



Future Normal in Semiconductor

2025년 2월 14일(금), 15:10-17:10

Room M(다이아몬드 I), 6층

T. AI 분과

079_[FM3-T] Artificial Intelligence

좌장: 전동석 교수(서울대학교)

| | |
|---------------------------------------|---|
| <p>초청 FM3-T-1 15:10-15:40</p> | <p>Zero Injection Technique for Enhancing Stability and PSR Performance in Analog LDOs Dongjoo Shin Mobilint, Inc.</p> |
| <p>FM3-T-2 15:40-15:55</p> | <p>Analog Matrix-Vector Multiplication Accelerator Using Capacitive Coupling-based Compute-In Memory Technology Jung Nam Kim¹, Yong Woo Kim¹, Minsuk Koo^{2,3}, and Yoon Kim^{1,3} ¹Department of Electrical and Computer Engineering, University of Seoul, ²School of Advanced Fusion Studies and AI Semiconductor, University of Seoul, ³IM Electronics Co., Ltd.</p> |
| <p>FM3-T-3 15:55-16:10</p> | <p>DRAM 기반 스토리지를 활용한 RAG 기반 LLM 추론 가속화 연구 KiHyun Kim¹, Jongman Kim², and Youngjae Kim¹ ¹Sogang University, ²Soteria Inc.</p> |
| <p>초청 FM3-T-4 16:10-16:40</p> | <p>Hardware-Algorithm Co-Design for Low-Power Deep Learning Training Processors Jeongwoo Park Department of Semiconductor Systems Engineering, Sungkyunkwan University</p> |
| <p>FM3-T-5 16:40-16:55</p> | <p>Analysis of Numeric Formats in Artificial Intelligence: Balancing Accuracy and Resource Usage in Depth-Wise Convolutions Dayoung Lee, Jaeseong Kim, Chaebin Lee, Joungmin Park, Raehyeong Kim, and Seung Eun Lee Department of Electronic Engineering, Seoul National University of Science and Technology</p> |



제 32회 한국반도체학술대회

The 32nd Korean Conference on Semiconductors

2025년 2월 12일(수)-14일(금) | 강원도 하이원리조트

Future Normal in Semiconductor

| | |
|--------------------------------------|--|
| FM3-T-6 16:55-17:10 | Data-driven Deep Neural Operators for Solution of Gas Dynamic Conservation Equations in Non-equilibrium Plasma Reactors Sangjun Ahn, Jinkyu Bae, Suyoung Yoo, and Sang Ki Nam Core Technology R&D Team, Samsung Electronics Co., Ltd. |
|--------------------------------------|--|
