



---

---

<b>Session Title:</b>	<b>[MoB2] Micro-LEDs</b>
<b>Session Date:</b>	<b>July 13 (Mon.), 2026</b>
<b>Session Time:</b>	<b>14:00-15:45</b>
<b>Session Room:</b>	<b>Room B (Baekrok Hall B-2, 1F)</b>
<b>Session Chairs</b>	

---

**[MoB2-1] [Invited] 14:00-14:30**

**In Incorporation and Strain Relaxation for Efficient Red InGaN Micro-LEDs: Towards a RGB Monolithic Approach**

A. Dussaigne, J. Bosch, F. Barbier, G. Veux, F. Fedeli, B. Aventurier, D. Cooper, F. Rol, and F. Lévy, CEA-Leti, France

**[MoB2-2] [Invited] 14:30-15:00**

**Enhancing Luminous Efficiency: The Breakthrough of PlayNitride's Tantium® MicroLED**

Ching-Liang Lin<sup>1</sup>, Yi-Ru Huang<sup>2</sup>, Chia-Yun Kao<sup>2</sup>, and Li-Yu Li<sup>1</sup>, <sup>1</sup>Playnitride Inc., Taiwan, <sup>2</sup>Playnitride display Co. Ltd., Taiwan

**[MoB2-3] 15:00-15:15**

**GaN-on-Si Single-Chip Full-Color Micro-LED Display**

Qian Sun<sup>1,2</sup>, <sup>1</sup>Suzhou Lakin Semiconductor Co., Ltd., China, <sup>2</sup>Chinese Academy of Sciences, China

**[MoB2-4] 15:15-15:30**

**Wafer Scale Fabrication of Three-Dimensional InGaN/GaN Nanostructured Quantum Wells for Enhanced Color Controllability of Micro-LEDs**

Mandar Kulkarni and Sang-Wan Ryu, Chonnam National University, Korea

**[MoB2-5] 15:30-15:45**

**Ideal Relaxed InGaN Templates Enabling Ultra-Bright RGB-Emitting MicroLEDs**

Zhaoxia Bi<sup>1,2,3,4</sup>, Magnus Heurlin<sup>3</sup>, Martin Berg<sup>3</sup>, Hira Usman<sup>1</sup>, Nathanael Löfström<sup>1,2,3</sup>, Jiawei Sun<sup>1</sup>, Anders Gustafsson<sup>1,2</sup>, Mikael Björk<sup>2</sup>, and Lars Samuelson<sup>1,2,3</sup>, <sup>1</sup>Southern University of Science and Technology, China, <sup>2</sup>Lund University, Sweden, <sup>3</sup>Hexagem AB, Sweden, <sup>4</sup>Future Display Institute of Xiamen, China