

The 13th Chapter of K-PAI Forum

A Historic **K-PAI** x **K•ASIC** Strategic Alliance

The AI Silicon Race
Korea-US Innovation Leadership

K•ASIC

Korea AI & System IC
Innovation Center



Evening Agenda - November 12, 2025

- 5pm – 5:30pm - Reception & Premium Networking at K•ASIC Innovation Center
- 5:30pm – 5:40pm - Opening Remarks by K-PAI & K•ASIC Leadership
- 5:40pm – 7pm - Expert Presentations
 - “AI-Driven Semiconductor Library Optimization & Physical AI” by Naehyuck Chang
 - “Lightweight NPU Architecture Evolution” by Richard Burroughs
 - “Bridging Performance & Affordability in AI Silicon” by Juntaek Oh
- 7pm – 8pm - Networking Dinner, Q&A, and Deep Discussions



K•ASIC

Korea AI & System IC
Innovation Center



K-PAI x K•ASIC Strategic Alliance - First Joint Forum!

- **Strategic Partnership Milestone**
 - First of two promised forums bridging Korea-US AI semiconductor innovation
- **Beyond Collaboration**
 - A strategic alliance focusing on the foundational layer of AI ecosystem
- **Tonight's Significance**
 - Launching a long-term partnership to advance AI silicon innovation
- **Looking Ahead**
 - Second forum planned for H1 2026 with expanded scope and impact
- **Gratitude**
 - *Deep appreciation to K•ASIC for hosting and comprehensive event support*



K•ASIC

Korea AI & System IC
Innovation Center



The Foundation of AI Innovation - Silicon First

- **The Overlooked Foundation**
 - AI discourse focuses on software/algorithms, but semiconductors are essential pillars
- **Korea-US Leadership**
 - Combining Korea's semiconductor excellence with Silicon Valley's AI ecosystem
- **Critical Technologies**
 - GPUs, HBM, NPUs, DPUs, custom accelerators
- **Geopolitical Context**
 - US-China competition, CHIPS Act, export controls, supply chain dynamics
- **Our Mission**
 - *Deep understanding of AI semiconductor ecosystem - essential for sustainable AI*



Make Tonight Count!

- *Engage Deeply* Ask questions, challenge assumptions, share insights
- *Network Actively* Introduce yourself and your company during dinner
- *Think Long-term* This is the beginning of a strategic partnership
- *Stay Connected* Join K-PAI membership for ongoing collaboration
- *Shape the Future* - Your participation tonight influences our H1 2026 forum direction!

