2023년 2월 15일(수), 10:45-12:30

Room J (하트 III, 6층)

T. AI 분과
[WJ2-T] Artificial Intelligence II

좌장: 이성호 센터장(KETI)

WJ2-T-1 10:45-11:15 [초청]	**Building High-performance and Energy Efficient Inference Chips for Data Centers** Joon Ho Baek *FuriosaAI, Inc.*
WJ2-T-2 11:15-11:30	**DTS-SNN: Spiking Neural Networks with Dynamic Time-Surfaces** DongHyung Yoo and Doo Seok Jeong *Division of Materials Science and Engineering, Hanyang University*
WJ2-T-3 11:30-11:45	**LiNLNets: Gauging Required Nonlinearity in Deep Neural Networks** SeongMin Jin and Doo Seok Jeong *Division of Materials Science and Engineering, Hanyang University*
WJ2-T-4 11:45-12:00	**Quantum Denoising Diffusion Probabilistic Models for Image Generation** Dohun Kim and Seokhyeong Kang *POSTECH*
WJ2-T-5 12:00-12:15	**Hardware Dropout Using Stochastic Property of Ovonic Threshold Switch** Dongmin Kim[1,2], Wooseok Choi[1,2], Jangseop Lee[1,2], and Hyunsang Hwang[1,2] *[1]Center for Single Atom-Based Semiconductor Device, POSTECH, [2]Department of Materials Science and Engineering, POSTECH*
WJ2-T-6 12:15-12:30	**A Real-Time Error Correction System of Ultrasonic Sensor with Embedded AI Accelerator** Jin Young Shin, Sang Ho Lee, Kwang Hyun Go, and Seung Eun Lee *Department of Electronic Engineering, Seoul National University of Science and Technology*