

# IMiD 2020

The 20th International Meeting on Information Display  
August 25 - 28, 2020 / Online Conference

**Topic Title:** 05. Active-Matrix Devices

**Session Title:** 04. Novel Oxide TFT

[04\_05\_1728] [Invited]

**Advanced Oxide TFT Technology Using Spatial Atomic Layer Deposition**

Auke Jisk Kronemeijer (TNO / Holst Centre, The Netherlands)

[TBA] [Invited]

**Recent Progress of Atomic Layer Deposited Oxide Semiconductor Thin Film Transistors**

Jin-Seong Park (Hanyang Univ., Korea)

[04\_05\_1280]

**Enhancement of Electrical Characteristics of Amorphous Indium-Gallium-Zinc-Oxide Thin-Film Transistors by Inserting Carrier Induced Interlayer**

Chan Sic Yoon, Hyung Tae Kim, Min Seong Kim, Hyukjoon Yoo, Jeong Woo Park, Dong Hyun Choi, Dongwoo Kim, and Hyun Jae Kim (Yonsei Univ., Korea)

[04\_05\_1433]

**Nanoscale Surface Engineering of High-K ZrO<sub>2</sub>/SiO<sub>2</sub> Gate Insulator for High Performance ITZO TFT via Plasma Enhanced Atomic Layer Deposition**

Wan-ho Choi (Hanyang Univ., Korea), Woojin Jeon (Kyung Hee Univ., Korea), and Jin-Seong Park (Hanyang Univ., Korea)

[04\_05\_1713]

**Room Temperature Fabrication of High-Performance Oxide Thin-Film Transistors Using Electron Confinement Effect**

Dong Hyun Choi, Hyung Tae Kim, Jeong Woo Park, Jusung Chung, Hyukjoon Yoo, Min Seong Kim, and Hyun Jae Kim (Yonsei Univ., Korea)