



## I. MEMS & Sensor Systems 분과

2021년 1월 28일(목), 16:30-18:00 / 채널 C

### [TC5-I] Advanced MEMS and Sensor Systems

좌장: 박동욱 교수 (서울시립대학교), 이재홍 교수 (DGIST)

<p>TC5-I-1 16:30-17:00</p>	<p><b>[초청]</b> <b>Flexible Power Source for Wearable Pressure Sensor Systems</b> Hyeok Kim<sup>1,2</sup> <sup>1</sup><i>Institute of Information Technology, University of Seoul,</i> <sup>2</sup><i>Sensor System Research Center, SENSOMEDI, Co., Ltd.</i></p>
<p>TC5-I-2 17:00-17:15</p>	<p><b>Battery-free Sensor System based on Wireless Power Supply</b> Sung-Gu Kang, Min-Su Song, Joon-Woo Kim, and Jeonghyun Kim <i>Department of Electronics Convergence Engineering, Kwangwoon University</i></p>
<p>TC5-I-3 17:15-17:30</p>	<p><b>Multi-Scale, Large Area Dry Transfer Printing by Thermal Expansion Mismatch</b> Seungkyoung Heo<sup>1</sup>, Jeongdae Ha<sup>1</sup>, Hohyun Keum<sup>2</sup>, and Kyung-In Jang<sup>1</sup> <sup>1</sup><i>DGIST, </i><sup>2</sup><i>KITECH</i></p>
<p>TC5-I-4 17:30-17:45</p>	<p><b>Effect of Sensing Layer Length on H<sub>2</sub>S Gas Sensing and Low-frequency Noise in Resistor-type Gas Sensor</b> Donghee Kim<sup>1,2</sup>, Wonjun Shin<sup>1,2</sup>, Seongbin Hong<sup>1,2</sup>, Yujeong Jeong<sup>1,2</sup>, Gyuweon Jung<sup>1,2</sup>, Jinwoo Park<sup>1,2</sup>, and Jong-Ho Lee<sup>1,2</sup> <sup>1</sup><i>Department of Electrical and Computer Engineering, Seoul National University,</i> <sup>2</sup><i>Inter-University Semiconductor Research Center, Seoul National University</i></p>
<p>TC5-I-5 17:45-18:00</p>	<p><b>실내 광 흡수 기반 센서상시전원용 고안정성 역구조 유기 태양전지</b> 이형원, 이용주, 김 혁 <i>서울시립대학교 전자전기컴퓨터공학부</i></p>