

# IMiD 2024

The 24th International Meeting on Information Display  
August 20-23, 2024 / ICC Jeju, Jeju, Korea

<b>Session Title:</b>	<b>32. Microscale Lighting Materials for Display Applications</b>
<b>Session Date:</b>	<b>August 22 (Thu.), 2024</b>
<b>Session Time:</b>	<b>11:00-12:20</b>
<b>Session Room:</b>	<b>Room H (402)</b>
<b>Chair(s):</b>	<b>Prof. Young Joon Hong (Sejong Univ., Korea) Prof. Moon Sung Kang (Sogang Univ., Korea)</b>

[H32-1] [Invited] 11:00-11:25

**Advanced Microscale Light-Emitting Diodes for Neuroscience Applications**

Xing Sheng (Tsinghua Univ., China)

[H32-2] [Invited] 11:25-11:50

**Vertical-Emitting InGaN Nanorod LED Structure for High-Density Pixel Arrays**

Yong-Ho Ra (Jeonbuk Nat'l Univ., Korea)

[H32-3] 11:50-12:05

**3D  $\mu$ -Lens Printing for Highly Efficient  $\mu$ -LED Arrays Using Thixotropic Siloxane/Silica Nanocomposites**

Byung Jo Um, Hyungshin Kweon, and Byeong-Soo Bae (KAIST, Korea)

[H32-4] 12:05-12:20

**Stabilized and High-Performance Illumination Using Perovskite Quantum Wire Technology**

Qianpeng Zhang (Fudan Univ., China), Daquan Zhang, Zhiyong Fan (Hong Kong Univ. of Science and Tech., Hong Kong, China), and Xiaoliang Mo (Fudan Univ., China)