

# iMiD 2025

The 25th International Meeting on Information Display  
August 19-22, 2025 / BEXCO, BUSAN, KOREA

<b>Session Title:</b>	<b>05. TFT Technology</b>
<b>Session Date:</b>	<b>August 20 (Wed.), 2025</b>
<b>Session Time:</b>	<b>09:00-10:25</b>
<b>Session Room:</b>	<b>Room E (311~312)</b>
<b>Session Chair(s):</b>	<b>Prof. Jun Takeya (The Univ. of Tokyo, Japan) Prof. Hyun Suk Kim (Dongguk Univ., Korea)</b>

**[E05-1] [Featured Invited]**

**09:00-09:30**

**Efficiency, Wavelength, and Speed Considerations for MicroLEDs in Display and Non-Display Applications**

Ioannis Kymissis, Oliver Durnan, and Megan Noga (Columbia Univ., USA)

**[E05-2] [Invited]**

**09:30-09:55**

**Ferroelectric Thin Film Transistors and Their Applications**

Wenwu Li (Fudan Univ., China), Fucui Liu (Univ. of Electronic Sci. and Tech. of China, China), and Junhao Chu (Fudan Univ., China)

**[E05-3]**

**09:55-10:10**

**Optimization to Obtain Grain-Boundary-Free Crystal Si Formation**

Satoshi Takayama, Nobuo Sasaki (Nara Inst. of Sci. and Tech. & Sasaki Consulting, Japan), and Yukiharu Uraoka (Nara Inst. of Sci. and Tech., Japan)

**[E05-4]**

**10:10-10:25**

**High-Performance  $\alpha$ -IGZO TFT Using Solution Combustion Synthesis High-k  $\text{Al}_2\text{O}_3$  and  $\text{HfO}_2$  Hybrid Gate Insulator**

Dian Budiarti Kastian, Juan Paolo Bermundo, Candell Grace Paredes Quino, and Yukiharu Uraoka (Nara Inst. of Science and Tech., Japan)