

對外科技合作資助 - 聯合資助類（與國家科技部聯合資助）  
2025年度獲批項目

Financiamento para Projectos de Cooperação em Ciência e Tecnologia com o Exterior Categoria de Co-financiamento (FDCT-MOST) em 2025

序號 N.º	檔案編號 N.º de Projecto	申請實體 Entidade Beneficiária	項目負責人 O Responsável de Projectode	研究項目 Finalidade
1	0037/2025/AMJ	MTEL電信有限公司	徐德明 Choi, Takmeng	多波長無源接入網高速化架構體系研究與應用 Research and Application of High Speed WDM-PON System
2	0007/2025/AMJ	澳門城市大學 Fundação da Universidade da Cidade de Macau	孫鑫 Sun, Xin	面向服務機器人的具身多模態大模型關鍵技術研究 Research on Key Technologies of Embodied Large Multimodal Models for Service Robots
3	0018/2025/AMJ	澳門理工大學 Universidade Politécnica de Macau	嚴肇基 Im, Sio Kei	面向複雜交互任務的虛實空間計算研究 Research on virtual-real spatial computing for complex interaction tasks
4	0029/2025/AMJ	澳門大學 Universidade de Macau	黃沫 Huang, Mo	面向算力芯片供电的高效率高密度电源管理关键技术研究 Study on High-efficiency, High-density Power Managment Key Techniques for Computing Chips
5	0030/2025/AMJ	澳門大學 Universidade de Macau	張仲榮 Cheung, Edwin Chong Wing	基于金属有机框架材料的单细胞质谱流式标签试剂合作研发 Collaborative research and development of single-cell mass cytometry label reagents based on metal-organic framework materials
6	0050/2025/AMJ	澳門大學 Universidade de Macau	申平 Shen, Ping	濱海場地持久性有機污染物遷移轉化機制及長效阻隔關鍵技術 Mechanism of migration and transformation of persistent organic pollutants in coastal sites and key technologies of long-term barrier
7	0055/2025/AMJ	澳門大學 Universidade de Macau	劉錦榮 Liu, Jinrong	空地协同无人海岸线巡检系统安全导航与智能控制 Safety Navigation and Intelligent Control of Air-Ground Cooperative Unmanned Coastline Patrol Systems

對外科技合作資助 - 聯合資助類（與國家科技部聯合資助）  
2025年度獲批項目

Financiamento para Projectos de Cooperação em Ciência e Tecnologia com o Exterior Categoria de Co-financiamento (FDCT-MOST) em 2025

序號 N.º	檔案編號 N.º de Projecto	申請實體 Entidade Beneficiária	項目負責人 O Responsável de Projectode	研究項目 Finalidade
8	0059/2025/AMJ	澳門大學 Universidade de Macau	劉景榮 Lao, Keng Weng	CPSS視角下提升城市電網彈性的建築群靈活資源聚合調控技術研究 Research on Aggregating Dispatch and Control of Flexible Resources in Building Cluster for Enhancing Urban Power Grid Resilience from CPSS Perspective
9	0072/2025/AMJ	澳門大學 Universidade de Macau	汪澎洋 Wang, Pengyang	数据驱动的碳化硅晶圆精密加工过程监测-检测-控制一体化技术 Data-Driven Integrated Technology for Monitoring, Detection, and Control of Precision Machining Processes for Silicon Carbide Wafers
10	0073/2025/AMJ	澳門大學 Universidade de Macau	祝雷 Zhu, Lei	高色散天線陣電磁性能調控與微波感知應用關鍵技術研究 Investigation of High-Dispersion Antenna Array Performance Manipulation and Microwave Sensing Application
11	0074/2025/AMJ	澳門大學 Universidade de Macau	須成忠 Xu, Chengzhong	基於人工智能大模型的低空智能計算理論與方法研究 Research on the Theory and Method of Low Altitude Intelligent Computing Based on Artificial Intelligence Large Model
12	0095/2025/AMJ	澳門科技大學基金會-澳門科技大學 Fundação Universidade de Ciência e Tecnologia de Macau – Universidade de Ciência e Tecnologia de Macau	周孟初 Zhou, Mengchu	面向集成電路複雜製造過程的多模態智能感知與優化調度研究 Multimodal Intelligent Sensing and Optimised Scheduling for Complex Semiconductor Manufacturing Processes
13	0106/2025/AMJ	澳門理工大學 Universidade Politécnica de Macau	李克峰 Li, Kefeng	经鼻空肠置管智能机器人系统与置管技术研发 Research and development of intelligent robot system and placement technology for nasojejunal nutrition tube

對外科技合作資助 - 聯合資助類（與國家科技部聯合資助）  
2025年度獲批項目

Financiamento para Projectos de Cooperação em Ciência e Tecnologia com o  
Exterior Categoria de Co-financiamento (FDCT-MOST) em 2025

序號 N.º	檔案編號 N.º de Projecto	申請實體 Entidade Beneficiária	項目負責人 O Responsável de Projectode	研究項目 Finalidade
14	0114/2025/AMJ	澳門大學 Universidade de Macau	馬少丹 Ma, Shaodan	面向粵港澳大灣區低空經濟的通信感知一體化理論與關鍵技術 Integrated Sensing and Communications for the Low Altitude Economy Development in the Guangdong-Hong Kong-Macao Greater Bay Area
15	0120/2025/AMJ	澳門大學 Universidade de Macau	顏王吉 Yan, Wangji	極端風場下濱海風電機組群結構狀態智能評估關鍵技術研究 Research on Key Technologies for Intelligent Assessment of Structural Status of Costal Wind Turbine Clusters in Extreme Wind Fields