

iMiD 2024

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

Session Title:	15. Emerging Materials for Display
Session Date:	August 21 (Wed.), 2024
Session Time:	10:50-12:15
Session Room:	Room G (401)
Chair(s):	Prof. Hyeon-Ho Jeong (GIST, Korea) Dr. Sung-Hoon Hong (ETRI, Korea)

[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)