



## Future Normal in Semiconductor

2025-02-13(목), 09:00-10:45

좌장: 추후업데이트 예정

### H. Display and Imaging Technologies 분과

#### [TM1-H] Display and Imaging Technologies I

<p>초청</p> <p>TM1-H-1</p> <p>09:00-09:30</p>	<p><b>Fibertronic OLEDs for Wearable Displays</b></p> <p>Sung-Min Lee</p> <p>Hanyang University</p>
<p>TM1-H-2</p> <p>09:30-09:45</p>	<p><b>Nanostructure Engineering of Thermally Evaporated Perovskite Films for Large-Area Light-Emitting Diodes</b></p> <p>Chan-Yul Park<sup>1</sup>, Jung-Min Heo<sup>1</sup>, Joo Sung Kim<sup>2,3</sup>, and Tae-Woo Lee<sup>1,2,3,4</sup></p> <p><sup>1</sup>Department of Materials Science and Engineering, Seoul National University, <sup>2</sup>SN Display Co. Ltd., <sup>3</sup>Soft Foundry, Seoul National University, <sup>4</sup>Research Institute of Advanced Materials, School of Chemical and Biological Engineering, Institute of Engineering</p>
<p>TM1-H-3</p> <p>09:45-10:00</p>	<p><b>Noninvasive Painless Bilirubin Theragnosis using a Flexible Textile-based Blue Light OLED-OPD</b></p> <p>Chaeyeong Lee<sup>1</sup>, Young Woo Kim<sup>1</sup>, Ye Ji Shin<sup>1</sup>, MinSeong Park<sup>1</sup>, Youjin Cho<sup>1</sup>, Seojin Kim<sup>1</sup>, SeoHyeon Kim<sup>1,2</sup>, Yuhwa Bak<sup>1,2</sup>, Junpyo Song<sup>1</sup>, Youngjin Song<sup>1</sup>, Eou-Sik Cho<sup>3</sup>, Sang Jik Kwon<sup>3</sup>, and Yongmin Jeon<sup>1,2</sup></p> <p><sup>1</sup>Department of Semiconductor Engineering, Gachon University, <sup>2</sup>Department of Biomedical Engineering, Gachon University, <sup>3</sup>Department of Electronic Engineering, Gachon University</p>
<p>TM1-H-4</p> <p>10:00-10:15</p>	<p><b>Understanding the Sidewall Passivation Effects in AlGaInP/GaInP Micro-LED</b></p> <p>Juhyuk Park<sup>1</sup>, Dae-Myeong Geum<sup>2</sup>, Woojin Baek<sup>1</sup>, and Sanghyeon Kim<sup>1</sup></p> <p><sup>1</sup>Electrical Engineering, KAIST, <sup>2</sup>Department of Electrical &amp; Computer Engineering, Inha University</p>
<p>TM1-H-5</p> <p>10:15-10:30</p>	<p><b>Size Effect of Passivation Treatment on Infrared Micro-LEDs</b></p> <p>Yu-Jeong Kang<sup>1,2</sup>, Tae-Yeon Kim<sup>1</sup>, Won-Ryung Lee<sup>3</sup>, Woo-Young Choi<sup>2</sup>, and Jae-Hoon Han<sup>1</sup></p> <p><sup>1</sup>Center for Quantum Technology, KIST, <sup>2</sup>Department of Electrical and Electronic Engineering, Yonsei University, <sup>3</sup>Sensor System Research Center, KIST</p>



# 제 32회 한국반도체학술대회

The 32nd Korean Conference on Semiconductors

2025년 2월 12일(수)-14일(금) | 강원도 하이원리조트

## *Future Normal in Semiconductor*

---

TM1-H-6 10:30-10:45	<p><b>Stacked AC Wearable Heater-OLED for Therapy/Diagnosis Fusion Theranostics Platform</b></p> <p>Yuhwa Bak<sup>1,2</sup>, Seojin Kim<sup>2</sup>, Young Woo Kim<sup>2</sup>, Eou-Sik Cho<sup>3</sup>, Sang Jik Kwon<sup>3</sup>, and Yongmin Jeon<sup>1,2</sup></p> <p><sup>1</sup>Department of Biomedical Engineering, Gachon University, <sup>2</sup>Department of Semiconductor Engineering, Gachon University, <sup>3</sup>Department of Electronic Engineering, Gachon University</p>
------------------------	--

---