

# IMiD 2024

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

<b>Session Title:</b>	<b>15. Emerging Materials for Display</b>
<b>Session Date:</b>	<b>August 21 (Wed.), 2024</b>
<b>Session Time:</b>	<b>10:50-12:15</b>
<b>Session Room:</b>	<b>Room G (401)</b>

**[G15-1] [Invited] 10:50-11:15**

**Structural Control of Supracrystals through Self-Assembly of Nanocrystals in Oil-in-Water Emulsion**

Hongseok Yun (Hanyang Univ., Korea)

**[G15-2] 11:15-11:30**

**N-CGL Dopant with a High Binding Energy for a Low Progressing Driving Voltage**

Seong Keun Kim, Young-Eun Choi, Ji-Yong Choi, Sungsoo Bae, Jaeheung Ha, and Dong-Chan Kim (Samsung Display Co., Ltd., Korea)

**[G15-3] 11:30-11:45**

**Low-Optical Losses Silicon Composite for Efficient Metasurface at the Visible**

Younghwan Yang (POSTECH, Korea) and Junsuk Rho (POSTECH & POSCO-POSTECH-RIST Convergence Research Center for Flat Optics and Metaphotonics, Korea)

**[G15-4] 11:45-12:00**

**New QD Bank Materials for Higher Light Efficiency**

Sukhoon Kang, Israel Lazo Martinez, Hyungguen Yoon, Sunghwan Hong, and Beomsoo Shin (Samsung Display Co., Ltd., Korea)

**[G15-5] 12:00-12:15**

**Enhancing Device Performance through Crystal Structural Approaches Using Composition and Temperature Control in Indium-Zinc Oxide (IZO) System**

Seong-Hwan Ryu, Hye-Mi Kim (Hanyang Univ., Korea), Sangwook Kim, Kwang-Hee Lee (Samsung Electronics Co., Ltd., Korea), and Jin-Seong Park (Hanyang Univ., Korea)