2026-2029年臺日(NSTC-JST)雙邊協議國際合作研究計畫 核定補助名單

編號	臺方申請人	臺方執行機構	日方申請人	日方執行機構	雙邊計畫名稱
1	陳柏宏 PO-HUNG CHEN	國立陽明交通大學電子研究所 Institute of Electronics, National Yang Ming Chiao Tung University	Makoto Takamiya	The University of Tokyo	利用AI驅動智慧型閘極驅動器實現高效能AI伺服器電源模組 AI-driven Intelligent Gate Driver Enabling High-Performance AI Server Power Modules
2	朱士維 Shi-Wei Chu	國立臺灣大學物理學系暨研究所 Graduate Institute of Physics, National Taiwan University	Junichi Takahara	Applied Physics, Graduate School of Engineering, The University of Osaka	超穎神經元：應用超穎光子學與神經元共通之多層次耦合於先進智慧運算 Meta-neuron: Multi-Level Coupling in Metaphotonics for Neuro-Inspired Intelligent Computation
3	阮聖彰 Shanq-Jang Ruan	國立臺灣科技大學電子工程系 Department of Electronic Engineering, National Taiwan University of Science and Technology	Hoai Luan Pham	Division of Information Science, Graduate School of Science and Technology, Nara Institute of Science and Technology (NAIST)	AXAu: 節能且靈活的先進 AI 驅動之助聽器用音訊超解析加速器 AXAu: Energy Efficient and Flexible Accelerator for Advanced AI Driven Audio Super Resolution in Hearing Aids
4	趙昌博 Paul C.-P. Chao	國立陽明交通大學電控工程研究所 Institute of Electrical and Control Engineering	Sang-Seok Lee	Dept. of Electrical Engineering and Computer Science, Faculty of Engineering, Tottori University	基於熱與電氣模擬之最佳化應用於無人機之高速邊緣異質整合晶片中的傳輸電路設計與布局 Optimizing the interconnect design for a high-speed heterogeneous AI chip in a UAV based on combined thermal and electrical simulations
5	李坤彥 Kung-Yen Lee	國立臺灣大學工程科學及海洋工程學系暨研究所 Department of Engineering Science and Ocean Engineering, National Taiwan University	Tsuyoshi Funaki	Division of Electrical, Electronic and Infocommunications Engineering, Graduate School of Engineering, Osaka University	基於人工智慧的主動式閘極驅動器應用於碳化矽功率電晶體的高效率 AI 系統 AI-Based Active Gate Driver for High-Efficiency AI Systems Using SiC Power MOSFETs

計畫執行期間:2026/04/01-2029/3/31;計畫經費核定清單另以公文通知。