

imiD 2022

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

Session Title:	26. Oxide TFT 2
Session Date:	August 25 (Thu.), 2022
Session Time:	11:00-12:20
Session Room:	Room B (214~216)
Session Chair(s):	Prof. Seonkuk Kim (Sungkyunkwan Univ., Korea) Prof. Junghwan Kim (Tokyo Inst. of Tech., Japan)

[B26-1] [Invited]	11:00-11:25
-------------------	-------------

High Mobility Hydrogen-Doped Polycrystalline Indium Oxide ($\text{InO}_x\text{:H}$) TFTs

Mamoru Furuta, Taiki Kataoka (Kochi Univ. of Tech., Japan), and Yusaku Magari (Shimane Univ., Japan)

[B26-2] [Invited]	11:25-11:50
-------------------	-------------

Hydrogen Defects in Transparent Amorphous Oxide Semiconductors

Julia Medvedeva (Missouri Univ. of Science and Tech., USA)

[B26-3]	11:50-12:05
---------	-------------

Remarkable Stability Improvement of High-Performance PEALD-IZO/IGZO Top-Gate Thin-Film Transistor via Nano Scale Thickness Control

Yoon-Seo Kim, Won-Bum Lee, Hye-Jin Oh, Tae Hyun Hong, and Jin-Seong Park (Hanyang Univ., Korea)

[B26-4]	12:05-12:20
---------	-------------

Organic/Inorganic Hybrid Top-Gate Transistors with Ultra-High Electron Mobility via Enhanced Electron Pathways

Ji-Min Park, Cunoh Lee, Kyung Jin Lee, and Hyun-Suk Kim (Chungnam Nat'l Univ., Korea)