iMiD 2022

The 22nd International Meeting on Information Display

August 23-26, 2022 / BEXCO, BUSAN, KOREA

Session Title:	14. Advanced Driving Circuits
Session Date:	August 24 (Wed.), 2022
Session Time:	10:50-12:25
Session Room:	Room F (313)
Session Chari(s):	Prof. Hojin Lee (Soongsil Univ., Korea) Prof. Byong-Deok Choi (Hanyang Univ., Korea)

[F14-1] [Invited]   10:50-11:15

LTPO GIP Driving Technology for Low Power Consumption and VRR

Jung Chul Kim, Juhn Suk Yoo, Chung Wan Oh, Chung Sik Gong, Han Wook Hwang, and Hyun Jae Kim (LG Display Co., Ltd., Korea)

[F14-2] [Invited]   11:15-11:40

LTPO-Based CMOS TFT Circuit

Yi Kyoung You (Konkuk Univ., Korea), Sang Yong No, Kyung Ho Kim, Gi Chang Lee (Samsung Display Co., Ltd., Korea), and Kee Chan Park (Konkuk Univ., Korea)

[F14-3]   11:40-11:55

A Highly Stable Scan Driver Circuit based on LTPO TFTs for Mobile Displays

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

[F14-4]   11:55-12:10

Adaptive Frequency Driving Scan Driver Combined with Logic Circuit based on a-InGaZnO TFTs

Jinho Moon, Eseudeo Yun, Yongchan Kim, and Hojin Lee (Soongsil Univ., Korea)

[F14-5]   12:10-12:25

Digital Video's Limitations Are Impeding the Market Transition from 4K to 8K Displays. Modulated Analog Video Is the Way Forward!

Alex Henzen and Simon Molloy (HYPHY USA Inc., USA)