



제 30회 한국반도체학술대회

The 30th Korean Conference on Semiconductors

2023년 2월 13일(월)~ 15일(수) | 강원도 하이원리조트(그랜드호텔 컨벤션타워)

2023년 2월 14일(화), 10:55-12:40

Room I (하트 II, 6층)

I. MEMS & Sensors Systems 분과

[T12-I] Advanced MEMS & Sensor System II

좌장: 김정현 교수(광운대학교), 원상민 교수(성균관대학교)

<p>T12-I-1 10:55-11:25 [초청]</p>	<p>Wireless, Skin-interfaced Pressure Sensors for Biomedical Application Yoonseok Park <i>Department of Advanced Materials Engineering for Information and Electronics, Kyung Hee University</i></p>
<p>T12-I-2 11:25-11:55 [초청]</p>	<p>Fabrication of Curvy Devices and Fully Soft Electronics for Future Wearable Applications Kyoseung Sim <i>Department of Chemistry, UNIST</i></p>
<p>T12-I-3 11:55-12:10</p>	<p>A Wafer-scale Fabrication of Single CNT-bridged Field Effect Transistor Arrays with an Inkjet Printing Method for Biosensor Applications Minhye Shin¹, Soohyun Park², Yoonhee Lee², and Hongki Kang¹ <i>¹Department of Electrical Engineering and Computer Science, DGIST, ²Division of Electronics and Information System, DGIST</i></p>
<p>T12-I-4 12:10-12:25</p>	<p>NO₂ Gas Response Improvement of Gas Sensors by Adopting Oxygen Vacancy Controlled In₂O₃ Bilayer Sensing Films Kangwook Choi^{1,2}, Gyuweon Jung^{1,2}, Seongbin Hong^{1,2}, Yujeong Jeong^{1,2}, Wonjun Shin^{1,2}, Jinwoo Park^{1,2}, Donghee Kim^{1,2}, Hunhee Shin^{1,2}, Woo Young Choi^{1,2}, and Jong-Ho Lee^{1,2} <i>¹Department of Electrical and Computer Engineering, Seoul National University, ²Inter-university Semiconductor Research Center, Seoul National University</i></p>
<p>T12-I-5 12:25-12:40</p>	<p>높은 Sensitivity와 넓은 감지 범위를 갖는 Pyramid-Sponge 구조의 Capacitive Type 압력 센서 소자 개발 Yeong Jin Joo^{1,2}, Yoomin Ahn², and Sung-Hwan Choi^{1,2} <i>¹KITECH, ²HYU-KITECH Joint Department, Hanyang University</i></p>