

IMiD 2025

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

Session Title:	08. Future Micro LED Technology
Session Date:	August 20 (Wed.), 2025
Session Time:	09:00-10:35
Session Room:	Room H (316~317)
Session Chair(s):	Prof. Young Joon Hong (Sungkyunkwan Univ., Korea) Prof. Daewon Lee (Hanyang Univ., Korea)

[H08-1] [Featured Invited]

09:00-09:30

Advancements and Strategies for Enhancing Efficiency in MicroLED Displays

Chia-Hung Tsai, Yang-En Wu, Fang-Chung Chen (Nat'l Yang Ming Chiao Tung Univ., Taiwan),
and Hao-Chung Kuo (Nat'l Yang Ming Chiao Tung Univ. & Hon Hai Research Inst., Taiwan)

[H08-2] [Invited]

09:30-09:55

Micro-LED Displays Fabricated Chip-First, Enabled by Low-Temperature Organic Transistor Technology

Simon Ogier, Doil Kim (Smartkem Ltd., UK), and Steven Tsai (Smartkem Ltd., Taiwan)

[H08-3] [Merck Young Scientist Award]

09:55-10:20

Toward Highly Efficient and High-Resolution MicroLED Display on CMOS

Sanghyeon Kim (KAIST, Korea)

[H08-4]

10:20-10:35

A New Micro-LED and OLED Hybrid Red Sub-Pixel Circuit and Hybrid ALCC (Auto Luminance and Color Calibration) Technology

Junghoon Kim and Ji-Won Lee (LX Semicon, Korea)