

Session Title:	06. Innovative Compensation Technologies
Session Date:	August 24 (Wed.), 2022
Session Time:	09:00-10:25
Session Room:	Room F (313)
Session Chair(s):	Prof. Soo-Yeon Lee (Seoul Nat'l Univ., Korea)

[F06-1] [Invited] [Merck Young Scientist Award] 09:00-09:25

Deep Anti-Aliasing: Image Restoration for Enhancing Display Defects Detection

Sung-Jun Min (Sogang Univ., Korea), Kyeongbo Kong (Pukyong Nat'l Univ., Korea), and Suk-Ju Kang (Sogang Univ., Korea)

[F06-2] 09:25-09:40

LTPS TFT-Based Pixel Circuit Compensating Threshold Voltage Variations and IR Drops for AMOLED Displays

Sara Hong, Eun Kyo Jung, Ye-Rim Jeong, Eunho Kim, Hwarim Im, and Yong-Sang Kim (Sungkyunkwan Univ., Korea)

[F06-3] 09:40-09:55

Effect of Mobility Compensation on Active-Matrix OLED Pixel Circuit

Ji-Hwan Park, Kyeong-Soo Kang, and Soo-Yeon Lee (Seoul Nat'l Univ., Korea)

[F06-4] 09:55-10:10

Capacitive Sensor Circuit Using α -InGaZnO Thin-Film Transistors

Seo Jin Kang, Hyuck Su Lee, Eun Seong Yu, Seoung Gyun Kim, Chan Min Jeong, Min Seong Kim, Jong Mo Lee, and Byung Seong Bae (Hoseo Univ., Korea)

[F06-5] 10:10-10:25

Negative Shift Prevention Algorithm for Oxide TFT

Chun Byungki and Kim Hyeongmin (Samsung Display Co., Ltd, Korea)