

IMiD 2023

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

Session Title:	74. Application of TFTs II
Session Date:	August 25 (Fri.), 2023
Session Time:	16:30-17:55
Session Room:	Room B (214~215)
Session Chair(s):	Dr. Keunwoo Kim (Samsung Display Co., Ltd., Korea) Prof. Byung Seong Bae (Hoseo Univ., Korea)

[B74-1] [Invited] 16:30-16:55

Selectively Defect Controlled Graphene Electrode for High-Performance p-Type Transistors

Tae In Kim (Inha Univ., Korea)

[B74-2] 16:55-17:10

Self-Powered Organic Photodiode for Near-Infrared Sensing with Functional Interlayer

Yongju Lee, Hyowon Jang, Hwapyeong Noh, Swarup Biswas (Univ. of Seoul, Korea), Dong-Wook Lee (KITECH, Korea), and Hyeok Kim (Univ. of Seoul, Korea)

[B74-3] 17:10-17:25

Visible Light Modulated Optical Neuromorphic Transistor based on IGZO with Transition Metal Dichalcogenide Absorption Layer

Hyung Tae Kim, Sujin Jung, Sung Min Rho, Youjin Seo, and Hyun Jae Kim (Yonsei Univ., Korea)

[B74-4] 17:25-17:40

Crystallization by Rapid Thermal Annealing of Ne Sputtered InSb Films Deposited on Glass

Tatsuya Okada, Otokichi Shimoda, C. J. Koswaththage (The Univ. of the Ryukyus, Japan), Takashi Kajiwara, Taizoh Sadoh (Kyushu Univ., Japan), and Takashi Noguchi (The Univ. of the Ryukyus, Japan)

[B74-5] 17:40-17:55

Dipole Doping of PVDF-HFP on IGZO Transistor for Hardware-Based Physically Unclonable Functions from Production to Destruction Security Keys

Subin Lee, Youngmin Han, and Hocheon Yoo (Gachon Univ., Korea)