

# IMiD 2023

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

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<b>Session Title:</b>	<b>34. High Resolution TFT</b>
<b>Session Date:</b>	<b>August 24 (Thu.), 2023</b>
<b>Session Time:</b>	<b>16:00-17:20</b>
<b>Session Room:</b>	<b>Room B (214~215)</b>
<b>Session Chair(s):</b>	<b>Prof. Joseph Andrews (Univ. of Wisconsin-Madison, USA)</b>

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[B34-1] [Invited] 16:00-16:25

## Vertical Full-Color Micro-LEDs via 2D Materials-Based Layer Transfer

Hyun S. Kum (Yonsei Univ., Korea), Jiho Shin (Massachusetts Inst. of Tech., USA), Hyunseok Kim (Yonsei Univ., Korea), Suresh Sundara (Georgia Tech-Lorraine., France), Junseok Jeong (Yonsei Univ., Korea), Kyusang Lee (Univ. of Virginia, USA), Kwanghun Chung (Massachusetts Inst. of Tech., USA), Young Joon Hong (Sejong Univ., Korea), Abdallah Ougazzaden (Massachusetts Inst. of Tech., USA), and Jeehwan Kim (Yonsei Univ., Korea)

[B34-2] 16:25-16:40

## In-Situ ALD-Assisted Subthreshold Swing Control in IGZO/Al<sub>2</sub>O<sub>3</sub> Multi Channel Structured TFT

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

[B34-3] 16:40-16:55

## Low-Temperature Processed $\alpha$ -IGZO Thin Film Transistors for Thermally Controlled Flexible PET Fibers

Jiseong Lee, Chan Young Kim, Yong Ha Hwang, Seong Uk Kong, and Kyung Cheol Choi (KAIST, Korea)

[B34-4] [Invited] 16:55-17:20

## RGB Direct Patterned 3,000ppi OLED Micro-Display for AR/VR

Jae Hoon Jung, Myong Hwan Choi, Jong Woon Moon, Soho Nam, and Kiro Jung (APS Research Corp., Korea)