

IMiD 2023

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

Session Title:	48. Perovskite Materials & Their Applications
Session Date:	August 25 (Fri.), 2023
Session Time:	09:00-10:25
Session Room:	Room H (316~317)
Session Chair(s):	Dr. Yuljae Cho (Shanghai Jiao Tong Univ., China) Dr. Jong Hyun Park (LG Display Co., Ltd., Korea)

[H48-1] [Invited] 09:00-09:25

Passivation Strategies for Mitigating Defect Challenges in Halide Perovskite Nanocrystal Light-Emitting Diodes

Bo Ram Lee (Pukyong Nat'l Univ., Korea)

[H48-2] 09:25-09:40

Development of Novel Anion-Exchange Precursor for Red Perovskite QD-LEDs Exceeding 21% of EQE

Seungmin Baek, Hyeon Woo Jeong, Hyejin Na, Sungho Choi, Seon Joo Lee, and Jaemin Lee (KRICT, Korea)

[H48-3] 09:40-09:55

Electronic Doping through van der Waals Contact Enhances Photoluminescence Quantum Yield in Two-Dimensional Tin Halide Perovskite

Jun-Ho Park, You-jin Reo, Ju-Hyun Jung, Taehyun Kim, Taiho Park, Yong-Young Noh, and Cheol-Joo Kim (POSTECH, Korea)

[H48-4] 09:55-10:10

Multi-Spectral Patterning of Inorganic Perovskites by Photo-Induced Anion Substitution

Hyewon Shim, Geonwoong Park, Yong-Young Noh, and Cheol-joo Kim (POSTECH, Korea)

[H48-5] 10:10-10:25

Anion Vacancy Defect Passivation of 2D-Layered Tin-Based Perovskite Thin-Film Transistor with Sulfur Doping

Jae-Hyeok Cho (Sungkyunkwan Univ., Korea), Ji-Young Go (POSTECH, Korea), Tan Tan Bui, Seunguk Mun, Yunseok Kim, Kyunghan Ahn (Sungkyunkwan Univ., Korea), Yong-Young Noh (POSTECH, Korea), and Myung-Gil Kim (Sungkyunkwan Univ., Korea)