

# IMiD 2023

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

<b>Session Title:</b>	<b>29. Manufacturing Application II</b>
<b>Session Date:</b>	<b>August 24 (Thu.), 2023</b>
<b>Session Time:</b>	<b>11:00-12:10</b>
<b>Session Room:</b>	<b>Room E (311~312)</b>
<b>Session Chair(s):</b>	<b>Prof. Jin-Seong Park (Hanyang Univ., Korea) Dr. YongHo Ra (Jeonbuk Nat'l Univ., Korea)</b>

[E29-1] [Invited]

11:00-11:25

**Monolithic 3D Integration of High-Resolution MicroLED Pixels on CMOS Backplane and Re-Consideration of the Epitaxial Structure of LEDs**

Sanghyeon Kim, Juhyuk Park, Woojin Baek, Hyunsoo Kim (KAIST, Korea), and Daemyeong Geum (Chungbuk Nat'l Univ., Korea)

[E29-2]

11:25-11:40

**Highly Reliable Mini-LED Display Module using Simultaneous Transfer and Bonding (SITRAB) Technology**

Jiho Joo, Gwang-Mun Choi, Chanmi Lee, Jeong-Ho Shin, Yong-Sung Eom, Ki-Seok Jang, Yoon-Hwan Moon, Jin-hyuk Oh, and Kwang-Seong Choi (ETRI, Korea)

[E29-3]

11:40-11:55

**Monolithically Integrated Device of LED with Two Transistors Fabricated on the GaN LED Epi Wafer for Micro-LED Display**

Boseong Son, Huijin Kim, Young-Woong Lee, and Si-Hyun Park (Yeungnam Univ., Korea)

[E29-4]

11:55-12:10

**Comparison Study of III-Nitride-Based Blue and Red Micro-Light-Emitting Diode**

Jeong-Hwan Park, Markus Pristovsek, Wentao Cai, Heajeong Cheong (Nagoya Univ., Japan), Chang-Mo Kang (KPTI, Korea), Dong-Seon Lee (GIST, Korea), Tae-Yeon Seong (Korea Univ., Korea), and Hiroshi Amano (Nagoya Univ., Japan)