-Tak Cho, Pil-Sang Yun, Jong-Uk Bae, Woo-Sup Shin (LG Display Co., Ltd., Korea), and Jae-Kyeong Jeong (Hanyang Univ., Korea)

[B66-4] 15:45-16:00

Fabrication of a Ferroelectric Amorphous Oxide Semiconductor FET with Low Temperature Hf-Based Ferroelectric for Emerging Memory Applications

Tae Hyeon Noh, Hyo-Bae Kim, Taewon Jin, Seung Min Park, Seong Ui An, Xinkai Sun, Ji-Hoon Ahn, and Younghyun Kim (Hanyang Univ., Korea)

[B66-5] 16:00-16:15

Designing an N-Channel TFT Inverter with Precise Zero Offset Voltage for High-Performance Applications

Jang Hoo Lee, Seo Yun Kim, Young Jin Kim, Seungjae Moon, and Byung Seong Bae (Hoseo Univ., Korea)