

IMiD 2024

The 24th International Meeting on Information Display
August 20-23, 2024 / ICC Jeju, Jeju, Korea

Session Title: 14. Free Form Factor : Backplane

Session Date: August 21 (Wed.), 2024

Session Time: 10:50-12:15

Session Room: Room F (303)

[F14-1]

10:50-11:05

High Throughput and Performance InZnAlO Thin Film Transistor on Polyimide Substrate via Atmospheric Pressure Spatial Atomic Layer Deposition

Dae Jung Kim, Kwang Su Yoo, Chi-Hoon Lee, Ji Min Kim, and Jin-Seong Park (Hanyang Univ., Korea)

[F14-2] [Invited]

11:05-11:30

Oxide semiconductor Thin-Film Transistors Based Active-Matrix Photodetector Arrays

Yingjie Tang, Dingwei Li, Yan Wang (Westlake Univ., China), and Bowen Zhu (Westlake Univ. & Westlake Inst. for Optoelectronics, China)

[F14-3]

11:30-11:45

Hydrogel-Elastomer Hybrid Platform for Effective Heat Dissipation based on Evaporative and Radiative Cooling in Wearable Devices

Byeonggeol Lee, Dongju Jang, and Yongtaek Hong (Seoul Nati'l Univ., Korea)

[F14-4]

11:45-12:00

Strain-Engineered Meta-Elastomer for Stretchable Displays without Image Distortion

Jun-Chan Choi and Seungjun Chung (Korea Univ., Korea)

[F14-5]

12:00-12:15

Effect of Elongation Stress on Island-Bridge Structural Oxide TFT with Metal Interconnects for Stretchable Electronics

Won-Bum Lee, Min-Seo Kim, and Jin-Seong Park (Hanyang Univ., Korea)