

IMiD 2024

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

Session Title: 19. TFT Based Functional Devices

Session Date: August 22 (Thu.), 2024

Session Time: 09:00-10:20

Session Room: Room C (Samda)

[C19-1] [Invited]

09:00-09:25

Biosourced Materials in Organic Field Effect Transistor for Active-Matrix Display

E. Jacques (Univ. Rennes, France)

[C19-2] [Invited]

09:25-09:50

Large-Scale 2D Chalcogenide Active Matrix Pixel Image Sensor

Sunkook Kim (Sungkyunkwan Univ., Korea)

[C19-3]

09:50-10:05

Pseudohalide Enabling Synergistic Hole Concentration and Crystallization Modulation of Tin-Based Perovskite Films for High-Performance Transistors

Geonwoong Park, Wonryeol Yang (POSTECH, Korea), Ao Liu, Huihui Zhu (POSTECH, Korea & Univ. of Electronic Science and Tech. of China, China), Filippo De Angelis (Univ. of Perugia and INSTM, Italy & Prince Mohammad Bin Fahd Univ., Saudi Arabia & Sungkyunkwan Univ., Korea), and Yong-Young Noh (POSTECH, Korea)

[C19-4]

10:05-10:20

Cu/IGZO Pseudo-Depletion Load Full-Swing Inverter with IGZO TFT Enhancement Driver for Light-to-Frequency Circuits

Hyeon-Jong Lee, Yun-Sung Lee, Jae-Min Han, Hyun-Cheol Pi, Seung-II Baek, Ji-Won Kim, and Sung-Hun Jin (Incheon Nat'l Univ., Korea)