



제 31회 한국반도체학술대회

The 31st Korean Conference on Semiconductors

2024년 1월 24일(수)-26일(금) | 경주화백컨벤션센터(HICO)

2024년 1월 26일(금), 09:00-10:45

Room F(106), 1층

I. MEMS & Sensor Systems 분과

[FF1-I] Recent Advances in MEMS

좌장: 박윤석 교수(경희대학교), 유재영 교수(성균관대학교)

초청발표 FF1-I-1 09:00-09:30	3D Electrode-Based MEMS Sensors for Biomanufacturing and Biomedical Applications Hyun Soo Kim Kwangwoon University
초청발표 FF1-I-2 09:30-10:00	Photonic FPGA on Silicon Photonic MEMS Sangyoon Han and Min Gi Lim DGIST
FF1-I-3 10:00-10:15	Efficiency Improvement of Ternary Organic Photovoltaic for All-day Operation under Various Light Sources Se Lim Han ¹ , Hyeonjeong Choi ¹ , Joo Yeong Kim ² , Swarup Biswas ¹ , and Hyeok Kim ¹ ¹ School of Electrical and Computer Engineering, University of Seoul, ² Department of Intelligent Semiconductor Engineering, University of Seoul
FF1-I-4 10:15-10:30	Transfer Technology for Integrating High-Quality Single Crystal Relaxor-Ferroelectric Oxide on Flexible Si Min-Seok Kim ^{1,2} , Ruiguang Ning ¹ , Ho Won Jang ² , and Seung-Hyub Baek ¹ ¹ Electronic Materials Research Center, KIST, ² Department of Materials Science and Engineering, Research Institute of Advanced Materials, Seoul National University
FF1-I-5 10:30-10:45	Metal-Oxide Semiconductors for Chemiresistive-Type Gas Sensors Operating at Room Temperature Sang-Joon Park and Tae-Jun Ha Department of Electronic Materials Engineering, Kwangwoon University