Research Prof. Kim Changhan

(Hanyang University, Seoul, Korea)

Dr. Kim is a semiconductor expert of non-volatile memory device and process integration with the experience of working at SK Hynix, Intel and Micron after being graduated from University of Wisconsin – Madison, USA. He is also an expert of biotechnology in the field of DNA synthesis/assembly, applying semiconductor equipment and process technology to the molecular biological world.

Professional Experience

- **Hanyang University (Korea)**, Department of Electronic Engineering, Research Professor (2024 ~)
  - ✓ NAND Array/Cell Architecture, Ferroelectric Memory and Logic Device, Neuromorphic & Quantum Device
- **SK Hynix (Korea)**, R&D TD & RTC, Fellow (2018 ~ 2023)
  - ✓ Evolutionary/Revolutionary Non-Volatile Memory Device & Process Integration, NAND Roadmap
- **MICRON (USA)**, R&D TD, Principal Engineer (2016 ~ 2018)
  - ✓ Advanced NAND Memory Device & Process Integration
- **Synthetic Genomics (USA)**, Consultant (2015 ~ 2018)
  - ✓ DNA Gene Synthesis/Assembly Equipment Development
- **INTEL (USA)**, NAND Solution Group R&D, Staff Engineer (2007 ~ 2016)
  - ✓ Next Generation NAND Process Integration

Education

- **University of Wisconsin-Madison (USA),** BS, MS, Ph.D., Electrical Engineering, USA (1999 ~ 2007)