



## *Future Normal in Semiconductor*

2025-02-13(목), 09:00-10:45

좌장: 추후업데이트 예정

### I. MEMS & Sensor Systems 분과

#### [T11-I] MEMS & Sensor Systems (I)

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| <p>T11-I-1<br/>09:00-09:15</p>               | <p><b>Flexible Pressure Sensors and Sensor Arrays with Tunable Sensitivity and Pressure Range by Using Pressure Concentration Structures</b><br/>Sehwan Park<sup>1</sup>, Dongsik Jeong<sup>1</sup>, Hanul Moon<sup>1</sup>, Haechang Lee<sup>2</sup>, and Bongjun Kim<sup>3</sup><br/><sup>1</sup>Department of Chemical Engineering (BK21 FOUR Graduate Program) &amp; Department of Semiconductors, Dong-A University, <sup>2</sup>Sensor System Research Center, KIST, <sup>3</sup>Department of Electrical Engineering, Sookmyung Women's University</p> |
| <p>T11-I-2<br/>09:15-09:30</p>               | <p><b>Skin-attachable pH Sensor Enabled by polyaniline/graphene Transfer</b><br/>Hyo-Ju Lee, Sang-Chan Park, Jae-Hyuk Ahn<br/>Department of Electronics Engineering, Chungnam National University</p>   |
| <p>T11-I-3<br/>09:30-09:45</p>               | <p><b>Near Infrared Detection with Non-fullerene Acceptors based Ambipolar Phototransistor</b><br/>Jae Won Park, HwaPyeong Noh, Dong Hyun Nam, Swarup Biswas, and Hyeok Kim<br/>University of Seoul</p>   |
| <p>T11-I-4<br/>09:45-10:00</p>               | <p><b>Improving the Thermo Sensing Characteristics of Amorphous Silicon Through Metal Post Annealing</b><br/>Seong-Jo Jo, Woon-San Ko, Do-Yeon Lee, So-Yeon Gwon, So-Yeong Park, Hye-Ri Hong, and Ga-Won Lee<br/>Department of Electronic engineering, Chungnam National University</p>   |
| <p>T11-I-5<br/>10:00-10:15</p>               | <p><b>Capacitive-type Wearable Temperature Sensors Based on High-k Metal-oxide Films</b><br/>Chae-Eun Kim and Tae-Jun Ha<br/>Kwangwoon University</p>   |
| <p><b>초청</b><br/>T11-I-6<br/>10:15-10:45</p> | <p><b>Bio-inspired Electronic Eyes for In-sensor computing</b><br/>Changsoo Choi<br/>KIST</p>   |