

# 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>[TC1] Oral 12. 2D Materials for Display</b>                        |
| <b>Session Date:</b>     | <b>August 26 (Thursday), 2021</b>                                     |
| <b>Session Time:</b>     | <b>09:00-10:10</b>  |
| <b>Session Room:</b>     | <b>Room C (104+105)</b>   |
| <b>Session Chair(s):</b> | <b>Seokwoo Jeon (KAIST, Korea)<br/>Gwan-Hyoung Lee (KAIST, Korea)</b> |

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**[TC1-1] [Invited]** **Off-line / 09:00-09:25**

**Group III-Nitride Semiconductor Micro and Nano Structures for Lighting and Display Applications**

Yong-Hoon Cho (KAIST, Korea)

**[TC1-2] [Invited]** **On-line (Pre-recorded) / On-demand**

**High Color Gamut OLED Material Sets for Reduced Power Consumption Laptop Applications**

Mike Hack, Michael S. Weaver, Julie J. Brown (UDC, USA), Kunjal Parikh, Kathy Bui, and Vishal Sinha (Intel Corp., USA)

**[TC1-3]** **Off-line / 09:25-09:40**

**Graphene Interlayer for Metal/Semiconductor Junctions with Minimized Metal-Induced Gap States**

Jun-Ho Park, Seong-Jun Yang, Chang-Won Choi, Si-Young Choi, and Cheol-Joo Kim (POSTECH, Korea)

**[TC1-4]** **Off-line / 09:40-09:55**

**Aggregation-Induced Emission of Graphene Quantum Dot Modified with Molecular Rotors toward Efficient Solid-State Lighting**

Sukki Lee, Jinho Lee, and Seokwoo Jeon (KAIST, Korea)

**[TC1-5]** **Off-line / 09:55-10:10**

**Graphene Nanoribbon Grid for Conducting Films with 1D Characteristics**

Shinyoung Choi, Namjo Kim, Seong-Jun Yang, Jun-Ho Park, Nguyen Ngan Nguyen, Kwanghee Park, Sunmin Ryu, Kilwon Cho, and Cheol-Joo Kim (POSTECH, Korea)

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[TC1-6]

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## **Desolvation-Triggered Versatile Transfer-Printing of Pure BN Films with Thermal-Optical Dual Functionality**

YuJin Han, Hyeuk Jin Han, Cheolkyu Kim, Moo Hyun Kim, Hunhee Lim, Hanhwi Jang, Taek-Soo Kim, Eugene N. Cho, and Yeon Sik Jung (KAIST, Korea)