

# IMiD 2023

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

---

---

<b>Session Title:</b>	01. Oxide TFT I
<b>Session Date:</b>	August 23 (Wed.), 2023
<b>Session Time:</b>	09:00-10:20
<b>Session Room:</b>	Room A (211~213)
<b>Session Chair(s):</b>	Prof. Chuan Liu (Sun Yat-Sen Univ., China)

---

[A01-1] [Invited] 09:00-09:25

**Recent Development of Functional Devices Using Amorphous Gallium Oxide Semiconductor**

Keisuke Ide, Hideo Hosono, and Toshio Kamiya (Tokyo Inst. of Tech., Japan)

[A01-2] 09:25-09:40

**Sub 50 nm Channel Length Oxide Semiconductor Thin-Film Transistor with Self-Aligned Nanogap Patterning**

Chihun Sung, Jeho Na, Sooji Nam, and Sung Haeng Cho (ETRI, Korea)

[A01-3] 09:40-09:55

**Search of Optimal Deposition Conditions and Regression Model of  $\alpha$ -In-Ga-Zn-O by Machine Learning**

Atsushi Shimizu, Keisuke Ide, Takayoshi Katase, Hidenori Hiramatsu, Hideo Hosono, and Toshio Kamiya (Tokyo Inst. of Tech., Japan)

[A01-4] [Invited] 09:55-10:20

**Laser Annealing-Boosted Mobility of Fluorinated InZnO Thin-Film Transistors**

Chen Hua, Xiao Li, and Lei Lu (Peking Univ., China)