



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

[TI2-I] Advanced MEMS & Sensor System II

좌장: 김정현 교수(광운대학교), 원상민 교수(성균관대학교)

TI2-I-1 10:55-11:25 [초청]	Wireless, Skin-interfaced Pressure Sensors for Biomedical Application Yoonseok Park <i>Department of Advanced Materials Engineering for Information and Electronics, Kyung Hee University</i>
TI2-I-2 11:25-11:55 [초청]	Fabrication of Curvy Devices and Fully Soft Electronics for Future Wearable Applications Kyoseung Sim <i>Department of Chemistry, UNIST</i>
TI2-I-3 11:55-12:10	A Wafer-scale Fabrication of Single CNT-bridged Field Effect Transistor Arrays with an Inkjet Printing Method for Biosensor Applications Minhye Shin ¹ , Soohyun Park ² , Yoonhee Lee ² , and Hongki Kang ¹ ¹ <i>Department of Electrical Engineering and Computer Science, DGIST, </i> ² <i>Division of Electronics and Information System, DGIST</i>
TI2-I-4 12:10-12:25	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} ¹ <i>Department of Electrical and Computer Engineering, Seoul National University, </i> ² <i>Inter-university Semiconductor Research Center, Seoul National University</i>
TI2-I-5 12:25-12:40	높은 Sensitivity와 넓은 감지 범위를 갖는 Pyramid-Sponge 구조의 Capacitive Type 압력 센서 소자 개발 Yeong Jin Joo ^{1,2} , Yoomin Ahn ² , and Sung-Hwan Choi ^{1,2} ¹ <i>KITECH, </i> ² <i>HYU-KITECH Joint Department, Hanyang University</i>