HKU INNOVATION WEEK 2026

HKU RISE

The Innovation Reef:
Where Ideas Breed and Thrive



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Company Name:
Archireef Limited

V28

Founder(s):
Dr. Vriko Yu, Co-Founder & CEO, Alumni HKU
Prof. David Baker, Co-Founder; Professor, School of Biological Sciences, Faculty of Science

Company Details:
Archireef provides eco-engineering solutions for ocean ecosystems restoration. We utilise the power of next-gen technologies in 3D-printing and marine biology, and apply our proprietary algorithms to print reef tiles made from natural materials.



Our reef tiles are currently four times more effective than any alternative. We work with government entities and businesses to incorporate marine ecosystem restoration into their ESG and sustainability agendas. Our business model is based on a mix of an initial set-up and an annual subscription.

Contact Info:
info@archireef.co

Company Name:
Archon

V30

Founder(s):
Prof. Hongyang Li

Company Details:


Archon Robotics, a Shanghai-based company developing Humanoid Foundation Model (HFM) for whole-body intelligence. The company closed a nine-figure RMB seed round in mid-2026 from investors including IDG Capital, ZhenFund, Gaorong Capital, and 5Y Capital, and plans to release its first open-source humanoid base model in late 2026.

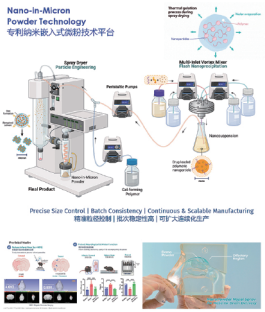
Contact Info:
hugom@hku.hk

Company Name:
CereThera Limited

V29

Founder(s):
Prof. Aviva S.F. Chow, Associate Professor, Department of Pharmacology and Pharmacy, Li Ka Shing Faculty of Medicine
Dr. Zitong Shao, Post-doctoral Fellow, Advanced Biomedical Instrumentation Centre; Department of Pharmacology and Pharmacy, Li Ka Shing Faculty of Medicine
Ms. Yinjie Zhou, Research Associate, Department of Pharmacology and Pharmacy, Li Ka Shing Faculty of Medicine
Ms. Jiahui Deng, Research Assistant, Department of Pharmacology and Pharmacy, Li Ka Shing Faculty of Medicine

Company Details:
This award-winning project develops the NanoPowder Nasal Spray, an innovative, prehospital stroke solution with rapid onset and universal eligibility. By integrating nanotechnology, particle engineering, and inhalations sciences into a "Nano-in-Micron" technology platform, it achieves nose-to-brain delivery to bypass the blood-brain barrier, providing early neuronal protection to reduce stroke-related damage. Preclinical studies demonstrated rapid neuroprotection around the ischemic core and preservation of motor functions. This groundbreaking therapy could significantly improve stroke care by enabling timely intervention outside hospital settings.



Contact Info:
pharma@hku.hk

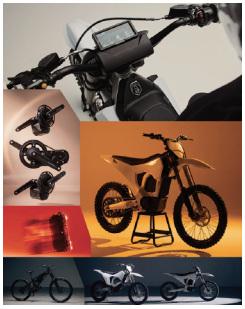
Company Name:
CYC Technology

V18

Founder(s):

Mr. Jon Chan, CEO & Founder

Company Details:



Founded in 2017 and headquartered in Hong Kong, CYC Technology is an innovative platform company shaping the future of electric mobility. Its portfolio of pioneering brands — including Bonnell and Ristretto in premium e-mobility vehicles, alongside CYC Motor and EBMX Global — forms a unified ecosystem spanning multiple verticals across the mobility sector.

CYC's competitive edge is rooted in vertical integration: by developing its own motors, battery systems, and electronic control units in-house, the company combines advanced technology, manufacturing expertise, and forward-thinking design in a way few competitors can match. This foundation led naturally to Bonnell, its flagship electric motorcycle brand, which has achieved strong market validation through enthusiastic rider demand and proven race victories across multiple competitive events.

The Bonnell 775 MX, 805, and 902 together form a full-spectrum dirt bike lineup — each setting a new benchmark for performance and engineering excellence, with e-MTB and beyond further extending CYC's vision of driving the next generation of sustainable transportation.

Contact Info:

contact@cyc-technology.com

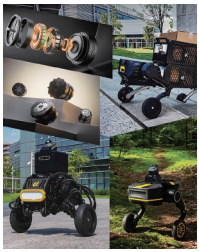
Company Name:
Direct Drive Tech

V19

Founder(s):

Dr. Alex Xuyang Liu

Company Details:



Direct Drive Tech Limited (hereinafter referred to as "DirectDriveTech") was established in 2020. It is a robotics technology company with direct drive technology as its core capability. It is a national high-tech enterprise and a "little giant" enterprise recognized by the Ministry of Industry and Information Technology. The company has long been deeply involved in the two major tracks of robot power modules and complete robots. Adhering to the corporate mission of "bringing robots into thousands of households", it promotes robots to be more efficient, dexterous and intelligent. Relying on its full stack of self-developed technology, it has created a dual business growth curve of "Robotics + Robot power modules" and built three underlying technology platforms to realize a complete industrial closed loop from the self-developed mass production of robot power modules to the commercialization of complete machines. Its products cover diverse scenarios such as household consumption and industrial and commercial services.

Contact Info:

hello@directdrivetech.com

Company Name:
NEX

V17

Representative(s):

Ms Tiffany Banh

Company Details:



Nex is the creator of Nex Playground, an award-winning active play system that uses AI and computer vision to turn any living room into an immersive, controller-free gaming experience. Since its 2023 launch, Nex Playground has become a breakout success, earning honors including TIME Magazine's Best Inventions of the Year and Parents Magazine's Toy of the Year, and has been featured by Good Morning America, WIRED, and TechCrunch.

Contact Info:

hello@nexplayground.com

Project Title:

A Next-Generation Sjögren's Disease Platform for Drug Discovery

HB1

Principal Investigator(s):

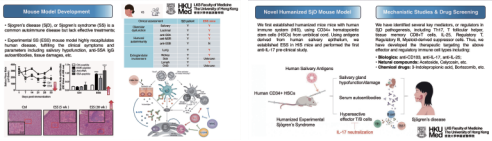
Prof. Xiang Lin, Associate Professor, Assistant Director (Knowledge Exchange & Technology Development), School of Chinese Medicine, Li Ka Shing Faculty of Medicine

Key Innovations:

- Invented the mouse model of Sjögren's disease and advanced it into a humanized platform.
- Incorporates PBMCs from healthy donors and patients to create personalized disease avatars.
- Patented drug-like chemicals discovered and validated directly within this translational system.

Contact Info:

linxiang@hku.hk



Project Title:

A Portable Device for Non-Invasive and Rapid Cancer Detection using AI-Powered Optical Sensing Laboratory for Synthetic Chemistry and Chemical Biology Limited

HA12

Principal Investigator(s):

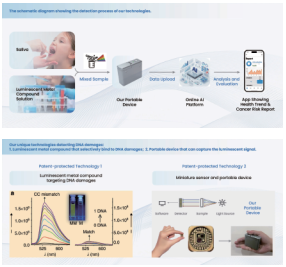
Prof. Chi Ming Che, Managing Director, Laboratory for Synthetic Chemistry and Chemical Biology Limited
Dr. Wei Liu, Scientist, Laboratory for Synthetic Chemistry and Chemical Biology Limited

Key Innovations:

- Routine detection: Home based monitoring on cancer risk
- Rapid and convenient: detection completed within 10 min
- Non-invasive: based on saliva sample
- Easy to operate: no professional skills required
- Affordable price

Contact Info:

xdai@hksccb.hk



Company Name:

Advanced Biomedical Instrumentation Centre

HA1

Centre Director(s):

Prof. Anderson Shum, MH Founding Centre Director and Co-Director, Advanced Biomedical Instrumentation Centre Vice-President and Pro-Vice-Chancellor (Research), HKU; Chair Professor in the Department of Mechanical Engineering and School of Biomedical Engineering, HKU
Prof. Paddy Chan, Managing Director and Centre Co-Director, Advanced Biomedical Instrumentation Centre; Associate Professor, Department of Mechanical Engineering, Faculty of Engineering, HKU

Company Details:

ABIC will focus on three high-potential R&D themes:

1. **Product Innovation with Engineering Excellence:**
   Develop innovative materials, therapeutic agents, devices and tools that require exceptionally precise manufacturing and highly sophisticated engineering know-how, and AI-enabled software products.
2. **Clinical Services Transformed with Novel Technologies:**
   Develop novel technologies that will transform clinical labs, and detect and analyse diseases with higher accuracy, lower cost, faster results, more convenient use, and other clinically impactful improvements.
3. **Technologies for Next Generation CRO:**
   Develop innovative research tools, such as organoids and animal neuro-testing systems, for safer, faster, more accurate, lower-cost, and more scalable implementation of pre-clinical research and drug development.





Contact Info:

publicity@abic.hk

Project Title:

V14

AI based personalized therapeutic cancer vaccine & Broad-spectrum on the shelf therapeutic cancer vaccine
NOVOMI VAX Limited

Principal Investigator(s):

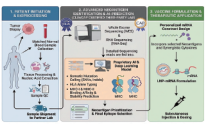
Prof. Jiandong Huang, Chair Professor, School of Biomedical Science, Li Ka Shing Faculty of Medicine
Dr. Renhao Li, Postdoc, CVVT

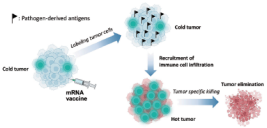
Key Innovations:

Our solution has two strategies. First, we use our own AI model to calculate the mutated tumor-specific antigens to make neoantigen vaccine; Second, we use mRNA reprogramming technology to tag tumor with pathogens antigen which is sensitive for our body immune system. Then our immune system can directly attack the tumor. First way can build long-term immune memory, not only have good effect but also have a very-low side effect. Our second way can directly attack tumors without targets. More importantly, the tumor can be directly memorized by our immune system with low side effect and low toxicity.

Contact Info:

enhe00000@connect.hku.hk





Project Title:

HG1

AI-Assisted Oral Health Screening and Education: Promoting Awareness and Preventive Care for Hong Kong's Elderly Population

Principal Investigator(s):

Prof. Walter Lam, Clinical Associate Professor, Faculty of Dentistry

Key Innovations:

- GumAI: Fast, accurate, non-invasive site-specific gum disease screening via smartphone photos
- Proven Impact: Externally validated across Hong Kong, improving oral health and quality of life for 1,000+ seniors.
- Smart toothbrush navigated by GumAI for personalized health tracking and coaching.

Contact Info:

khaing@hku.hk

Company Name:

V1

AilsynBio Limited

Founder(s):

Dr. Serena Yang, CEO of AILSI

Company Details:

AilsynBio Limited is an AI-driven biotechnology company developing oral macrocyclic peptide therapeutics. Its proprietary platform integrates experimental feedback-driven AI, computational design, quantum chemistry, developability prediction, and dry–wet lab validation to optimize non-natural amino acid cyclic peptides. The Company focuses on challenging protein–protein interaction (PPI) targets, particularly in autoimmune diseases, and designs candidates with high affinity, stability, tissue penetration, and oral-delivery potential. AilsynBio aims to develop oral peptide medicines that resist gastrointestinal degradation and cross the intestinal barrier, providing a convenient alternative to chronically injected antibody therapies.

Contact Info:

bellazhengcw@ailsihk.com

Project Title:

HA9

AI-Powered "Super-Scanner" to Revolutionize Precise Gene Editing (InnoHK COI)

Principal Investigator(s):

Prof. Alan Wong, Associate Professor, School of Biomedical Sciences, LKS Faculty of Medicine

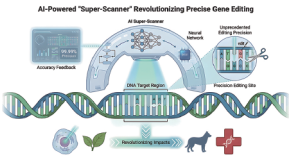
Key Innovations:

Two groundbreaking platforms: CombiSEAL and an AI-driven method called TopVIP.

- CombiSEAL acts as a high-speed scanner, testing and "barcoding" millions of gene-editing variations simultaneously.
- TopVIP then uses machine learning to predict performance, mapping out optimal designs from less than 1% of experimental data, which saves years of manual labor and costs.

Contact Info:

info@coinno.hk



Project Title:

AI-Powered Instant Feedback System for Ultrasound Skills Assessment

HA11

Principal Investigator(s):

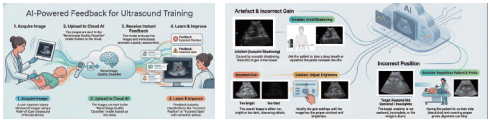
Prof. Elaine Yuen-Phin Lee, Clinical Associate Professor, Dept. of Diagnostic Radiology, School of Clinical Medicine, HKU
Dr. Rahul Singh, Post-Doctoral Fellow, Dept. of Diagnostic Radiology, School of Clinical Medicine, HKU
Mr. Cheuk Nam Hwang, Research Assistant, Dept. of Diagnostic Radiology, School of Clinical Medicine, HKU
Prof. Michael Tiong-Hong Co, Clinical Associate Professor, Dept. of Surgery, School of Clinical Medicine, HKU

Key Innovations:

- **Two-Stage AI Engine:** achieving 93.1% accuracy in organ triage and conditional error identification.
- **Instant Feedback:** the system returns corrective guidance on probe placement, brightness, and artefacts within 800ms.
- **Cloud Platform:** Development of an android application extending reach to low-connectivity settings.
- **Validated Efficacy:** Clinically validated on 2,800+ images with 91.15% sensitivity

Contact Info:

eyplee77@hku.hk



Project Title:

AxileLife Limited - Intelligent Reproductive Technology For Next-Generation Fertility Care (InnoHK ABIC's spin off)

V16

Principal Investigator(s):

Prof. Kevin Tsia, Associate Dean (Engineering T&L), Department of Electrical and Computer Engineering, Faculty of Engineering
Dr. Michelle Lo, CEO, AxileLife Limited / Project Manager, Advanced Biomedical Instrumentation Centre
Prof. Philip Chiu, Associate Professor, Department of Obstetrics and Gynaecology, Li Ka Shing Faculty of Medicine
Dr. Erica Leung, Research Assistant Professor, Department of Obstetrics and Gynaecology, Li Ka Shing Faculty of Medicine
Prof. Ernest Ng, Clinical Professor, Department of Obstetrics and Gynaecology, Li Ka Shing Faculty of Medicine

Key Innovations:

AxileLife is developing an Intelligent Reproductive Technology (IRT) platform to transform today's fragmented, experience-dependent ART workflow into an integrated, AI-enabled system. Our solution combines ultra-high-throughput label-free imaging, deep-learning AI and precision microfluidics to generate actionable insights at the cellular level and support more consistent clinical decisions. Beginning with sperm fertilisation-potential assessment and intelligent selection, the platform will progressively expand to oocyte evaluation, non-invasive embryo assessment and future cycle-level decision support. By enabling more objective assessment and selection of gametes and embryos, AxileLife aims to improve ART success rates, reduce avoidable treatment cycles, and support healthier pregnancy outcomes.

Contact Info:

michelle.lo@axilelife.com



Company Name:

BioEcho Limited



HB5

Founder(s):

Ms. Angel Yau, COO

Company Details:

BioEcho is the world's first AI-powered wearable echocardiography platform. We have miniaturized conventional ultrasound machines into a coin-sized device, integrated with flexible sensors and advanced AI algorithms to deliver radiation-free, real-time, 24/7 heart monitoring. It can be worn easily during daily life, exercise, elderly care, or clinical nursing. When risks are detected, AI instantly analyzes the signals, reports to the smartphone, and can connect with medical assistance if needed. With this groundbreaking innovation, BioEcho enables early detection and timely intervention in cardiovascular disease.

Contact Info:

angelyauwl@gmail.com

Project Title:

BiomOrgan (InnoHK CVVT's spin-off)

HA4

Principal Investigator(s):

Prof. Jie Zhou, Associate Professor, Dept. of Microbiology, School of Clinical Medicine, LKS Faculty of Medicine

Key Innovations:

- Patient-derived organoids recreate each patient's tumour for personalized drug-response testing.
- Multi-tissue organoid platform (cancer + respiratory) built on HKU's decade of innovation and 7-patent portfolio.
- LDT-based precision-medicine service delivering actionable treatment insights within clinical timelines.

Contact Info:

rogerzhang@cvvt.hk



Project Title:

Centre for Health AI Research and Translation

HB3

Key Innovations:

The Centre for Health AI Research and Translation (CHART) provides a unique platform that facilitates innovative health AI research and accelerates the translation of clinically validated AI and big data systems in a sustainable and trusted manner.

Contact Info:

chartmed@hku.hk





Company Name:

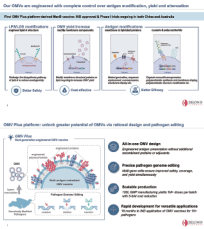
Delonix Bioworks

HB4

Founder(s):

Dr. Qiubin Lin, CEO
Dr. Ming-Chun Lee, R&D Director, Head of Early Discovery
Dr. Chen Dong, Senior Scientist

Company Details:



Founded by Prof. Jiandong Huang and Dr. Lin Qiubin, Delonix Bioworks is a clinical-stage biotechnology company pioneering the development of next-generation bacterial vaccines. Leveraging its proprietary synthetic biology and engineered vaccine technology platform, the company is advancing a diversified pipeline targeting critical unmet needs such as meningococcal disease, pertussis, and Neisseria gonorrhoeae infection. Among these, its Group B meningococcal OMV vaccine DX-104 is the first engineered OMV vaccine in China to receive approval for clinical development.

Contact Info:

mingchunlee@delonixbio.com

Project Title:

Development and Commercialization of Wearable Robots for Assisting Older Adults Using Artificial Muscle Technology

HR7

Principal Investigator(s):

Prof. Ning Xi, Chair Professor of Robotics and Automation

Key Innovations:

Exynergy creates lightweight, wearable robots with artificial muscles made from Shear Thickening Gel to help older adults move more easily. Controlled by real-time neuro signals, these devices work like natural muscles without delay. After successful testing and positive feedbacks, the team focuses on commercialising these smart wearables, first for senior and later expanding to global rehabilitation markets, improving mobility and independence worldwide.

Contact Info:

etitracy@hku.hk



Weight: 1.8kg (without battery)

Project Title:

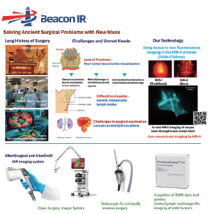
Guiding Clinical Surgery by Intraoperative Infrared Fluorescence Imaging
Beacon IR Medical Ltd

V9

Principal Investigator(s):

Prof. Hongjie Dai, Sapientia Eminence Professor, Chair Professor in Department of Chemistry, Department of Mechanical Engineering and School of Biomedical Sciences, Director of The Materials Institute of Life Sciences and Energy, HKU
J.G.Jackson-C.J. Wood Professor of Chemistry, Emeritus, Stanford University

Key Innovations:



Our project is revolutionizing surgery with advanced dyes and imagers that work in the infrared 1000-1700 nm range. This technology gives surgeons "infrared vision" to see tumors, blood vessels, and organs clearly and deeply during operations. Our solution helps overcome current limits like low image quality, enabling precise tumor removal, ureter detection, and sentinel lymph node identification-making surgeries safer and more effective for patients.

Contact Info:

hrliu66@hku.hk | kangty11@hku.hk

Project Title:

Hong Kong Universal Biologicals Company Limited (HKUBio)

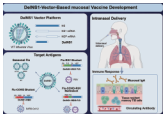
HB2

Principal Investigator(s):

Prof. Honglin Chen, Honorary Professor, Dept. of Microbiology, HKU. State Key Laboratory for Emerging Infectious Diseases, HKU

Key Innovations:

- **Core technology:** a safe, effective, multifunctional RNA-virus–vector vaccine platform built using reverse genetics.
- Develops trivalent seasonal influenza (H1N1, H3N2, B), flu-COVID, flu-RSV, and flu-hMPV dual vaccines.
- Enables rapid response for emerging pathogens. Supports other respiratory disease prevention and treatment.
- Safe, side-effect-free, low cost.





Contact Info:

hkubio2021@outlook.com

Project Title:

HS2P-10: A First-in-class oral Neuro-osteogenic peptide for bone health via nerve–bone axis modulation

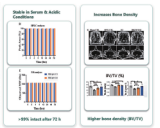
HA10

Principal Investigator(s):

Prof. John Kubi Akrofi, Research Assistant Professor, Dept. of Orthopaedics and Traumatology
Prof. Wai-kwok Yeung, Director of Research, Dept. of Orthopaedics and Traumatology
Dr. Brah Augustine Suurinobah, Research Assistant, Dept. of Orthopaedics and Traumatology

Key Innovations:

HS2P-10 is a first-in-class oral neuro-osteogenic peptide derived from Chinese yam research. It uniquely modulates the nerve–bone axis to promote bone formation, type I collagen production, mineralisation, and balanced remodelling, with demonstrated oral stability, preclinical safety, efficacy, and patent and PCT plus US/China patent filings.





Contact Info:

kubijohn@hku.hk

Project Title:

Innovation “off-the-cell” γδ-T Exosome Therapies for Solid Tumors NovaEx Bio Limited

V5

Principal Investigator(s):

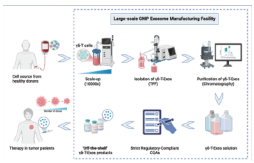
Prof. Wenwei Tu, Professor, Dept. of Paediatrics & Adolescent Medicine, Li Ka Shing Faculty of Medicine

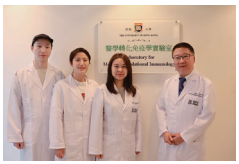
Key Innovations:

NovaEx Bio, leveraging core technology originated from The University of Hong Kong (HKU) and led by world-renowned immunologist Prof. Tu Wenwei, has developed a revolutionary solution: a first-in-class, "off-the-shelf" anti-tumor platform based on γδ-T cell exosomes. These nano-sized, cell-free vesicles penetrate the dense microenvironment of solid tumors and exert a dual mechanism of direct killing and immune activation. Crucially, they are completely safe (zero CRS risk) and utilize a proprietary 10,000x expansion technology that slashes production costs by an estimated 90%, transforming cell therapy from a million-dollar hospitalization procedure into an accessible outpatient injection.

Contact Info:

wmanni@hku.hk





Project Title:

Liver-in-Cube: Next-Generation Biomimetic Organ for Precision Medicine

HR5

Principal Investigator(s):

Prof. Nancy Kwan Man, Chair Professor of Transplant Oncology and Immunology, Dept. of Surgery, Li Ka Shing Faculty of Medicine

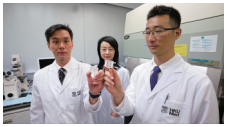
Key Innovations:

Liver-in-Cube is a 3D-bioprinted platform creating a patient avatar for personalized cancer drug screening. It utilizes world-first patient-derived bioinks to preserve complex cellular environments. Guided by AI, advanced 4D bioprinting reconstructs precise tumor structures, while embedded microfluidics simulate blood flow and immune responses for highly accurate and dynamic treatment evaluation.

Contact Info:

whoscaryeung@gmail.com | zrryoyo@connect.hku.hk | kellyhuang@connect.hku.hk





Project Title:

Mastering Human Performance Through Real-Time Molecular Intelligence/ LifeSpectrum Technology Ltd (InnoHK ABIC's spin-off)

HA2

Principal Investigator(s):

Prof. Julian Tanner, School of Biomedical Sciences, LKS Faculty of Medicine

Key Innovations:

- Real-time molecular monitoring at home
- World's first digital stress hormone tracking via saliva
- Non-invasive, lab-grade results
- DNA aptamer sensors for complex biomarkers
- Quantitative data for AI insights
- Multi-biomarker detection
- AI-powered personalized guidance
- Performance optimization for athletes and pilots
- Clinical-grade remote monitoring
- Scalable foundation for future wearables

Contact Info

publicity@



Project Title:

Monexus Innovation (InnoHK ABIC's spin-off)

HA7

Principal Investigator(s):

Prof. Anderson Shum, MH
Founding Centre Director and Co-Director, Advanced Biomedical Instrumentation Centre
Vice-President and Pro-Vice-Chancellor (Research), HKU
Chair Professor in the Department of Mechanical Engineering and School of Biomedical Engineering, HKU

Key Innovations:

PerioMag Innovation:

- **Living Magnetic Probiotics:** Continuously delivered via a personalized magnetic aligner system
- **Targeted Deep Penetration:** Reaches deep into periodontal pockets and previously inaccessible lesion sites with high precision

Contact Info:

publicity@abic.hk



Project Title:

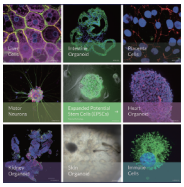
Moving Beyond Animal Models: Harnessing Expanded Potential Stem Cells for Humanized Drug Screening (InnoHK CTSCB)

HA5

Principal Investigator(s):

Prof. Pengtao Liu, Managing Director, InnoHK Centre for Translational Stem Cell Biology
S Y and H Y Cheng Professor in Stem Cell Biology and Regenerative Medicine, LKS Faculty of Medicine
Prof. Gordon Dougan, Co-Director, InnoHK Centre for Translational Stem Cell Biology
Emeritus Professor in the Dept. of Medicine at the University of Cambridge

Key Innovations:



Our Expanded Potential Stem Cell (EPSC) technology is revolutionizing drug screening by replacing animal models with high-fidelity human stem cells. With a simple blood draw, we create a "Human Biological Twin" that can generate both patient-specific organoids and matching cells to test drug toxicity, antiviral efficacy and anti-aging effects.

Contact Info:

info@hkstemcell.hk

Project Title:

Multera Limited (InnoHK ABIC's spin-off)

V7

Principal Investigator(s):

Prof. Anderson Shum, MH
Founding Centre Director and Co-Director, Advanced Biomedical Instrumentation Centre
Vice-President and Pro-Vice-Chancellor (Research), HKU
Chair Professor in the Department of Mechanical Engineering and School of Biomedical Engineering, HKU

Key Innovations:



- Droplet microfluidics for ultra-sensitive,
- culture-free detection Melting Temperature
- Barcoding (MTB) for high-level multiplexing
- Absolute quantification with rapid (<4-hour) turnaround
- Integrated "sample-in, data-out" workflow

Scalable platform adaptable to emerging pathogens and AMR targets

Contact Info:

publicity@abic.hk

Project Title:

Next generation intranasal live-attenuated vaccine for broad influenza protection (InnoHK C2I's spin-off)

HA3

Principal Investigator(s):

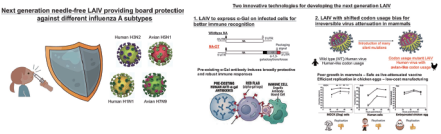
Prof. Leo Poon, Chair Professor, School of Public Health, Li Ka Shing Faculty of Medicine

Key Innovations:

- **Long-Lasting, Broadly protective influenza vaccine:** Eliminating the need for annual vaccine formulation updates and vaccination. Cross-protect against human seasonal influenza and avian influenza.
- **Nasal spray vaccine:** More acceptable to the population with needle fear and relieve vaccine hesitancy. Induce robust mucosal immunity at the respiratory tract for additional protection.

Contact Info:

alexchin@hku.hk



Project Title:

Production of Human Pluripotent Stem Cell-derived Islet Organoid for Diabetes Treatment

HR2

Principal Investigator(s):

Prof. Zhongjun Zhou, Chui Fook-Chuen Professor in Molecular Medicine, School of Biomedical Sciences, Li Ka Shing Faculty of Medicine

Key Innovations:

Nordia has developed 3D islet organoids from human stem cells that closely mimic real islets offering a promising long-term treatment for diabetes. The islet organoids not only provide the potential for personalized therapy, but are also being developed as universal products for different patients. Nordia is now in the pre-IND stage and has raised nearly HK$50M to accelerate commercialization.

Contact Info:

longxfei@connect.hku.hk



Project Title:

Strata Biolab Limited (InnoHK ABIC's spin-off)

HA8

Principal Investigator(s):

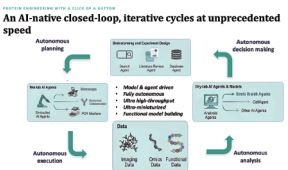
Prof. Anderson Shum, MH
Founding Centre Director and Co-Director, Advanced Biomedical Instrumentation Centre
Vice-President and Pro-Vice-Chancellor (Research), HKU
Chair Professor in the Department of Mechanical Engineering and School of Biomedical Engineering, HKU

Key Innovations:

- **AI-Powered Target Discovery:** Combining proprietary omics data with AI agents to integrate multi-omics analysis and target discovery—reducing transcriptomic analysis time by 90%.
- **Scalable Disease Models:** Sustained proprietary data generation expands our disease model library, enabling parallel development across multiple indications to accelerate pipeline advancement.
- **Strata Bio OS™ Intelligent Agent:** Built on AutoBA, it bridges multi-omics analysis and target discovery—turning functional metabolomics data into actionable drug targets at scale.

Contact Info:

publicity@abic.hk



Project Title:

SynHealer (InnoHK CTSCB's spin-off)

HA6

Principal Investigator(s):

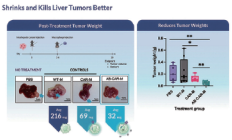
Prof. Rio Sugimura, Assistant Professor, School of Biomedical Sciences, LKS Faculty of Medicine Chief Scientific Officer & Co-founder, SynHealer
Sophronia Yip, Chief Executive Officer & Co-founder, SynHealer
Lu Liu, Chief Technology Officer & Co-founder, SynHealer

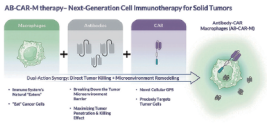
Key Innovations:

SynHealer offers an innovative cell therapy that employs engineered immune cells with targeted delivery to penetrate and dismantle these barriers, enabling the body's natural defenses to target and eliminate solid tumors effectively. Developed from universal stem cells, this therapy is scalable, cost-effective, and designed to improve patient access and outcomes.

Contact Info:

sophronia.yip@hkstemcell.hk





Company Name:

SYNTERFACE Biomed Technology

HB6

Founder(s):

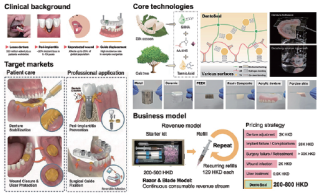
Prof. Dan Kiho Cho, Assistant Professor, Dental Materials Science, Faculty of Dentistry, HKU
Dr. Yingheng Liu, PhD Candidate, Faculty of Dentistry, HKU

Company Details:

From dentures to wounds, current oral solutions are either ineffective or unsafe. DentoSeal, a medical-grade bioadhesive, can form an instant, tough seal on wet tissues, providing long-lasting adhesion while actively promoting healing. Its universal applications range from stabilizing dentures to reversibly fixing surgical guides, sealing peri-implant tissues, and closing wounds without sutures. It represents a new category of therapeutic bioadhesives for comprehensive oral care with enhanced user convenience and clinical flexibility.

Contact Info:

dkcho@hku.hk



Project Title:

Targeting Cellular Autophagic Remodeling with Innovative LAMP2 modRNA Therapy: Non-Viral Delivery Technology for Cardiovascular and Tissue Regeneration
OmisHeart Biotechnology Limited

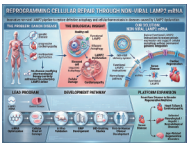
V12

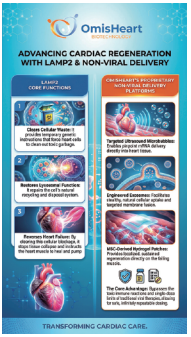
Principal Investigator(s):

Prof. Hung-fat Tse, Founder & Chief Cardiologist; Chair Professor, Dept. of Medicine/SClinMed, Li Ka Shing Faculty of Medicine

Key Innovations:

A non-viral LAMP2 mRNA therapeutic platform designed to transiently restore functional LAMP2 protein and autophagic function. The platform is initially focused on Danon Disease, with potential applications in broader cardiovascular, lysosomal, degenerative and age-related diseases associated with impaired autophagy and cellular dysfunction.





Contact Info:

vymlau@hku.hk

Project Title:

Δ42PD1 Antibody: A Novel Immunotherapy Against Cancers Orimmune (InnoHK CVVT's spin-off)

V10

Principal Investigator(s):

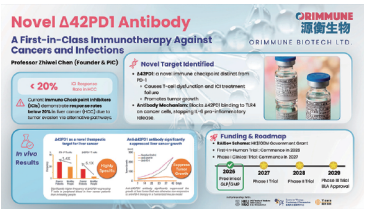
Prof. Zhiwei Chen, Director of the AIDS Institute and Chair Professor of the Dept. of Microbiology, School of Clinical Medicine, LKS Faculty of Medicine, Suen Chi-Sun Professor in Clinical Science

Key Innovations:

Orimmune has developed a first-in-class immunotherapy targeting Δ42PD1, a novel PD-1 variant isoform with a mechanism fundamentally distinct from classical PD-1. While conventional anti-PD-1 therapies fail to block Δ42PD1, our research reveals that this molecule drives tumor growth by promoting inflammation and causes Δ42PD1^{+}T cells to be more exhausted. Our anti-Δ42PD1 antibody specifically blocks this pathway, alleviating the inflammatory microenvironment and reversing T-cell exhaustion. It has demonstrated robust tumor inhibition across preclinical liver cancer models where anti-PD-1 was ineffective.

Contact Info:

rosehao@cvvt.hk





Project Title:

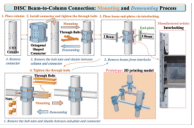
HE9

A Novel Demountable Interlocking Structural Connection (DISC) with Reusability: Between Steel I-Beam and CHS Column

Principal Investigator(s):

Prof. Tak-Ming Chan, Professor
Mr. Jiyuan Li, PhD Student
Dr. Xiaozhou Han, Post-Doctoral Fellow,
Dept. of Civil Engineering, Faculty of Engineering

Key Innovations:



Fully bolted interlocking connections minimise welding, facilitate the assembly, disassembly, and direct reuse of steel components, enhance structural robustness, and support low-carbon construction.

Simple geometries enable factory-based mass production, rapid on-site positioning, and integration with robotics, AI, and non-destructive testing (NDT), reducing labour and material consumption while facilitating intelligent deconstruction.

Contact Info:

jiyuan.li@connect.hku.hk

Project Title:

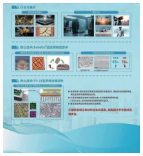
V2

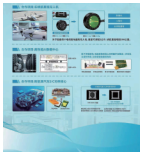
Advanced Cooling Materials for Power Semiconductor Dynano

Principal Investigator(s):

Prof. Mingxin Huang, Professor, Chair of Materials Technology, Dept. of Mechanical Engineering, Faculty of Engineering

Key Innovations:





- **SolidCu® Technology:** World's first solid-state copper sintering, providing 65% higher thermal conductivity than traditional materials.
- **Advanced Architecture:** Modular all-copper "Standard Cells" for PCB-embedded designs, enabling high-density 3D stacking.
- **AI Optimization:** Increases efficiency by 5–12%, eliminating heat-induced performance throttling in dense AI/GPU infrastructure."

Contact Info:

yi.wang@dynano.com

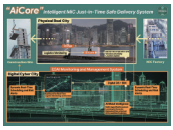
Project Title:

HE1

AiCore for Artificial Intelligence Logistic Scheduling and Transport Monitoring of Prefabricated Building Modules Manufactured Offsite for Just-in-Time and Safe Onsite Assembly

Principal Investigator(s):

Prof. Wilson W.S. Lu, Chair Professor, Dept. of Real Estate and Construction, Faculty of Architecture, HKU
Prof. Anthony G.O. Yeh, Chair Professor, Department of Urban Planning and Design, Faculty of Architecture, HKU; HKHA
Prof. Liupengfei Wu, Assistant Professor, Division of Industrial Data Science, School of Data Science, Lingnan University
Yi Zhang, PhD Candidate
Yuanben Zou, PhD Candidate
Hongda An, PhD Candidate
Peng, Ziyu, Post-doctoral Fellow
Gao, Yuchen, PhD Candidate
Dept. of Real Estate and Construction, Faculty of Architecture, HKU



Key Innovations:

The innovative AiCore system combines iCore, which uses IoT sensors to collect real-time location, vibration, temperature, humidity of prefabricated building modules with AI system to enable dynamic real-time scheduling and accurate arrival time estimation of the transport of offsite prefabricated modules to be assembled in construction sites just-in-time and safely.

Contact Info:

gretchen.gao@connect.hku.hk

Company Name:

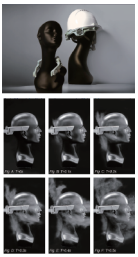
HE6

Air Ring 49: Contactless Biomedical Cooling Accessory for Outdoor Workers/ Hay-koze Limited

Founder(s):

Jeff Li Ze Fu, Alumnus, Dept. of Architecture, Faculty of Architecture, COO
Mac Ju Wai Hang, Alumnus, Dept. of Architecture, Faculty of Architecture, CPO
Vito Mak Yu To, Alumnus, Dept. of Electrical and Computer Engineering, Faculty of Engineering, Electronics Engineer

Company Details:



The Air Ring 49 was developed for 229m outdoor workers who face 19,000 heat-related deaths and 22.85m occupational injuries annually.

At just 155g, it is tested to cool critical head hotspots by up to 5.1°C, contactless, headache-free, delivers up to 15 hours of power, and adapts to any helmet with our proprietary Smart-lock. Unlike bulky and unstable waist fans or sweat-soaked cooling jackets, it's ergonomic, agile, and maintenance-free, while doubling as a neck-cooler without helmets. With over 400 units ordered by major contractors in Hong Kong and globally recognized by the James Dyson award, AR49 pioneers a new standard of contactless safety for hot environments.

Contact Info:

jeffli@haykoze.com

Project Title:

HE8

Demountable flooring system for achieving circularity in construction

Principal Investigator(s):

Prof. Tak-Ming Chan, Professor
Dr. Peng Chen, Post-Doctoral Fellow
Dr. Jiachen Guo, Post-Doctoral Fellow
Dept. of Civil Engineering, Faculty of Engineering

Key Innovations:

Bolted, interlocking steel connectors join precast floor slabs to each other or to steel beams, allowing quick assembly, disassembly and replacement. Replaceable connectors limit damage to connectors rather than slabs, supporting reuse. Tests, finite element simulations and environmental assessments verify structural performance and environmental benefits.

Contact Info:

peng1231@hku.hk



Project Title:

V6

DiffuSpace Limited

Principal Investigator(s):

Prof. Lingpeng Kong, Assistant Professor, Div. of AI & Data Science, School of Computing and Data Science

Key Innovations:

- Powered by our Dream Series Diffusion Large Language Models (DLLMs), DiffuSpace brings parallel generation to next-generation AI.
- **Faster Inference**
  Parallel token generation for lower latency and higher throughput.
- **Real-Time AI Agents**
  Faster reasoning, interaction, and tool use.
- **Generative UI**
  Interfaces dynamically generated and updated by AI in real time.
- **Interactive Multimodal AI**
  Real-time text, visual, and interactive experiences.
- **Edge AI**
  Efficient intelligence designed for latency-sensitive and on-device applications.
- Parallel Generation.
  Real-Time Intelligence.



Contact Info:

hanz@diffuspace.ai

Project Title:

HE2

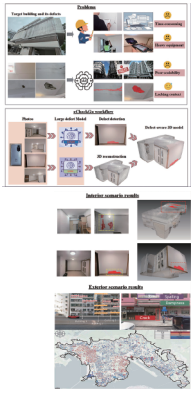
eCheckGo: A large defect model-driven AI system for ultra-fast and scalable building inspection in high-density cities

Principal Investigator(s):

Prof. Junjie Chen, Assistant Professor
Prof. Wilson W.S. Lu, Chair Professor
Junping Zhong, Post-doctoral Fellow
Yonglin Fu, PhD Student
Yuanben Zou, PhD Candidate
Dept. of Real Estate and Construction, Faculty of Architecture, HKU

Key Innovations:

- **LdM-enabled defect analytics:** LdM enables rapid and automated analytics of defect category (crack, spalling, etc.) and severity (size, width, etc.).
- **LdM-enabled defect documentation:** LdM can reconstruct defect and its surrounding into 3D model within seconds. eCheckGo is capable for different building scenarios.



Contact Info:

jpzhong@hku.hk

Project Title:

HR3

Hong Kong Light-Emitting Molecular Materials Limited

Principal Investigator(s):

Prof. Chi-ming Che, Zhou Guangzhao Professorship in Natural Sciences & Chair Professor, Dept of Chemistry, Faculty of Science

Key Innovations:

This project develops proprietary molecular emitters to advance OLED technology and foster its sustainable development by reducing reliance on rare-metal iridium phosphors. The team aims to achieve stable, efficient full-color phosphorescent and metal-TADF emitters that enable high-performance OLEDs with high efficiency, wide color gamut, and excellent operational stability. The team is also developing color-tunable OLEDs and NIR OLEDs for applications in biomedical wearable devices.

Contact Info:

andy_hung@hku.hk



Company Name:

InterLitho Innovation Limited

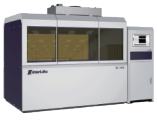
HE10

Founder(s):

Prof. Wendi Li, Associate Professor, Dept. of Mechanical Engineering, Faculty of Engineering

Company Details:

This project pioneers laser interference lithography (LIL) to deliver the world's first commercialized nanopatterning equipment for high-end micro/nano manufacturing. By replacing costly, complex lithography with mask-free, large-area interference patterning, the system overcomes barriers in resolution, throughput, and cost. Integrating nanoimprint printing further extends the one-stop solution from R&D prototyping to industrial-scale production. With 20 years' expertise and a robust IP portfolio, this breakthrough empowers emerging applications including nanophotonics, AR glasses, metasurfaces, and biochips.





Contact Info:

zhouzhongwei@interlitho-inno.com

Company Name:

Kodifly Limited

HE3

Founder(s):

Henry Wong, CEO & Co-Founder
Muhammad Saad Anwel, CTO & Co-Founder

Company Details:

Kodifly delivers end-to-end Construction Intelligence by transforming physical infrastructure into actionable digital realities. Our ecosystem combines continuous 4D LiDAR capture (K4DL-1000) with the SpatialSense AI engine to automate BIM deviation detection and safety compliance. Purpose-built to answer the DEVB TC(W) No. 1/2026 mandate, our Co-supervision Platform (CSP) integration empowers stakeholders with millimeter-accurate digital twins, accelerating project schedules, reducing rework, and replacing fragmented manual inspections with real-time, millimeter-level spatial intelligence.





Contact Info:

vicky.chan@kodifly.com

Project Title:

MiC Trio: Blockchain-enabled digital solution for Modular Integrated Construction (MiC) off-site inspection, en-route monitoring, and on-site supervision

HG3

Principal Investigator(s):

Prof. Wilson W.S. Lu, Chair Professor, Dept. of Real Estate and Construction, Faculty of Architecture, HKU
Prof. Anthony G.O. Yeh, Chair Professor, Department of Urban Planning and Design, Faculty of Architecture, HKU; HKHA
Prof. Liupengfei Wu, Assistant Professor, Division of Industrial Data Science, School of Data Science, Lingnan University
Dr. Ziyu Peng, Post-doctoral Fellow
Mr. Hongda An, PhD Candidate
Mr. Yuanben Zou, PhD Student
Mr. Yaoliang Zhuang, PhD Student
Dept. of Real Estate and Construction, Faculty of Architecture, HKU

Key Innovations:

- **e-inStar:** Real-time capture of factory inspections, photos & reports on blockchain dashboard for remote quality monitoring.
- **e-TranStar:** Sensors track temperature, vibration & humidity; blockchain enables live tracking, condition alerts & accurate ETAs.
- **e-InstalStar:** Verifies hoisting paths, placement accuracy & installation sequence for precise on-site assembly.

Contact Info:

zypeng@hku.hk

Project Title:

Nanorobotic System for Automated Photomask Repair at Advanced Nodes

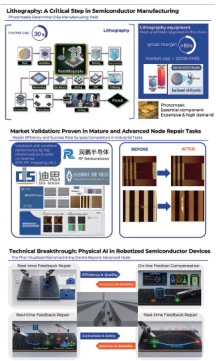
V13

Principal Investigator(s):

Prof. Ning Xi, Chair Professor, Dept. of Data and Systems Engineering, Faculty of Engineering
Dr. Yuxuan Xue, Postdoctoral Fellow, Dept. of Data and Systems Engineering, Faculty of Engineering
Mr. Yichen Wang, PhD Candidate, Dept. of Data and Systems Engineering, Faculty of Engineering

Key Innovations:

We are developing the world's first physical AI-powered nanorobotic system for automated photomask repair. By integrating real-time force-feedback control, sparse-scan 3D imaging, online position compensation, and LLM-assisted autonomous path planning, the system enables a fully visualized, closed-loop nanomachining process. It reduces the repair cycle time to under 10 minutes per defect, increases the success rate to at least 90%, and significantly lowers equipment costs.



Contact Info:

u3011963@connect.hku.hk

Project Title:

Next-Gen Power Semiconductor Technologies for AI Data Centers Efficore Semiconductor

V11

Principal Investigator(s):

Prof. Yuhao Zhang, Professor, Dept. of Electrical and Electronic Engineering, Faculty of Engineering
Prof. Han Wang, Professor, Dept. of Electrical and Electronic Engineering, Faculty of Engineering

Key Innovations:

We pioneer 15V Gallium Nitride (GaN) power semiconductor technologies tailored for advanced 800V AI data center architectures. Our core breakthroughs include proprietary 200-mm contact regrowth epitaxy, advanced GaN FinFET designs, and fully integrated DrGaN platforms. These innovations boost peak low-voltage conversion efficiency from the silicon limit of 82% up to 92%, drastically reducing energy footprints and operational costs.

Contact Info:

xyang.hku@connect.hku.hk






Company Name:

PipeScan AI Limited

HE4

Founder(s):

Mr. Lawrence Wong, Co-Founder & CEO, PipeScan AI Ltd.
Mr. Stephen Go, Co-Founder & Co-CEO, PipeScan AI Ltd.
Mr. Lentz Chun, Co-Founder & COO, PipeScan AI Ltd.

Company Details:



PipeScan AI is a Hong Kong deep-tech startup transforming underground infrastructure inspection. Our autonomous robotic carriers, equipped with LiDAR and smart sensors, navigate pipelines, tunnels and confined spaces without human entry, while our proprietary AI analytics platform performs 3D scanning and automatic defect detection of cracks, settlement and leakage. Integrated with digital twins and BIM, the solution delivers safer, faster and more accurate inspections, enabling predictive maintenance and data-driven asset management for government departments and infrastructure owners.

Contact Info:

lawrence@pipescanai.com

Company Name:

Shenzhen Stellar Robot Technology Co., Limited

HE5

Founder(s):

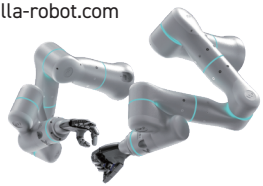
Mr. Dehao Wei, Founder & CEO, Shenzhen Stella Robot Technology Co., Ltd.

Company Details:

Founded in August 2024, Stella Robot is an emerging global leader in embodied intelligent manipulation. We own full-stack self-developed embodied AI "algorithm + hardware" technologies, and have launched the world's first drive-hand separation tendon-driven dexterous hand deployed in industrial scenarios with numerous original tendon-drive innovations, as well as the world's first Lego-style modular direct-drive hand tailored for industrial and high-risk scenarios. Our team integrates industrial commercialization and R&D capabilities. Having completed multiple rounds of financing and won many hard-tech awards, we uphold the mission of technology for good.

Contact Info:

yangxiao@stella-robot.com |
dong.chuying@stella-robot.com



Company Name:

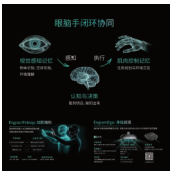
TranscEngram Limited

V15

Founder(s):

Prof. Yi Ma, Director, HKU Musketeers Foundation Institute of Data Science;
Director, HKU School of Computing and Data Science;
Professor, Chair of Artificial Intelligence, HKU
Prof. Shenghua Gao, Associate Professor, Dept. of Computer Science, School of Computing and Data Science
Prof. Yanchao Yang, Member, HKU Musketeers Foundation Institute of Data Science;
Assistant Professor, HKU School of Computing and Data Science;
Assistant Professor, Dept. of Electrical and Computer Engineering, HKU

Key Innovations:



EngramEgo delivers a lightweight egocentric 4D interaction data acquisition solution. With wearable hardware and proprietary EgoAllo & CUPID algorithms, it reconstructs human-hand-object interactions in real environments and outputs transferable datasets for embodied intelligence training.

Contact Info:

yan.sun@transcengram.com
zhiru.shi@transcengram.com

Project Title:

UltraNDE/DeepSonix Limited

HE7

Principal Investigator(s):

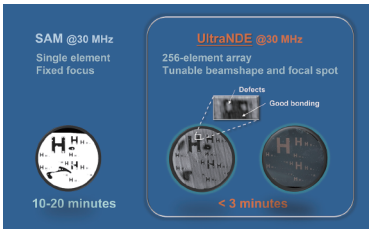
Prof. Wei-Ning Lee, Deputy Head, Associate Professor, Dept. of Electrical and Computer Engineering, Faculty of Engineering
Mr. Bingze Dai
Ms. Yang Leng
Mr. Shiqi Yang

Key Innovations:

UltraNDE combines high-frequency array transducers, advanced beamforming, and AI-driven signal processing. By replacing mechanical raster scanning with electronic beamsteering, it delivers rapid, non-invasive, sub-micron acoustic imaging to identify internal delamination, voids, and micro-cracks across complex multi-layer semiconductor assemblies without damaging delicate packaging structures.

Contact Info:

weikatingting@gmail.com



Project Title:

VaultAxis Limited: Decentralised On-chain Derivatives Market to Off-chain Redemption Network

V8

Principal Investigator(s):

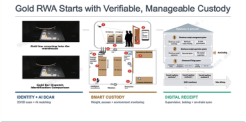
Prof. Chen Lin, Vice-President and Pro-Vice-Chancellor (Business)
Stelux Professor in Finance

Key Innovations:

VaultAx is a digital asset trading and settlement platform for institutional and individual investors, connecting gold and other real-world assets (RWAs) with high-performance on-chain markets. The platform supports 24/7 trading, tokenization, derivatives, and programmable settlement, along with physical custody and redemption with reliable physical delivery.

Contact Info:

yangyou@hku.hk







Project Title:

Wafer-level thermal solution based on GaN-diamond bonding technology
Diamontronics Limited

V4

Principal Investigator(s):

Prof. Yang Lu, Chair Professor, Dept. of Mechanical Engineering, Faculty of Engineering

Key Innovations:

1. Plasma-assisted polishing

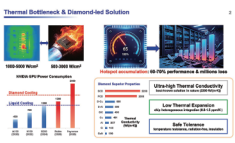
2. Fs-laser post-processing

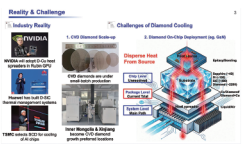
3. Damage-Free Interface bonding

Contact Info:

yxguodts@hku.hk







Project Title:

Wafer-Scale Flexible Diamond Membranes

HR6

Principal Investigator(s):

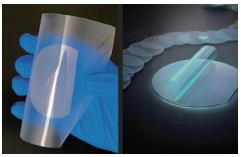
Prof. Zhiqin Chu, Associate Professor (joint appointment with School of Biomedical Sciences), Dept. of Electrical and Computer Engineering, Faculty of Engineering

Key Innovations:

Diamond is the ultimate semiconductor material, membranes has use. of scalable, polycrystal diamond embranes at its unmatched material properties for high-power electronics, quantum but the prohibitive cost of synthetic diamond limited its commercial. DiamNEX introduces the world's first edge-exposed exfoliation technology, enabling the production 1/1000th the cost, therefore unlocking computing, and next-generation RF systems.

Contact Info:

info@diamnex.com



Project Title:

AI Policy and Literacy in Education

HG6

Principal Investigator(s):

Prof. Cecilia Chan, Professor, Teaching and Learning Innovation Centre (TALIC), Faculty of Education, AI in Education Lab

Key Innovations:

- **Policy & Frameworks:** AI Ecological Education Policy Framework for institutional planning.
- **Literacy & Training:** Self-paced AI courses, hands-on workshops, and practical resources for ethical GenAI use across universities and K-12 schools.
- **AI Applications:** SuperTA for designing AI-resilient assessments, and My Exam Generator for streamlining customised exam creation.

Contact Info:

ckchan09@hku.hk | marie422@hku.hk

Company Name:

Creato

HF1

Founder(s):

Alex Tong, Co-Founder & Chairman

Company Details:



Creato delivers a specialized AI ecosystem: Altos/Charlie² uses real-time simulation metrics and domain-specific LLMs for aviation radio-telephony and flight training; Seda AI maps conversational sentiment onto the psychological PERMA model for mental health analytics; and a "Build-Your-Own-Tutor" framework offers schools secure, zero-leak private AI environments.

Contact Info:

alex.tong@creatogether.app

Project Title:

Diversity, Equity, Inclusion, Justice and Belonging Laboratory

HG4

Principal Investigator(s):

Prof. Puja Kapai, Associate Professor, Faculty of Law

Key Innovations:

Research-backed DEIJB tools help schools address discrimination as a systemic issue, not isolated acts.

Resources co-created with marginalised groups honour lived experiences to strengthen identity belonging and representation.

Teacher network resources and toolkits provide practical strategies to build inclusive classrooms and fair assessment.

Contact Info:

deijblab.hku.hk

Company Name:

Hong Kong X Foundation Limited
HK InnoX Academy Limited

HE12

Company Details:

Established by HSG (HongShan Capital Group), Hong Kong X Foundation is devoted to promoting entrepreneurial culture in HK, supporting HK's young entrepreneurs and building the new eco-system for HK's innovation and technology start-ups.

In 2022, Hong Kong X Foundation, a subsidiary of HSG, initiated the establishment of the first innovative non-profit educational institution jointly established by the government, industry, and academia - Hong Kong InnoX Academy.

Contact Info:

contact@hkxfoundation.org

Company Name:

Miracle Plus

HE11

Company Details:

Miracleplus, founded in 2019, supports early-stage startups through investment, mentorship, and intensive acceleration programmes, helping founders achieve product-market fit, build sustainable businesses, and secure follow-on funding.

Contact Info:

contact@miracleplus.com



Project Title:

Mixed and Augmented Reality as a 3D analysis and data collection tool for Archaeological excavations / Ararat Plain Southeast Archaeological Project (APSAP)

HG5

Principal Investigator(s):

Prof. Peter J. Cobb, Associate Professor, School of Humanities, Faculty of Arts, HKU
Mr. Hayk Azizbekyan, PhD Candidate, School of Humanities, Faculty of Arts, HKU

Key Innovations:

- **Mixed and Augmented Reality:** Mixed and Augmented Reality headsets allow users to see the removed contexts back to their original place.
- **AR smart glasses:** AR smart glasses together with AI agents provide speech-to-text-to-server data input through voice commands.

Contact Info:

hayk@connect.hku.hk

Company Name:

SpeakAble HK

HC11

Founder(s):

Ariel Chow, Co-Founder & CEO

Company Details:

SpeakAble HK is an AI-powered assistant tool for everyday Cantonese speech practice at home. Using voice cloning, learners practise with a familiar voice reference and repeat targeted speaking tasks in a low-pressure way. The web app helps families build consistent routines and provides progress records that can be reviewed with teachers and speech therapists. SpeakAble supports practice between sessions and does not provide diagnosis or clinical care.





Contact Info:

arielchow@speakable.hk

Project Title:

SWITCH: Social Worker Interactive Training Chatbot

HF2

Principal Investigator(s):

Dr. Johnson CS Cheung, Senior Lecturer, Dept. of Social Work and Social Administration, Faculty of Social Sciences
Prof. Ben Kao, Professor, School of Computing and Data Science
Dr. Kevin Wu, Lecturer, Tam Wing Fan Innovation Wing, Faculty of Engineering

Key Innovations:

- **GenAI virtual clients:** Simulates complex, lifelike client scenarios for realistic, 24/7 interactive counseling practice.
- **Cross-disciplinary co-creation:** Jointly developed by HKU Social Work and Tam Wing Fan Innovation Wing engineering teams.
- **Reflective learning:** Promotes deep self-reflection on student-client interactions during simulated interviews.

Contact Info:

wukevin@hku.hk





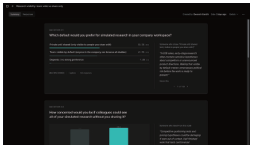
Company Name:
Decisions Lab

HD11

Founder(s):
Louis Cheung, Co-Founder & CEO
Devansh Gandhi, Co-Founder & CTO

Company Details:
Decisions Lab uses AI to simulate how B2B customers respond to different marketing strategies before companies launch them. By building simulated buyers from real-world behavioral and professional data, the platform tests customer segments, product positioning, value propositions, and messaging. Companies can identify which audiences to prioritize, what messages are most likely to resonate, and where objections may arise, reducing the time, cost, and uncertainty involved in traditional market testing.

Contact Info:
louis@decisionslab.io

Project Title:
Development of a Simulation Platform and Artificial Intelligent Algorithms for Optimising Operation and Management of Taxi E-hailing Services

HG2

Principal Investigator(s):
Prof. Junjie Chen, Assistant Professor, Dept. of Civil and Computer Engineering, Faculty of Engineering, HKU

Key Innovations:
- AI-driven dispatching recommends suitable orders by matching drivers, passenger demand, and fleet needs.
- Fleet-level coordination tools improve order allocation, operational efficiency, service reliability, and passenger experience.
- Long-term deployment in SynCab vehicles validates real-world feasibility and supports industry-wide digital transformation.

Contact Info:
binchou@hku.hk

Company Name:
DotofAI

HD3

Founder(s):
Rachel Ko

Company Details:
Dotof is an AI employer-candidate matching platform that connects the right employers with the right talents through intelligent sourcing, deep matching and verification. By sourcing candidates from multiple channels, analysing them with recruiter-level reasoning, and validating workplace skills through realistic job-simulation assessments, Dotof generates explainable and evidence-based hiring recommendations. This enables employers to hire with greater confidence while giving candidates more opportunities to demonstrate their true abilities beyond their CVs.

Contact Info:
rachel.luk@dotof.ai




Company Name:
DueSphere AI Limited

HD12

Founder(s):
Mr. Paras Kalura, Senior Research Assistant, Faculty of Business and Economics
Prof. David Bishop, Associate Professor of Teaching, Faculty of Business and Economics
Ms. Isla Wilson, PhD Student, Dept. of Sociology, Faculty of Social Sciences

Company Details:
DueSphere AI provides an AI-powered due diligence platform that helps multinational brands automate labour risk detection and compliance monitoring across global supply chains. We are a bottom-up due diligence platform that centers and amplifies worker voice, using AI to continuously surface risk signals directly from the ground rather than waiting for periodic audits. By transforming fragmented data and worker-reported insights into actionable intelligence, we enable brands to detect issues earlier, respond faster, and move from checkbox compliance to meaningful, ongoing protection of workers across their supply chains.

Contact Info:
info@duespherеai.com



Company Name:
Fano Labs Limited

HD9

Founder(s):
Dr. Miles Wen, CEO & Co-Founder of Fano Labs Ltd. Honorary Assistant Professor in EEE, HKU

Company Details:
Fano's Voice-to-Compliance and Fraud Detection solution helps regulated enterprises make customer interactions safer, more compliant, and more trustworthy. It uses multilingual speech recognition, speaker diarization, voice biometrics, and deepfake detection to analyse calls, verify speaker identity, detect impersonation risks, and check whether required scripts or disclosures are followed. The solution supports audit-ready reporting and helps compliance, risk, and operations teams reduce manual review workload.

Contact Info:
yankee.wong@fano.ai



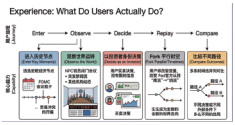
Project Title:
GENESE Economic World Model

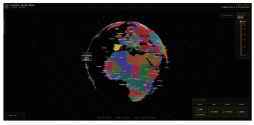
HD2

Principal Investigator(s):
Prof. Ye Luo, Associate Professor (Economics and Finance); Associate Director of Institute of Digital Economy and Innovation

Key Innovations:
GENESE is an economic world-model platform. Using flexible AI systems, it allows decision-makers to safely simulate, replay, and compare different market scenarios like "parallel worlds"—testing strategies before risking real capital.

Contact Info:
kurtluo@hku.hk





Company Name:
KAPIDA

HD10

Founder(s):
Florence Ng, Founder, HKU Alumni
Tiffany Zhang, Co-Founder

Company Details:
KAPIDA Technology specializes in the R&D and industrialization of NFC smart products. Its core offerings include NFC smart business cards, NFC creative gifts, NFC souvenirs, and NFC scenario-based application solutions (e.g., gallery and museum guided tours). Built on NFC and AI technologies, the products feature contactless interaction, rapid response, dynamic data updates, and intelligent content generation and recommendation. Integrated with Eastern aesthetic design, they combine practicality with collectible value.

Contact Info:
florence_nmy@yahoo.com.hk





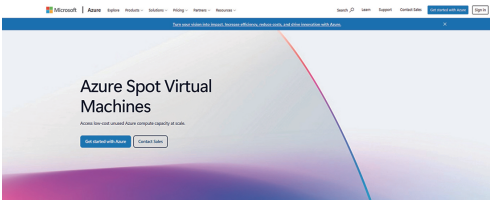
Project Title:
Market Design and Resource Optimization in Cloud Computing

HD1

Principal Investigator(s):
Prof. Will Peichun Wang, Associate Professor (Management and Strategy), Business School

Key Innovations:
Microsoft Azure Spot Virtual Machines combines AI forecasting with dynamic pricing mechanisms to unlock underutilised cloud server capacity. By making computing power more affordable and accessible, the solution helps businesses scale efficiently while maximising resource utilisation across cloud infrastructure.

Contact Info:
willw@hku.hk



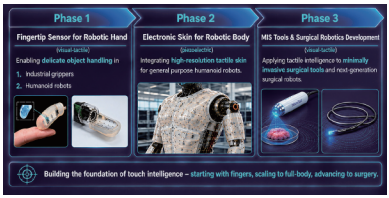
Company Name:
NeuroTact Limited

HD5

Founder(s):
Arron Ren Zhiqiang, PhD Candidate, Peng Cheng Lab.

Company Details:
NeuroTact enables human-level touch in robots by combining high-resolution visuotactile sensing, flexible piezoelectric electronic skin, and proprietary neuromorphic AI chips. Integrating TFT circuitry and Spiking Neural Networks, our platform provides millisecond-latency tactile perception and reflexive control for industrial automation, robotic surgery, and next-generation embodied AI.

Contact Info:
christinalpm0817@gmail.com

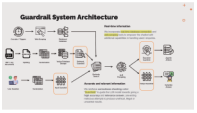


Company Name:
Pingo

HD4

Founder(s):
Jack Chan, Founder & CEO, MAGO AI
HKU Business & Computer Science

Company Details:

PINGO serves organizations in regulated, trust-sensitive industries—insurers, financial-services firms, healthcare providers, clinics, and enterprises where a wrong or non-compliant answer carries real consequences. These customers cannot rely on generic chatbots. PINGO's two-tier guardrail architecture grounds every answer in the client's own verified knowledge base, preventing hallucination and unsafe output. With configurable privacy and data controls, domain-tuned responses, and full-stack ownership, we automate customer service while preserving the accuracy, compliance, and trust these industries depend on.

Contact Info:
jack@magoai.hk

Company Name:
PressLogic Limited

HD8

Founder(s):
Mr. Ryan Cheung, Founder & CEO, PressLogic Ltd.
BBA in Accounting & Finance 2011, Faculty of Business and Economics, HKU
Mr. Edward Chow, Founder & CTO, PressLogic Ltd.
BBA in Information Systems 2012, Faculty of Business and Economics, HKU

Company Details:
MediaLens is PressLogic's proprietary AI-powered social listening and marketing intelligence platform. It continuously tracks brand mentions, trends and sentiment across Facebook, Instagram, YouTube, Xiaohongshu and local forums such as LIHKG, turning fragmented social data into actionable insight. Marketers can benchmark competitors, discover influencers, analyse winning ad campaigns and receive real-time crisis alerts, while the MediaLens AI Agent generates data-driven strategies and ready-to-publish content. The platform powers PressLogic's own media network of over 20 million followers across Asia.

Contact Info:
ryan@presslogic.com





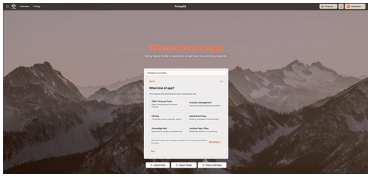
Company Name:
Prompify - Enterprise Application AI Builder

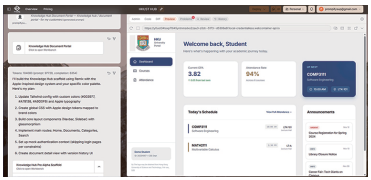
HD7

Founder(s):
Mr. Ueno Masashiro, CEO

Company Details:
Prompify helps SMEs rapidly create custom operational software without coding or prompt writing. Its guided builder generates instant, tailored applications to solve slow development and rigid off-the-shelf SaaS limitations.

Contact Info:
mark@prompify.com





Company Name:

Tonwa Technology

HF3

Founder(s):

Jacky Wen, CEO

Company Details:

Tonwa Technology (TONWA) specializes in AI-powered cultural and creative customization. Using an innovative "AI + On-Site Engraving & Printing" model, we integrate IP across four dimensions: venues, events, personalities, and brands. We deliver personalized, heartfelt, and memorable cultural and creative product solutions for corporate clients and end consumers alike.

Contact Info:

kleman@tonwa.com.cn





Company Name:

Clear Robotics

HD6

Founder(s):

Mr. Sidhant Gupta, Co-Founder, CEO
Mr. Utkarsh Goel, Co-Founder, CTO

Company Details:





Clearbot is an AI-powered autonomous electric surface vessel built to transform waterway management. It performs floating waste collection, aquatic vegetation removal, hydrographic and draft surveys, and environmental monitoring with minimal human intervention. Equipped with computer vision, robotics, and a cloud-based dashboard, Clearbot delivers real-time operational insights while improving efficiency, reducing emissions, and lowering maintenance costs. It enables ports, municipalities, industries, and environmental organizations to maintain cleaner, safer, and more sustainable waterways through intelligent, data-driven operations.

Contact Info:

utkarsh@clearbot.org

Company Name:

Farmacy Group: Smart Mobile Farm & Sustainable Urban Food Network

B1

Founder(s):

Huen Chun Kit, Co-Founder & CTO
Mak Ka Chun Raymond, Co-Founder & CEO

Company Details:

Farmacy is an award-winning urban ag-tech pioneer revolutionizing food systems through data-driven vertical farming and cloud-based smart infrastructure. Headquartered in Hong Kong and expanding globally such as Australia, we deploy automated, IoT-powered growing systems across 50+ urban sites. By integrating real-time analytics and environmental controls, Farmacy empowers modern cities to address food security while delivering measurable ESG impact: slashing water usage by 90%, transport carbon emissions by 70%, and food waste by 30%. We are engineering the intelligent, decentralized agricultural network for smart cities worldwide.



Contact Info:

jenny@farmacyhk.com

Company Name:

Hong Kong Society of Psychological Innovation (HKSPI)

HC9

Founder(s):

Kristen Lei, HKSPI Founder & Chairman, Dept. of Psychology
Michelle Li, HKSPI Board Chair and Honorary Advisor, Registered Educational Psychologist, PhD Candidate at Dept. of Psychology
Tiffany Yip, HKSPI Vice Chair, Programme and Innovation, HKU Alumni at Dept. of Psychology

Company Details:

- HK's first technology-driven, "for youth by youth" psychoeducation for schools, via AI and VR to target holistic wellness and suicide prevention
- Leverage expertise of professors, registered psychologists and psychology postgraduates
- Subscription-based digital mental health gaming platform, school needs AI Identification Engine, interactive workshops & carnivals
- HK's largest Psychology and Mental Health Fair

Contact Info:

info@hkspi.co





Company Name:

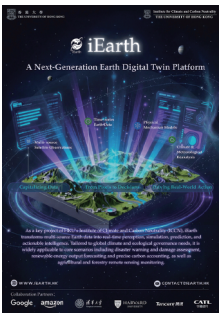
iEarth : AI-Powered Earth Intelligence Platform (Active Cognition Television Limited)

HR4

Principal Investigator(s):

Prof. Peng Gong, Vice-President and Pro-Vice-Chancellor (Academic Development) and Chair Professor of Global Sustainability, Dept. of Geography, Faculty of Social Sciences

Key Innovations:



iEarth delivers a disruptive leap in Earth observation by fusing multi-sensor satellite data into a single, AI-powered intelligence platform, providing near real-time, high-resolution monitoring of essential climate and earth variables a capability unique in the world. Our proprietary technology reduces computational costs by 1,000x, transforming vast data into intuitive analytics, providing a critical advantage for government, financial, insurance, and carbon trading sectors that depend on precise, timely geospatial insights.

Contact Info:

contact@iearth.hk

Company Name:

MoodBox Limited

HC10

Founder(s):

Miss. Yu Yingqi YoYo, Co-founder & Business Director
Master of Social Work, Dept. of Social Work and Social Administration, Faculty of Social Sciences, HKU
Mr. Leung Hiu Yeung Thomas, Co-founder & Product Designer
Bachelor of Engineering Graduate, Dept. of Civil Engineering, Faculty of Engineering, HKU

Company Details:





MoodBox is a design-led social enterprise on a mission to break the stigma around mental health through relatable characters and thoughtful tools. We personify common mental health conditions into original IP characters — Demi (depression), Anxi (anxiety), Odie (ODD), and Zippy (ADHD). Combined with emotional toolboxes and an anonymous storytelling platform "Messages in a Bottle", we make emotional struggles feel less isolating and more understood. We believe that accepting every emotion is the first step toward healing.

Contact Info:

yoyoyu325@gmail.com
yoyu0325@connect.hku.hk

Company Name:

ReGen Technology

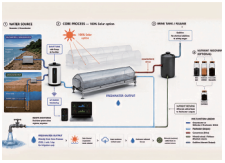
HC12

Founder(s):

Julian B Gaertner

Company Details:





ReGen Technology Holdings Limited develops solar-powered desalination systems that convert ocean water into usable freshwater for agriculture, people and off-grid applications. Based in Hong Kong, the company focuses on scalable, energy-efficient solutions designed for water-scarce and coastal regions worldwide. By integrating regenerative technology principles with latest technology, ReGen aims to support sustainable farming, ecosystem restoration, and resilient water infrastructure.

Contact Info:

daniel@regen.technology

Company Name:
ANIWARE Company Limited

HC3

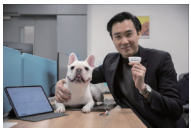
Founder(s):

Dr. Joe Mak, Founder & CEO, ANIWARE Co., Ltd.

Company Details:

Aniware is a Hong Kong startup redefining pet care through AI and data solutions. By connecting the fragmented pet care journey across home, veterinary clinics, and specialist hospitals, Aniware turns veterinary ECG into scalable AI-powered diagnostics and monitoring through its flagship product, CardioBird.





Contact Info:

louise.tan@aniware.ltd

Company Name:
Do Did Dust Food Limited

B6

Founder(s):

Ms. Cherry Lee, Co-Founder & HKU Alumni, Faculty of Science

Company Details:

Do Did Dust Food innovates the circular food economy by upcycling okara—a byproduct of soy milk production—into craveable snack chips, Okara Chips. Our technology captures the nutritional benefits of high-fiber soy pulp while eliminating the need for MSG or artificial flavoring. By merging sustainable manufacturing with gourmet flavor profiles, we provide a guilt-free, eco-conscious snacking experience. We are bridging the gap between food waste reduction and consumer health, proving that sustainability can be delicious.

Contact Info:

cherry.lee@dodiddust.com





Company Name:
Eat100 Limited

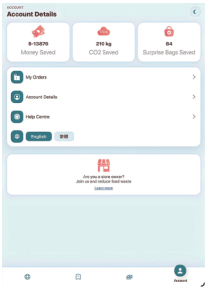
HC5

Founder(s):

Mr. Anson Wong, Director

Company Details:

Eat100's innovative approach to combating food waste has garnered significant attention from leading publications. Our mission to connect surplus food with consumers while supporting local businesses has been featured across various media outlets, highlighting our contribution to Hong Kong's sustainability efforts.



Contact Info:

jad.khiami@connect.hku.hk

Company Name:
EC Innovation Limited

HC6

Founder(s):

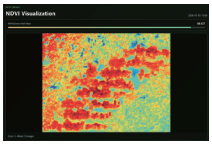
Jackson Yip, CEO & Co-Founder

Company Details:

AI Plant Health & Biodiversity Monitoring System: Monitor biodiversity and real-time health status of plants.
Zone-specific IoT Precision Fertigation System: Improve the visual appearance of plants and conserve significant water for irrigation.
Greenery Fire Control & Extinguishment System: Leverage thermal imaging and AI to mitigate fire risks; Connect signal with smart irrigation system to extinguish fire.

Contact Info:

jacksonyip@ecinno.tech





Project Title:

Elevatefoods

HB12

Principal Investigator(s):

Prof. Connie Kong-Wai Lee, Associate Professor of Practice, School of Innovation

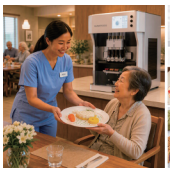
Key Innovations:

Elevatefoods offers patented, real-time printing and cooking powered by AI-driven smart formulation and shape generation. Non-contact graphene heating elements deliver precise thermal control during extrusion, cooking layer-by-layer. This guarantees exact IDDSI compliance, personalized nutritional profiles, superior food quality, and reduced operational labor.

Contact Info:

inquiries@elevatefoods.tech







Project Title:

HINCare: AI Solution for Intelligent Volunteer Matching

HB7

Principal Investigator(s):

Prof. Reynold Cheng, Professor, Division Head of AI and Data Science, School of Computing and Data Science

Key Innovations:

- A large-scale cloud-based platform that supports data-driven volunteering
- AI model based on Heterogeneous Information Network (HIN) technology by the PI for recommending high-quality helpers to service recipients
- An elderly-friendly mobile app and a cloud-based data management and analytics system
- Customization of volunteering modes for multiple NGOs on the same software platform

Contact Info:

enquiry@star.hku.hk





Company Name:

Kego Technology Co., Limited

HC2

Founder(s):

Mr. Benjamin Huang, CEO, Kego Technology Co., Ltd.

Company Details:

Kego is a consumer-grade intelligent pelvic floor training system combining a pressure-sensing Kegel device and an AI-powered training app. Real-time biofeedback turns muscle contractions into interactive games, while biomechanical analysis supports contraction assessment and personalised plans. Its ergonomic two-finger grip and depth limiter simplify use, and the private home setting helps women build a consistent pelvic floor wellness routine for postnatal recovery and long-term preventive health.



Contact Info:

hk1st@connect.hku.hk

Company Name:

Kynetic

HB9

Founder(s):

Ananye Dayal, CEO; Undergraduate Student, Faculty of Engineering
Krish Gupta, CFO; Undergraduate Student, Faculty of Engineering
Krish Paras Patel, Chief Design Officer, Undergraduate Student, Faculty of Architecture

Company Details:

- **5-Unit IMU Network:** Limb segments are tracked in 3D space and calculates joint angles in real time.
- **Swing-Twist Decomposition:** Separates joint bending from rotation to track flexion and supination, ensuring accurate form readings across all anatomies and arm positions
- **Instant Form Benchmarking:** Automatically identifies the exercise, comparing live form against target benchmarks to flag errors instantly

Contact Info:

u3613606@connect.hku.hk





Project Title:

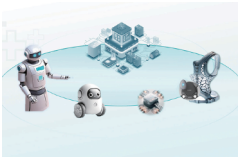
MetaSurgical: An AI clinical service platform for robot intelligence

V3

Principal Investigator(s):

Prof. Grace Teng Zhang, Dept. of Orthopaedics and Traumatology, Digital Health Lab, Li Ka Shing Faculty of Medicine

Key Innovations:



Our intelligent platform transforms medical rehabilitation by integrating multimodal data, AI spatial intelligence, and physical simulation. Covering everything from clinical assessment to wearable monitoring, it enables high precision, continuous care across environments. Featuring Wukong3D, AlignPro, and 4DOrtho, our comprehensive solution alleviates caregiver shortages and standardizes treatment for improved patient outcomes.

Contact Info:

kuangxh@hku.hk

Company Name:

Milla's Fizz

B3

Founder(s):

Miss Camilla To, Director & Founder

Company Details:

Milla's Fizz is a handcrafted natural fermented probiotic soda made in small batches using traditional fermentation methods. Unlike conventional soft drinks loaded with artificial ingredients, our beverages are crafted with real fruits, fresh botanicals, and live cultures to create refreshing drinks full of natural character. Our sodas are not just healthy, they are delicious as well.

Contact Info:

camillatow@gmail.com



Company Name:

Mindful Sparks

B5

Founder(s):

Winston Lau, CEO, Founder, Nutrition and Food Science Background

Company Details:





Mindful Sparks was founded in 2021 by Winston Lau. With a background in nutrition and food science from The University of Hong Kong, he thoughtfully brings together the artistry of tea and scientific innovation. He was also named to Forbes' 30 Under 30 Asia in 2025.

Mindful Sparks crafts sparkling tea for a luxurious dining experience—elevating tea heritage while promoting a mindful drinking culture grounded in wellness and a non-alcoholic lifestyle.

Contact Info:

alex.mak@mindful-sparks.com

Company Name:

Nura Matcha Healthy Drinks

B2

Founder(s):

Edasu Guener, Co-Founder & CEO
FBE, BBA (EDI & ISA)

Company Details:





NURA VIBEZ is Hong Kong's first bottled matcha latte with 40% of your daily fibre — crafted for those who want calm energy without the crash.

Made with premium Zhejiang matcha, 10g of fibre, and no artificial additives or preservatives.

In a city where over 90% of us don't get enough fibre, we believe feeling good should be for everyone — whether you're hitting the gym, flowing through pilates, or just navigating a busy day.

That's why we built NURA: to make feeling good taste good, with ingredients you can trust and a bottle you can recycle.

Looks Good, Feels Good, and yes, Tastes Good.

Contact Info:

hello@nuravibez.com

Company Name:

Pearl Power Research Limited

HC4

Founder(s):

Prof. Billy KC Chow, Professor, Chair of Endocrinology, School of Biological Sciences, Faculty of Science
Dr. Yan Wa Tat, CEO, PhD, School of Biological Sciences, Faculty of Science

Company Details:

Pearl Power Research Institute develops scientifically proven detoxification supplements using advanced pearl powder. Our innovative formula supports liver metabolism and activates the body's natural detox mechanisms to effectively eliminate heavy metals accumulated through the food chain and environmental exposure. This natural solution offers superior bioavailability for optimal health and wellness.





Contact Info:

jodx@pprihk.com

Company Name:

PeckPerk – AI-Powered Backyard Nature Exploration Platform

HC1

Founder(s):

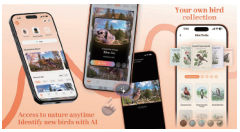
Mr. Jason Zhengxi Chen, Founder & CEO, WiseForge Innovative Technologies Ltd.; MBA Alumnus, HKU Business School

Company Details:

WiseForge commercialises PeckPerk, an AI-powered nature exploration platform that turns backyards into interactive wildlife observatories. Its solar-powered smart bird feeders combine high-definition imaging, AI species recognition and a mobile app to capture visits, send real-time alerts and build personalised wildlife records. By making birdwatching easier, more educational and shareable, PeckPerk helps families reconnect with nature while creating a scalable foundation for broader backyard ecology monitoring and future smart plant-care products.

Contact Info:

jason@peckperk.com





Company Name:

Performance X

HC7

Founder(s):

Brian Worthington

Company Details:

Performance X develops precision microbiome therapeutics for elite Thoroughbred racehorses. Using proprietary probiotic-synbiotic formulations built from beneficial bacterial strains isolated from healthy Thoroughbred racehorses, the platform restores and maintains gut health, reduces costly digestive disorders such as colic, and supports peak athletic performance in tropical racing climates. An accompanying AI-powered diagnostic dashboard tracks each horse's microbiome over time, turning gut-health data into actionable insights for trainers, veterinarians, and owners.

Contact Info:

brian.worthington@pfxbio.com





Company Name:

ReMobility Limited

HB11

Founder(s):

Prof. Gary Lau, Assistant Dean (Education Innovations), Clinical Associate Professor, Dept. of Medicine, Faculty of Medicine
Dr. Wilton Fok, Associate Dean (Student Enrichment), Principal Lecturer, Dept. of Electrical and Computer Engineering, Faculty of Engineering
Dr. Elton Yeung, Resident Trainee, Dept of Neurosurgery, Queen Mary Hospital
Ms. Carol Chan, Assistant Lecturer, Dept. of Electrical and Computer Engineering, Faculty of Engineering

Company Details:

Our vision is to provide affordable, accessible and scalable telerehabilitation solutions to patients worldwide. We developed SmartRehab which is a telerehabilitation platform tracking movements using a mobile device without external sensors. It gives instant feedback to guide patients to undergo rehabilitation exercises at home while therapists can monitor remotely on a web portal. With SmartRehab, patients can greatly enhance their rehabilitation experience and outcome, and therapists can monitor patients more efficiently.

Contact Info:

support@remobility.net



Project Title:

Resture: Active Smart Pillow for Dynamic Sleep Support

HB8

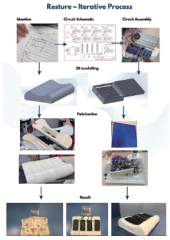
Principal Investigator(s):

Kate Wiliem
Jessica Ou
Eden Winner Gozali
Lok Chi Chan
Vaylin Theron
Lucy Tansi
Jovian Anggono Kurniawan
Undergraduate Students, Faculty of Engineering

Key Innovations:

A smart pillow integrating sensors and adjustable airbag support to dynamically adapt to sleeping posture.
Provides personalised head and neck support by redistributing pressure and filling unsupported gaps.





Contact Info:

kyle0522@hku.hk

Company Name:

SightTorch Technology Limited

HB10

Founder(s):

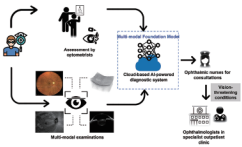
Prof. Christopher K.S. Leung, Chairperson and Clinical Professor, Dept. of Ophthalmology, School of Clinical Medicine

Company Details:

SightTorch Technology is dedicated to resolving critical pain points in Hong Kong's healthcare system, specifically the severe shortage of ophthalmologists and the excessively long waiting times for specialist outpatient services. SightTorch has developed 1) a multi-modal multi-disease AI diagnostic system to enable referral decision making without an ophthalmologist; and 2) a 24/7 intelligent patient management system for real-time health monitoring. The company strives to cut specialist outpatient waiting times by over 90% while significantly reducing cases of preventable vision loss.

Contact Info:

pywguo@hku.hk





Company Name:

Sodaz

B4

Founder(s):

Aaron Pang, Co-Founder & CEO
Kethena Tang, Co-Founder & COO
Alex Pang, Co-Founder & CFO

Company Details:

Sodaz transforms surplus, imperfect and food-processing fruit by-products into premium beverages. Its whole-fruit approach creates juices, smoothies, craft fruit teas and functional drinks from pulp, skins and seeds that would otherwise be discarded. Gentle, low-temperature processing preserves flavour, nutrients and bioactive compounds, while a pilot automated aluminium bottling facility in Yuen Long supports scalable local production and collaboration with farmers and juice manufacturers.

Contact Info:

alex.pang@sodaz.co





Company Name:

Solefit Care Limited

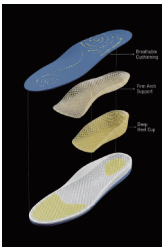
HC8

Founder(s):

Vinita Turakhia, Founder & CEO
Ka Po Chan
Nickey Kemchandani

Company Details:

SoleFit is a preventative care solution for foot pain.
By training our diagnostic model on Asian foot morphologies, we eliminate Western data bias, achieving 94% accuracy. We replace expensive, bulky clinical hardware with SoleScan, a LiDAR-enabled iPhone app that captures high-fidelity 3D foot scans and kinematic data. This streamlined platform automates diagnosis, custom insole design, and 3D printing fulfillment, making clinical-grade foot care accessible, affordable, and highly scalable for clinics and patients alike.



Contact Info:

vinita@solefitcare.com

Company Name:

Amazon Web Services (AWS)

HP3

Company Details:

AWS for Startups draws on nearly 20 years of experience supporting over 350,000 startups globally. Through AWS Activate, founders receive up to $100,000 in cloud credits, technical mentorship, business guidance, and go-to-market resources to move from first line of code to scale.

Contact Info:

aws-startups-hk@amazon.com

Company Name:

China Mobile (Hong Kong) Innovation Research Institute

HP1

Company Details:

Innovate The Future Together
Calling All Tech Visionaries & Innovators

Contact Info:

www.cmiri.hk

Company Name:

China Resources Research Institute of Science and Technology

HP7

Company Details:

華潤科學技術研究院將依託香港與內地的科創生態與政策紅利，打造「政策賦能-生態聯動-科創育產-人才引育」於一體的科技服務體系，助力科創事業高質量發展。

Contact Info:

https://www.crrist.com.hk/

Company Name:

Grand Pharmaceutical Group

HP2

Company Details:

Grand Pharmaceutical Group Limited (0512.HK, "Grand Pharma" or the "Group") is an international pharmaceutical company of technological innovation. Its core businesses cover three major areas, namely nuclear medicine anti-tumor diagnosis and treatment and cerebrocardiovascular precision interventional diagnosis and treatment technology, pharmaceutical technology and biotechnology. Based on the pharmaceutical and biological industries, the Group focuses on the needs of patients, and takes technological innovation as the driving force. In response to the unmet clinical needs, the Group will increase its investment in global innovative products and advanced technologies, enrich and improve its product pipelines, consolidate and strengthen its industrial chain layout, and fully leverage the Group's industrial strengths and R&D capabilities to provide more advanced and diverse treatment solutions to patients worldwide.

Contact Info:

ir@grandpharma.cn

Company Name:

Gtrontec Technology Co., Ltd.

HP6

Company Details:

GTRONTEC is an industrial AI company strategically incubated by TCL in 2018. Serving the semiconductor and related high-tech manufacturing industries, GTRONTEC provides Oc-toMind, an industrial intelligent decision-making platform, together with a suite of industrial AI agents spanning production, equipment, quality, energy and carbon management, logistics, and supply chain operations. With over 1,500 employees, GTRONTEC has served more than 30,000 enterprises and delivered over 300 AI projects across China, Southeast Asia, the Middle East, the Americas, and Europe.

Contact Info:

https://gtrontec.com/

Company Name:

Medical Image Insights Intelligent Technology (Hong Kong) Limited

HP4

Company Details:

Medical Image Insights is an AI technology company founded by leading experts in medical imaging, dedicated to advancing AI innovation and real-world applications in healthcare.

Powered by its proprietary MIIA® Medical Imaging Foundation Model, a cross-modal and end-to-end foundation model, the company delivers AI solutions across the medical imaging workflow, including multimodal AI agents, digital physician avatars, intelligent imaging solutions, and medical imaging data asset management.

Medical Image Insights aims to enhance clinical and operational efficiency and build the next generation of AI infrastructure and ecosystem for medical imaging.

Company Name:

Roche Hong Kong Limited

HP5

Company Details:

We combine life-changing diagnostics and medicines to take on toughest healthcare challenges, those place the greatest strain on patients, families, communities and health systems.
Guided by the experiences of patients, we are determined to prevent, stop and cure diseases so people can live healthier, longer lives.

Contact Info:

www.roche.com

Project Title:

Centre of Development and Resources for Students

V22

Key Innovations:

The Centre of Development and Resources for Students (CEDARS) is committed to fostering an intellectually stimulating and culturally diverse campus to enrich students' total learning experience at HKU. Bridging the boundary between classroom and the world, we provide support services, resources and educational programmes to all current undergraduate and postgraduate students.

Cedars are ornamental trees with durably scented wood and evergreen leaves; they signify growth, development and shelter which are the goals of our work for students. At CEDARS, we hope to nurture students with a durable scent of the intellect so that they are forever young and fresh.

Contact Info:

cedars@hku.hk

Project Title:

Global Hub for Future Dentistry

V27

Key Innovations:

A specialized incubation programme jointly developed by HKU and HKSTP, which is the first in Hong Kong to drive dental innovations and entrepreneurship while fostering dentistry research translation and commercialization.

Contact Info:

ghfd@hku.hk



Project Title:

HKU Institute for China Business

V24

Key Innovations:

The HKU Institute for China Business was established in 2010 with the aim of promoting the development of Chinese business culture. By integrating Chinese wisdom and global perspectives, the Institute seeks sustainable business management models tailored to China. It focuses on people-oriented, innovative, and modern business education, training Chinese business management professionals with a global vision to support China's reform and opening-up.

Contact Info:

icbenquiry@hku.hk

Project Title:

Law, Innovation, Technology & Entrepreneurship Lab (LITE Lab@HKU)

V21

Key Innovations:



Law, Innovation, Technology and Entrepreneurship Lab at HKU Faculty of Law (LITE Lab@HKU) is an award-winning interdisciplinary and experiential programme focussed on Law of Tech and Tech of Law. Students incorporate responsible AI use to co-design authentic real-world projects with industry partners from tech startups, law firms and multinational corporations.

LITE Lab@HKU recently collaborated with Microsoft on "From Chatbots to Workflows and Agents: Developing a Beginner's Mind to Adopt Responsible GenAI into Legal Practice" as an educational and training Copilot Cookbook for current and future legal practitioners with use case contributions from leading law firms and corporations (eg, CLP, MTR, Bayer).

Contact Info:

bwtang@hku.hk

Project Title:
School of Innovation

V20

Key Innovations:

The School of Innovation at The University of Hong Kong, where we reimagine 21st-century university education to nurture a new generation of innovators who are ready to tackle the world's challenges.

Contact Info:

isch@hku.hk

Project Title:
Social Venture Lab

V25

Key Innovations:

The Social Venture Lab (SV Lab) is an initiative of the Faculty of Social Sciences dedicated to nurturing innovation, socially driven ventures, and entrepreneurial skills among students.

Contact Info:

socventures@hku.hk

Project Title:
Strategic Partnership Alliance for Research and Commercialisation

V23

Key Innovations:

To serve as HKU's strategic partnership network for global industry partners, government bodies and NGOs to engage with the University and its allied institutions to accelerate innovation, solve complex challenges, and drive commercial and societal impact.

Contact Info:

bd@versitech.hku.hk

Project Title:
Super Angel Network

V26

Key Innovations:

The HKU Super Angel Network brings together the university community to foster innovation and entrepreneurship, cultivating future leaders through philanthropic contributions, investment, and mentorship. A portion of these funds will support the HKU Entrepreneur Engine Fund, providing patient capital for investment in HKU startups. Additionally, accomplished alumni entrepreneurs will offer their expertise and time to mentor early-stage startups and may also engage in subsequent investment rounds.

Contact Info:

angelnetwork@hku.hk



Project Title:
Techno-Entrepreneurship Academy

HR1

Key Innovations:

The HKU Techno-Entrepreneurship Academy (TEA officially commenced operations on 4 September 2024. Marking its second anniversary, HKU TEA welcomed its 100th incubated project and launched the "ONE·HUNDRED" Initiative to accelerate the commercialization of HKU's research achievements across the region. The academy aims to leverage HKU's strengths in talent, research, innovation, and internationalization, combined with Qianhai's unique position as a leading area for close collaboration between Hong Kong and Mainland China, to achieve mutual benefits. It seeks to attract outstanding technopreneurial talents and high-potential startup companies, contributing to the innovation and entrepreneurial development of the Greater Bay Area.

Contact Info:

teasz@hku.hk





We extend our sincere gratitude to the staff, partners, and students for their incredible support in the making of this publication.

About HKU RISE

HKU RISE — Research, Innovation, Strategic Partnerships and Entrepreneurship — is dedicated to translating discoveries into practical solutions that foster positive social impact and contribute to a sustainable future.

We connect the HKU community with essential services and opportunities, including research funding, intellectual property (IP) management, knowledge/technology transfer, commercialisation, industry collaborations, and startup incubation.

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Support Us

We are witnessing an unprecedented era of discovery, with breakthroughs creating new possibilities for generations to come. HKU is at the forefront of innovation, shaping the future of our city, region, and the world.

We warmly invite you to be part of this remarkable chapter by supporting HKU RISE. Your generous contribution will empower our researchers to pursue breakthroughs and help realise their innovations from the laboratory to the wider world, creating lasting impact for the humanity.

Together, we accelerate discovery, catalyse innovation, and create lasting impact across the global community.