

Awardees of Collaborative Research with World-leading Research Groups 2024/25 (English Only)

Principal Investigator	Collaborator / Partner Institution	Project Title	Awarded Amount
<p>Prof. YU Tao, Professor of the Department of Civil and Environmental Engineering</p> <p>余濤教授 土木及環境工程學系 教授</p>	<p>Prof. FERNANDO Dilum / The University of Edinburgh</p>	<p>Next-Generation Offshore Renewable Energy Infrastructure Enabled by Innovative Design and Manufacturing of Composite Materials</p>	<p>HK\$1,000,000</p>
<p>Prof. LI Buyang, Professor of the Department of Applied Mathematics</p> <p>李步揚教授 應用數學系教授</p>	<p>Prof. ISERLES Arieh Professor / University of Cambridge</p> <p>Prof. BURMAN Erik / University College London</p>	<p>New computational methods and numerical analysis for dispersive and wave problems</p>	<p>HK\$1,000,000</p>
<p>Prof. TAN Kay Chen, Head and Chair Professor of the Department of Data Science and Artificial Intelligence</p> <p>陳家進教授 數據科學及人工智能 學系系主任及講座教 授</p>	<p>Prof. TANG Huajin, Prof. WANG Yueming, Prof. PAN Gang / Zhejiang University</p>	<p>Establishment of Joint Research Centre on Brain-inspired Computing</p>	<p>HK\$2,000,000</p>
<p>Prof. RUAN Haihui, Associate Professor of the Department of Mechanical Engineering</p> <p>阮海輝教授 機械工程學系副教授</p>	<p>Prof. GOSWAMI Somdatta / Johns Hopkins University</p>	<p>Hybrid Neural-Physical Solvers for Biomedical Simulations – Accelerate Solutions Through AI</p>	<p>HK\$1,000,000</p>
<p>Prof. SIOK Wai Ting Head and Professor of the Department of Chinese and Bilingual Studies</p> <p>蕭慧婷教授 中文及雙語學系系主 任及教授</p>	<p>Prof. GAO Jia-Hong / Peking University</p>	<p>Multilingual Speech Brain- Machine Interface (BMI): Accurately Translating Brain Activity Signal into Speech with English, Mandarin and Cantonese</p>	<p>HK\$2,000,000</p>

<p>Prof. ZHANG Weixiong, Chair Professor of the Department of Health Technology and Informatics</p> <p>章偉雄教授 醫療科技及資訊學系 系統生物學與人工智 能學講座教授</p>	<p>Prof. BOWCOCK Anne / Icahn School of Medicine at Mount Sinai</p>	<p>Development of AI-empowered and single-cell-based spatial transcriptome profiling platform and applications to melanoma, lung cancer and depression studies</p>	<p>HK\$500,000</p>
<p>Prof. LO Tsz Woon Benedict, Associate Professor of the Department of Applied Biology and Chemical Technology</p> <p>勞子桓教授 應用生物及化學科技 學系副教授</p>	<p>Prof. SUN Junliang / Peking University</p>	<p>Building a Research Platform for Dual- Atom Catalysts: Advanced Structural Characterization, CO2 and Small Molecule Conversion, and Machine Learning</p>	<p>HK\$2,000,000</p>