제 30회 한국반도체학술대회

The 30th Korean Conference on Semiconductors

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

2023년 2월 15일(수), 09:00-10:30

Room J (하트 III, 6층)

T. AI 분과
[WJ1-T] Artificial Intelligence I

좌장: 정두석 교수(한양대학교)

WJ1-T-1 **09:00-09:15**	**Poly-Si Channel Flash Memory-Based Synaptic Devices for Spiking Neural Networks** Donghyun Ryu[1,2], Yeonwoo Kim[1,2], and Woo Young Choi[1,2] *[1]Department of Electrical and Computer Engineering, Seoul National University, [2]Inter-university Semiconductor Research Center, Seoul National University*
WJ1-T-2 **09:15-09:30**	**A Weight Split Method of RRAM Arrays for Neuromorphic Applications** Kyungchul Park[1,2], Sungjoon Kim[1,2], and Woo Young Choi[1,2] *[1]Department of Electrical and Computer Engineering, Seoul National University, [2]Inter-university Semiconductor Research Center, Seoul National University*
WJ1-T-3 **09:30-09:45**	**Neural Network-Based Prediction for Cross-Temperature Induced V_T Distribution Shift of 3D NAND Flash Memory** Kyeongrae Cho, Chanyang Park, Hyeok Yun, Hyundong Jang, Seungjoon Eom, and Rock-Hyun Baek *Department of Electrical Engineering, POSTECH*
WJ1-T-4 **09:45-10:00**	**패턴 인식 SNN 구현을 위한 Leaky-FeFET 기반의 단일소자 뉴런 개발** Gyusoup Lee, Jungyeop Oh, Eui Joong Shin, Seongho Kim, Youngkeun Park, Sung-Yool Choi, and Byung Jin Cho *School of Electrical Engineering, KAIST*
WJ1-T-5 **10:00-10:30** **[초청]**	**Issues in Analog In-Memory Neural Network Computing Accelerator Design** Jae-Joon Kim and Yulhwa Kim *Seoul National University*