

IMiD 2023

The 23rd International Meeting on Information Display
August 22-25, 2023 / BEXCO, BUSAN, KOREA

Session Title:	41. Chemistry and Physics of QDs
Session Date:	August 25 (Fri.), 2023
Session Time:	09:00-10:20
Session Room:	Room A (211~213)
Session Chair(s):	Prof. Byeong Guk Jeong (Pusan Nat'l Univ., Korea) Prof. Jaehoon Lim (Sungkyunkwan Univ., Korea)

[A41-1] [Invited] 09:00-09:25

Surface-Initiated Heteroepitaxy of Zinc Chalcogenides on InP Nanocrystals

Yeongho Choi, Donghyo Hahm, Wan Ki Bae, and Jaehoon Lim (Sungkyunkwan Univ., Korea)

[A41-2] 09:25-09:40

Direct Assessment of Charged States of Quantum Dots

Hak June Lee, Dongju Jung, Jeong Woo Park, Doyoon Shin, Jaemin Lim, Ka Hyung Kim, Seongbin Im, Se Jong Min, Jin Su Park, Jun Yeol Im, Jae Seung Lee (Sungkyunkwan Univ., Korea), Kookheon Char (Seoul Nat'l Univ., Korea), and Wan Ki Bae (Sungkyunkwan Univ., Korea)

[A41-3] 09:40-09:55

Multidentate Zinc Thiolate Ligand for Preservable Aqueous Phase Transfer of Quantum Dots

Jisu Han, Yeongho Choi (Sungkyunkwan Univ., Korea), Hyeonjun Lee (KAIST, Korea), and Jaehoon Lim (Sungkyunkwan Univ., Korea)

[A41-4] [Invited] 09:55-10:20

Surface Engineering of Quantum Dots with Adamantane-Based Ligands for High-Performance QLEDs

Gyeongju Kim (Hannam Univ., Korea), Jaeyoul Kim (Seoul Nat'l Univ., Korea), Prem Prabhakaran (Hannam Univ., Korea), Jeonghun Kwak (Seoul Nat'l Univ., Korea), and Dong Ryeol Whang (Hannam Univ., Korea)