

HKUST UNICORN DAY 2024

HKUST Innovation and Enterprise Unlimited

INVESTMENT PITCHING SESSION RUNDOWN

31 MAY 2024 (FRIDAY)

TIME: 14:15-16:45

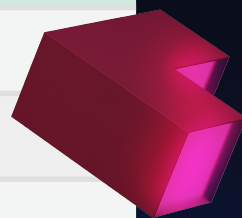
📍 Venue: 2/F, Shaw Auditorium

TRACK ▶ ELECTRONICS, AI AND SMART SYSTEMS (EAS)

Time	Pitching Session
14:15 – 14:21	Roumei (Hong Kong) Technology Limited New generation of LEDs for display and lighting application using innovative quantum rod nanomaterial
14:21 – 14:27	Raysolve Technology Company Limited Raysolve provides quantum dot-based, high brightness full-color micro-LED microdisplays, which will be the core display components in AR glasses
14:27 – 14:33	Hybay Semiconductors Combining the complementary merits of GaN and SiC in a single power switch for electric vehicles and power supply units
14:33 – 14:39	AIVOICE LIMITED Voice clone, Cantonese text to speech, voice separation, auto subtitle
14:39 – 14:45	imBEE Enterprise internal AI assistant for employees
14:45 – 14:51	Bauhinia AI Trustworthy and low-hallucination industry AI agent solutions
14:51 – 14:57	High5 Semiconductor (HK) Ltd. High-SPLIQ Integrated Circuits and System-in-Packages harnessing GaN foundry process targeting enterprise communication applications
14:57 – 15:03	Sitan Semiconductor International Co. Limited Pioneering developer of Micro-LED turn-key solutions. We focus on the development, production, and sales of Micro-LED
15:03 – 15:09	Ainfinity Technology (HK) Co., Ltd. Developing high power GaN devices for medium voltage (5KV) applications based on cost effective, large area Ainfinity smart substrate technology
15:09 – 15:15	AI Sensing Technology Biomimetic olfactory chips that offer a high sensitivity to various gases with excellent distinguish ability for distinct odours
15:15 – 15:21	Goba Solutions Limited Hong Kong's first and only intercity coach platform
15:21 – 15:27	High Energy-Efficient Edge Chips & Systems for Large AI Models This program leverages the innovative software-hardware co-design platform developed by ACCESS to enable the efficient compression of large-scale artificial intelligence (AI) models at the edge
15:27 – 15:33	Automate Rebar Tying Enhance productivity and safety with our robotic solution
15:33 – 15:39	Locolla Limited World 1st net zero carbon emission micro-mobility network powered by solar energy and wireless charging
15:39 – 15:45	Digital Continents Limited A dynamic data ecosystem integrating talent marketplace, AI, and blockchain for seamless data management, visualization, and collaboration
15:45 – 15:51	Bluetech.io Smart building AI+IoT solution for enterprises and shopping malls, optimizing property management and service
15:51 – 15:57	Dayta Visualise your visitor's behaviour and gather data insights with real-time video analytics
15:57 – 16:03	MMSTAR Smart aquaculture
16:03 – 16:09	D-Engraver Limited Smart contract platform that offers blockchain plus AI contract-trading services for all types and sizes of businesses
16:09 – 16:15	ONYX A 24/7 AI assistant coach
16:15 – 16:21	Ephod Technology Limited Ephod Intelligence, a SaaS platform, uses quant models to generate personalized trading signals for analysts
16:21 – 16:27	Learnovate Technologies Limited Pregrade uses AI to pre-grade essays. Like a human TA, Pregrade drafts grades and feedback for teachers to review and finalize
16:27 – 16:33	Talentlabs Limited AI-powered career and recruitment platform
16:33 – 16:39	GitRoll Global talent platform for software engineers, uncovering overlooked talent through data-driven analysis of developers' online activities
16:39 – 16:45	Vidi Labs Ltd. Seekr is an AI wearable device to make spaces accessible

TRACK ▶ MATERIALS, ENERGY AND SUSTAINABILITY (MES)

Time	Pitching Session
14:15 – 14:21	ElequaNova Limited Commercialization of electrochemical technologies for wastewater and sludge treatment
14:21 – 14:27	Plasticvore Chain Ltd. The greenest and friendly scent to protect your area from rodent
14:27 – 14:33	ESGuardian Using silica capsule technology to advocate a waste less and zero carbon but healthy living style
14:33 – 14:39	MOTEX Technology Limited Smart devices and skinsuits for cycling and sports
14:39 – 14:45	E-Fuel Energy Technology Advanced flow battery energy storage technology for high-performance, scalable, and sustainable energy storage solutions
14:45 – 14:51	High-Performance Polymer-Based Quasi-Solid Electrolytes for Commercial High-Energy-Density Batteries This innovation has been successfully implemented in commercial high-loading batteries, addressing critical issues such as graphite exfoliation and silicon pulverization
14:51 – 14:57	Low Cost and Long-Life Hydrogen Fuel Cells Powered by Super Catalysts Low cost and super-durable hydrogen fuel cells catalyzed by a novel hybrid catalyst consisting of ultra-fine platinum alloy nanoparticles and iron single atom non-precious carbon support
14:57 – 15:03	Zero Green-House-Gas (GHG) elastocaloric refrigeration: Kilo-Watt scale air-conditioning prototype Solid-state air heater/cooler with 1.2-Kilowatt power to replace vapor-compression-based cooling/heating
15:03 – 15:09	Durable Multilevel Antimicrobial Protection Safe Antiviral and Antibacterial MAP-∞ for Surfaces MAP-∞ uses nano-assembled polymer to kill microbes, prevent colonization, and release antimicrobial
15:09 – 15:15	New Materials Intelligent Technology Co., Ltd. Innovative microcapsule solutions for adhesives, self-healing, thermal management, and fragrances, aiming for technological independence and large-scale production
15:15 – 15:21	Epitaxial Growth of Mixed-Dimensional Heterostructures for High-Efficient Self-Powered Photodetector A controllable epitaxial growth of highly aligned 1D/2D mixed-dimensional heterostructures with an ultraclean interface and defect-free vdW contact
15:21 – 15:27	Butenolide: A Non-toxic, Highly Efficient and Environmentally-friendly Antifouling Agent Butenolide is a nontoxic, biodegradable, highly effective antifouling compound, derived from marine microorganisms. It provides a green solution to the global biofouling problems
15:27 – 15:33	Smart Polymer Processing Plant (S-P3) - Open Collaborative Intelligent Platform The next-generation intelligent injection molding with real-time material and quality monitoring using breakthrough sensors, award-winning control algorithms for superior precision, and a dedicated big-data system for intelligent collaboration
15:33 – 15:39	All-Round High-Ventilation Noise Shield Ventilation tunnel that effectively blocks highway traffic noise in all directions within the frequency range of 300-2000Hz, formed by a new generation of ventilation silencers
15:39 – 15:45	ThermoSpectra Limited A solar control film for glass window, that blocks heat and UV while maintaining high visibility and RF/Wifi Transmission
15:45 – 15:51	Waste Heat Harvesting by Phase Transformation Energy conversion from heat to electricity by phase transforming ferroelectrics
15:51 – 15:57	Revolutionizing Energy Storage: Tube transport-Inspired All-solid-state electrolytes for Li-based Batteries Composite all-solid-state electrolytes selectively transport Li ⁺ rapidly and reliably. This technology can enable smaller and lighter Li-based rechargeable batteries
15:57 – 16:03	PointFit Technology Limited Skin patch sweat sensor for non-invasive & continuous health monitoring
16:03 – 16:09	Coalot Tech Limited A durable anti-reflection super-wetting self-cleaning nanocoating for PV panels integrated with in-house made photocatalytic porous core-shell nanoparticles and polymer binder
16:09 – 16:15	Acoustic Metamaterials Group Limited (AMG) Implementing acoustic metamaterials technology to enhance the absorption of noise and solve the acoustic problem, using recycled plastic
16:15 – 16:21	Meat the Next Company Limited Alternative protein solutions and new generation food to combat climate change
16:21 – 16:27	Hyele Limited Cutting-edge Technology for Smart Pipeline Systems
16:27 – 16:33	Fill Easy Limited Digital identity integration and cross border data solution
16:33 – 16:39	Zonic Tech Limited AI Video Editor: Auto edit, enrich, and fine-tune videos with storyline-based arrangement



TRACK ▶ BIOMEDICAL AND HEALTHCARE (BMH)

Time	Pitching Session
14:15 – 14:21	Plasmotact Therapeutics Ltd. Development of novel drugs targeting causal factor soluble ST2 for Alzheimer's disease
14:21 – 14:27	One Healing Innovative smart dressings utilizing nanostructures and microcurrents to accelerate wound healing
14:27 – 14:33	In situ cell purification MicroRNA-responsive synthetic mRNA guides synthetic peptide to aggregate on and kill off wrongly differentiated cells and undifferentiated cells, provides an efficient and affordable method to secure pure cell source for all kinds of clinical applications
14:33 – 14:39	ADVENT Developing tissue/cell specific AAV capsids by AI- and data-driven approaches
14:39 – 14:45	A fast low-dose CT reconstruction toolkit A fast low-dose few-view X-ray-driven CT reconstruction toolkit for preoperative 3D printing and intraoperative clinical applications
14:45 – 14:51	Development of Anti-Angiogenic Eyedrop for Eye Disease Therapeutic identification of resveratrol, polydatin and/or its analogues as an eyedrop treatment against age-related macular degeneration (AMD) by inhibiting VEGF-mediated angiogenesis
14:51 – 14:57	Allegrow Biotech Ltd. An artificial cell-based system for ex vivo live cell growth and manipulation in cell therapy
14:57 – 15:03	Incus Making high-performance hearing aids accessible
15:03 – 15:09	Eleuto AI-powered, customizable communication software for individuals with speech and language impairments
15:09 – 15:15	Editact Therapeutics Ltd. CRISPR genome editing-based strategy to treat Familial Alzheimer's Disease and permanently rescue disease pathologies
15:15 – 15:21	PanopticAI Limited Take control of your health simply with a smile
15:21 – 15:27	Orange Biotech Limited CRISPR-based DetectChip for convenient and sensitive at-home nucleic acid testing with PCR performance
15:27 – 15:33	Girls & Gene Biotech Limited At-home, body-wear smart tape, AI-assisted diagnosis of chronic infectious diseases
15:33 – 15:39	Biorocks Advanced microfluidic technology to increase assisted reproduction
15:39 – 15:45	PhoMedics Limited CHAMP Microscope revolutionizes cancer surgery with fast and accurate on-the-spot histological imaging
15:45 – 15:51	Centenix Development of novel treatment to target Leigh Syndrome and other mitochondrial-related diseases by upregulating CPEB4 protein
15:51 – 15:57	HairCoSys Limited World-first macro and micro AI hair and scalp analysis platform providing quantitative reports on hair health and recommending personalized solutions
15:57 – 16:03	Secretion-Management Targeted Skin Cancer Treatment Synthetic mRNA inhibitors to reduce sonic hedgehog secretion as novel therapeutic strategies for skin cancer treatment
16:03 – 16:09	Pleryon Therapeutics Advanced polymer-based therapeutics for chronic diseases
16:09 – 16:15	EnKang Pharmaceuticals (Guangzhou), Ltd. Highly efficacious first-in-class broad-spectrum anti-cancer drug candidates
16:15 – 16:21	Novotiss Technology Limited Simply close and protect a wound with glue

