

# IMiD 2021

The 21st International Meeting on Information Display  
August 25-27, 2021 / COEX, Seoul, Korea

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| <b>Session Title:</b>    | <b>[TA3] Oral 16. Emerging Materials for TFT</b> |
| <b>Session Date:</b>     | <b>August 26 (Thursday), 2021</b>                |
| <b>Session Time:</b>     | <b>14:00-15:10</b>                               |
| <b>Session Room:</b>     | <b>Room A (101+102)</b>                          |
| <b>Session Chair(s):</b> | <b>Sungjun Park (Ajou Univ., Korea)</b>          |

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**[TA3-1] [Featured Invited]** **On-line (Live Streaming) / 14:00-14:30**

**Large-Area Micro and Nanoelectronics Manufactured at a Flash**

Thomas D. Anthopoulos (KAUST, Saudi Arabia)

**[TA3-2] [Invited]** **Off-line / 14:30-14:55**

**High-Mobility TFTs Based on Zinc Oxynitride: Beyond Backplane for Display**

Hyun-Suk Kim (Chungnam Nat'l Univ., Korea)

**[TA3-3] [Invited]** **On-line (Pre-recorded) / On-demand**

**The Oxide and Oxynitride Semiconductor and Its TFTs for Display Application**

Hyun-Jun Jeong and Jin-Seong Park (Hanyang Univ., Korea)

**[TA3-4]** **Off-line / 14:55-15:10**

**Substrate Biasing Approach to Generate Artificial Oxygen Vacancy for Stable Nitrogen-Doped IGZO Thin-Film Transistors**

Jueun Kim, Seongmin Park, Gilsu Jeon, Suwon Seong, and Yoonyoung Chung (POSTECH, Korea)

**[TA3-5]** **On-line (Pre-recorded) / On-demand**

**MASn<sub>3</sub>-Based Perovskite Transistors and Inverters**

Huihui Zhu, Ao Liu, Taoyu Zou, Youjin Reo, and Yong-Young Noh (POSTECH, Korea)

**[TA3-6] [Invited]** **On-line (Pre-recorded) / On-demand**

**Tunable Light-Matter Interactions in Excitonic Semiconductors**

Deep Jariwala (Univ. of Pennsylvania, USA)

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[TA3-7] [Invited]

On-line (Pre-recorded) / On-demand

**Two-Dimensional Organic-Inorganic Hybrid Perovskite Field-Effect Transistors**

Letian Dou (Purdue Univ., USA)

[TA3-8] [Invited]

On-line (Pre-recorded) / On-demand

**Patterning of Photosensitive Perovskite Materials on IGZO TFT Arrays for Imaging Applications**

Hang Zhou (Peking Univ., China)

[TA3-9] [Invited]

On-line (Pre-recorded) / On-demand

**2D Organic Crystals and Their Applications**

Yun Li (Nanjing Univ., China)