

IMiD 2022

The 22nd International Meeting on Information Display
August 23-26, 2022 / BEXCO, BUSAN, KOREA

Session Title:	49. QD EL 2
Session Date:	August 26 (Fri.), 2022
Session Time:	11:00-12:35
Session Room:	Room A (211~213)
Session Chair(s):	Prof. Se-woong Baek (Korea Univ., Korea) Prof. Min Jae Choi (Dongguk Univ., Korea)

[A49-1] [Invited] 11:00-11:25

Recent Developments of Quantum Dot Light Emitting Diodes

Seunguk Noh, Sehun Kim, Jaekook Ha, Yeo-geon Yoon, and Changhee Lee (Samsung Display Co., Ltd., Korea)

[A49-2] [Invited] 11:25-11:50

The Latest Progress in Heavy Metal Free NanoLED Technology

Christian Ippen, Jeffrey DaRos, Igor Coropceanu, Jeff Yurek (Nanosys, Inc., USA), Yohei Nakanishi, Takeshi Ishida (Sharp Display Tech. Corp., Japan), and Homer Antoniadis (Nanosys, Inc., USA)

[A49-3] 11:50-12:05

Enhanced Charge Balance with Antibiotics in Both Electron and Hole Transport Layers of InP/ZnSeS_{1-x}/ZnS-Based Quantum Dot Light-Emitting Diodes

Awais Ali, Yonghyeok Choi, Boram Kim, and Heeyeop Chae (Sungkyunkwan Univ., Korea)

[A49-4] 12:05-12:20

Carrier Injection and the Transport Mechanism of Quantum Dot Light Emitting Diodes through Adjusting the Transport Properties and Using Interlayer

Hee Jung Kwak, Woo Jin Jeong, Jin Ho Park, Ri Gyeong Kwon, and Jun Young Kim (Gyeongsang Nat'l Univ., Korea)

[A49-5] 12:20-12:35

Enhancing Light Out-Coupling Efficiency of Top-Emitting ZnSeTe Quantum Dot Light-Emitting Diodes by Employing Capping Layer

Minhyung Lee, Taesoo Lee, and Jeonghun Kwak (Seoul Nat'l Univ., Korea)