

IMiD 2024

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

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| Session Title: | 11. Understanding and Addressing Instabilities of TFTs |
| Session Date: | August 21 (Wed.), 2024 |
| Session Time: | 10:50-12:10 |
| Session Room: | Room C (Samda) |
| Chair(s): | Prof. Mamoru Furuta (Koichi Univ. of Tech., Japan) Dr. Seungjae Moon (UNIST, Korea) |

[C11-1] [Invited] 10:50-11:15

Carrier Transport Mechanisms in Amorphous / Polycrystalline Oxide Semiconductors

Toshio Kamiya (Tokyo Inst. of Tech., Japan)

[C11-2] [Invited] 11:15-11:40

Oxide-TFT Technology for Next-Generation Sustainable Electronics

Kenji Nomura (Univ. of California San Diego, USA)

[C11-3] 11:40-11:55

Analysis of Instability Mechanism under the High Voltage Drain Stress in Oxide Thin Film Transistors

Hyeonjoo Seul, Jaeyoon Park, Dongyeon Kang, Won-Sang Ryu, Jiyong Noh, and Kwon-Shik Park (LG Display Co., Ltd., Korea)

[C11-4] 11:55-12:10

Development of Highly Reliable Oxide TFTs for Display Applications Operating under Harsh Environment

Minho Lee, Hochang Lee, Hyun-cheol Cho, JungHyun Lee, Chan-Yong Jeong, DaeHwan Kim, Jiyong Noh, Kwon-Shik Park, and SooYoung Yoon (LG Display Co., Ltd., Korea)