



Programme collaborator



Meet our STARS Demo Day

Cohort on Smart Energy and Eco-home Wednesday, 23 January 2019



About STARS Programme



Synergies:

Accelerate the development of startups and enhance the competiveness of Hong Kong industries



Training:

Tailored mentorship programme developed and delivered by industry experts



Angels: Opportunities to meet angel investors from valuable network



Resources: Dedicated one-stop platform providing technologies and services



Support:

Build your business through expansion plans and go-to-market opportunities

Cohort on Smart Energy and Eco-home

Riding on the success of the last cohort on "Internet of Things", HKSC joined hands with CLP Power Hong Kong Limited and launched the "Smart Energy and Eco-home" cohort in 2018/19. Twelve selected startups are equipped to showcase and pitch their innovation products to angel investors and venture capitalists today.

This year, CLP Power Hong Kong Limited (CLP) is our Programme Collaborator.

This cohort of STARS Programme was launched in August 2018 with 12 selected startups hailed from Hong Kong, Singapore, Sweden and the US. Leveraging on the mentorship from FHKI and CLP, some of the startups have already launched their products in the market for pilot or trial scheme.



About Hong Kong Startup Council

Founded in 2016 under the Federation of Hong Kong Industries (FHKI), Hong Kong Startup Council (HKSC) aims to serve as a platform to connect Hong Kong startups, industrialists, entrepreneurs and investors to enhance synergies between traditional and new economies.

Objectives

- to create a platform where FHKI provides support to nurture Hong Kong startups;
- to facilitate and foster collaborations between startups and FHKI members;
- through pursuing the above endeavours to reinventing Hong Kong Industries.





About FHKI

The Federation of Hong Kong Industries (FHKI) was established under the Federation of Hong Kong Industries Ordinance (Cap 321 of the Laws of Hong Kong) in 1960. The objectives of the FHKI are:

- to promote and foster the interests of Hong Kong's industrial and business communities;
- to promote trade, investment, technological advancement, manpower development, and business opportunities in Hong Kong;
- to represent business's views and advise the government on policies and legislation which affect business



About CLP



CLP Power Hong Kong Limited (CLP Power) operates a vertically integrated power supply business in Hong Kong, covering electricity generation, transmission and distribution, and marketing and customer services. It supplies highly reliable electricity 6 million people in its supply area including Kowloon, New Territories and most of the outlying islands.

To offer better services tailored to customers' needs and in the ongoing digital transformation of our business, we will continue to focus on the development of new smart service platforms for households and businesses, as well as technologies such as robotics solution, digitalisation, and data analytics to enhance our operational performance, and contribute to a greener and smarter Hong Kong.







ASA Innovation & Technology Limited @HK Air Purification Lighting



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air & science

www.a-sa.net

Innovation & Technology Limited has designed a patented air-purifying technology that combines art and technology for indoor lighting system. The air-purifying indoor luminaire comes with embedded LEDs that last up to 50,000 hours, and by using catalytic chemical reactions, the device decomposes air contaminants into harmless substances rather than adhering pollutants to the Iters.



Ambi Labs Limited @HK Al Smart Air-conditioner Controller





www.ambiclimate.com

Ambi Labs Limited has developed the world's first AI-enabled smart air conditioner controller, which learns from your feedback and auto-adjusts comfort for you. Ambi Climate sensors and live data will help create a personalised Comfort Profile to optimally adjust your environment based on machine learning, maximising how you feel while saving up to 30% on energy at the same time.



Achiever Big Data Limited @HK Location Analytics Technology





Achiever Big Data Limited has developed an indoor positioning algorithm for humans and assets by detecting signals emitted from mobile devices to provide location analytics with improved accuracy and scalability.

www.achieverbigdata.com



Aurabeat Technology Limited @HK Acoustic-aided Air Filter





www.aurabeat.com.hk

Aurabeat Technology Limited has developed an air filtration technology -Acoustic Air Filtration which cleans air with sound energy. This technology greatly enhances air filter performance while reduces the energy consumption of the filtration process at the same time. Acoustic Air Filtration can be integrated with existing air filter technologies. Existing air filter manufacturers would be Aurabeat's collaborators/technology licensees rather than competitors.



Demaryo Labs Limited @HK Smart Home Control Devices





Demaryo Labs Limited focuses on developing consumer services of smart home control and data collection through blockchain technologies. It contains a single smart home app that works with 80,000 different devices and appliances.

myhomi.io/index.html



enVerid Systems, Inc. @US Air Quality Energy Saving Technology





www.enverid.com

enVerid Systems, Inc. is committed to improving energy efficiency and indoor air quality (IAQ) in buildings worldwide through its innovative HVAC Load Reduction[®] (HLR[®]) solutions. The HLR[®] system utilises a combination of novel, efficient adsorbents to capture molecular contaminants and clean the air within. The result is the development of leading products that significantly lower upfront HVAC system costs and reduce annual energy consumption by 20-30%.



FMTP Power @SE Smart Grid / Mircogrid Portable Multimeter for Power Control

GRIDEX • fmtp

Digitalization of the Power Grid is mandatory to address actual and future needs





www.fmtppower.com

FMTP Power designs products and solutions for the power industry and smart grid digital networks. GridEx[®] is a cyber secure tool with built-in intelligence, 100% safe to be connected on "live" digital networks. It captures the information from the network on its own without disturbing the power grid. It analyses and filters from the huge amount of data, significant, understandable and relevant status to the field engineer, for him to detect errors, solve alarms and assess the situation and eliminate and mitigate the risk of blackout.



GreenSafety Technology Limited @HK Driving Safety Alert System





GreenSafety Technology Limited collects and analyses driving behavioral data on their self-developed platform among the driving safety alert system. Coupled with the safety alert sensor, the live sound alert will be given when drivers exhibit dangerous behaviors. The surveillance system features up to the advantages of real-time view, instant back-pass and applicable to a wide range of vehicles, such as 35-ton tractors, dangerous goods vehicles and so on. It also contains face recognition as fatigue driving system and on-board diagnostics dongle. Those solutions can be tailor-made for various fleets.



LumenCache @US Smart Home Lighting and Power Control





The LumenCache platform replaces traditional 110V AC power distribution in buildings with the new DC power standard more appropriate to the low power needs and digital capabilities of electronic devices including LED lights.

www.lumencache.lighting

LumenCache spares us the high expenses on bulky high-voltage AC-DC conversion circuitry, as it connects lighting technologies together using modern structured wiring, and adds reliable Internet of Things control features such as local energy storage, rooftop sources and automatic data sensors.



oneCHARGE Solutions Limited @HK Electric Vehicle Charging Station with Fast-charging Station



oneCHARGE

oneCHARGE Solution Limited has consisting few connected-smart products with fast charging station hardware, solutions and app. It acts as a centralized hub for charging station searching, controlling, monitoring, usage statistic analyzing over one hardware products into a single user interface.

www.onechar.ge



Tronico Technology Company Limited @HK Smart Home Products: Controller, Gateway, Lighting Control, Security, Sensor





www.tronico.com.hk

Tronico Technology Company Limited on home automation products & system research, development, production and sales. The company launched KUJU smart home system which can implement with 100% retrofit. KUJU works with a range of peripheral products to achieve intelligent home control, data acquisition, environmental control, energy management, scene control, time scheduling, voice command & home automation. It also interoperate with smart door lock, video door phone, VRV air-con, facility booking system to form a smart building solution which provide different applications including but not limited to residential, serviced apartment, hotel, office, elderly center & school.



Xandar radar @ South Korea People Sensor with Detection via Heartbeat



Xander's patented technology Impulse Radio Ultra Wide Band (IR-UWB) radar can monitor occupancy (presence) by detecting breathing patterns of person(s) or heartbeats (Level 3).



www.xandarkardian.com

People Sensor with Detection via Heartbeat

• The company's patented technology Impulse Radio Ultra Wide Band (IR-UWB) radar can monitor occupancy (presence) by detecting breathing patterns of persons or heartbeats

Radar Based Smart Building / Security Solutions

- 0.001% Miss Detection / False Alarm rate
- Presence detection via vital sign detection.
- People Counting System with Radar (3X more area than camera) Object Detection as small as 0.01mm

Radar Based Non-contact Health Monitoring

- Resting Heart Rate / Breathing Rate
- Open-space fall detection (no wearable required)
- Sleep Apnea (AHI) monitoring
- Home PERS (Personal Emergency Response System)

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Hong Kong Startup Council Chairman

Dr Jack Yeung

Chief Executive Officer Ace Corporation Holdings Ltd

Deputy Chairman Federation of Hong Kong Industries

Group 14 Chairman Hong Kong Mould & Die Council, FHKI

Dr Jack Yeung is the Chairman of Ace Corporation Holdings Ltd and the Founder of OIC Concept Ltd. He is also the Chairman of FHKI's Group 14 (Hong Kong Mould & Die Council) and FHKI's Hong Kong Startup Council. He serves as the Chairman of the Innovation and Technology Venture Fund Advisory Committee under the Innovation and Technology Commission, and Member of the Innovation and Technology Fund Research Projects Assessment Panel, the Hong Kong Trade Development Council Innovation and Technology Advisory Committee, the Qualifications Framework Industry Training Advisory Committee -Manufacturing Technology (Tooling, Metals & Plastics) and Advisor of Hengqin FTZ (Hong Kong) Representative Office. Dr Yeung is also a Venture Partner of OurCrowd, an equity crowdfunding platform based in Israel, Board and Advisor of Social Ventures Hong Kong and Honorary Advisor of Christian Action Hong Kong.



Hong Kong Startup Council Vice Chairman

Mr Jason Chiu

Chief Executive Officer Cherrypicks

Group 30 Chairman Innovation and Creative Industries Council, FHKI

Mr Jason Chiu is the founder and CEO of Cherrypicks, a leader in mobile innovation, specializing in making cities smarter and growing the eLearning community. Mr Chiu is the Chairman of Group 30 "Creative Industries" and Vice Chairman of the Hong Kong Startup Council of FHKI. He is the Director of the Hong Kong Crowdfunding Professional Association, the Advisor of Crowdfund Capital Advisors, a member of Innovation and Technology Fund – Small Entrepreneur Research Assistance Programme Project Assessment Panel, a Council member of the Hong Kong Trade Development Council, a Board member of the Junior Achievement Hong Kong, the Vetting Committee of the Pilot Information Technology Development Matching Fund Scheme for Travel Agents, Travel Industry Council of Hong Kong, as well as the Convenor of the SME & Young Generation • Working Group of the HKTDC Belt and Road Committee.



The Lead of Smart City and Eco-home Cohort

Prof Daniel M Cheng

Managing Director Dunwell Enviro-Tech (Holdings) Limited

Honorary President of Federation of Hong Kong Industries

Ir Prof Daniel M Cheng is the Managing Director of Dunwell Technology (Holdings) Limited, Honorary President of FHKI, President of the Hong Kong Environmental Industries Association, Board member of Business Environment Council and Deputy Chairman of Hong Kong Green Strategy Alliance. Prof Cheng is also a Fellow of Hong Kong Institute of Engineers and the Registered Professional Engineer.

Prof Cheng also serves as a Member of the Chief Executive's Council of Advisers on Innovation and Strategic Development, the Advisory Committee on Water Resources and Quality of Water Supplies, the Committee on Innovation, Technology and Re-industrialisation, the Advisory Committee on Recycling Fund, the Steering Committee on the Promotion of Electric Vehicles, and the HKX Advisory Committee.

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Business Advisor and Mentor

Mr Johnny Chan

President of APEF Organizing Committee HK Venture Capital & Private Equity Association (HKVCA)

Mr Johnny Chan, co-founded Techpacific Capital Limited, which became Crosby Capital Limited in 2002. He is the President of the HKVCA (Chairman 2007 - 2011) and concurrently, as the Secretary General of the Asia Venture Capital and Private Equity Council (AVCPEC). He was a member of the Advisory Committee on Innovation of Technology of HKSAR Government from 2015 - 2017. He is a member of the HKTDC Innovation and Technology Advisory Committee from 2014 - 2018 and HKTDC Service Promotion Programme Committee (SPPC) since 2015. He was appointed as a member of the Cyberport Advisory Panel in June 2017. He is the Director of Repton School and a Director of the Make A Difference Institute.





Mr Andy Ann

Founder & CEO NDN Group (HK) Limited

Mr Andy Ann is the founder and CEO of NDN GROUP, a digital media and consulting firm established in 2002. He has guided NDN to become an expanding and profitable enterprise with a diversified group of global clients. In 2008, he founded Hot Mob, which is now one of the leading mobile advertising companies with over 4 billion mobile impressions served. In the same year, he was awarded as Young Entrepreneur Winner of DHL and SCMP Hong Kong Business Award. In 2012, he founded Klarity Analytics, a Big Data analytic platform monitoring over 55,000 brands worldwide. In 2013, he was awarded as Young Entrepreneur Winner of Piaget.





Mr Austin R. Bryan

Senior Director – Innovation CLP Power Hong Kong Limited

Mr Austin R. Bryan joined CLP Holdings in May 2016 as Senior Director – Innovation, leading the company's innovation strategy in the face of challenges presented by digital disruption. He is also a Director of various subsidiary companies of the CLP Group. Austin has been a pioneer of new services and value creation in the digital media sector for the past 10 years and is a globally recognised leader in transforming business activities in the financial and telecommunications sectors.

His experience spans across the creation of the first direct banking activities in Germany in the early 1990s to the introduction of virtual customer service platforms for American Express and creation of the first 3G multimedia mobile network in Australia with "3 Mobile". Most recently he was the Vice President of Strategic Innovation at Singtel Optus, in which he led the acquisition of major digital media projects and •created a US\$1 billion digital media business developing and •implementing new digital products and services.



Ir Cary Chan

Executive Director Hong Kong Green Building Council

Ir Cary Chan is a professional engineer and is currently the Executive Director of Hong Kong Green Building Council. Over the years, he has carried out a lot of researches and energy-saving initiatives with substantial improvements in energy performance of buildings. Some of his works have won international awards, which includes Client of the Year - Low Carbon Operation Award by the Chartered Institution of Building Services Engineers in 2010. Ir Chan is also active in serving the professional and business communities with his expertise.





Mr Alan Cheung

Founder & Managing Director Grandion Industrial Limited

Group 31 Chairman Design, FHKI

Alan founded Grandion Industrial Limited (a member of Grandion Group) in 1996, an apparels supply chain and O2O solution provider with production facilities located in China and Hong Kong.

Being an awardee of the Young Industrialists Awards of Hong Kong in 2011, Mr Cheung has been serving as members of different committees of HKSAR Government and NGO. He also actively supports the creative designers and startups to develop their branding businesses by serving as their mentor and to collaborate with the social entrepreneurs to improve and solve the societal issues through social innovations.





Ms Joanne Chow

Director Aussco Hong Kong Limited

Group 12 Chairman Knit garments and other knit made-up goods, FHKI

Ms Joanne Chow is the Director of Aussco Hong Kong Limited, a textile manufacturing company her grandfather founded nearly 60 years ago. Since she joined Aussco in 2006, she has been particularly keen on supporting fashion brands to grow their collection. In 2012, she founded A Matter of Design and introduced Denmark's retail furniture chain BoConcept and a British lighting and furniture brand Tom Dixon Studio to the Hong Kong market. Her contributions have led the company to expand and diversify its business scope to span across textile, fashion, homeware and lifestyle sectors. Most recently in 2018, Joanne founded azalvo, an ideas lab where businesses are fast tracked to develop their business in a collaborative manner. She graduated from Syracuse University in the United States with a degree in Public Relations and Policy Studies.



Ms Martha Hao

Business Consultant / Advisor Wise Ally Holdings Limited

Ms Martha Hao has comprehensive experiences in General Management, Strategic Planning, International Business Development, Program Management and R&D. She held a number of senior management roles at Defond Group and possesses wide experiences in working with both startups and MNCs. She is currently the Vice Chairman of Hong Kong Medical and Healthcare Devices Industries Association (HKMHDIA), Council Member of Internet of Things Alliances (IoTA) and Advisory Committee Member of Hong Kong Polytechnic University -Interdisciplinary Division of Biomedical Engineering.





Mr Jaff Lau

Director - Innovative Business & Growth The Hongkong and Shanghai Banking Corporation Limited

Joined The Hongkong and Shanghai Banking Corporation Limited in 2002, Jaff has more than 15 years of commercial banking experience in various areas including strategy implementation, product development, cross-border collaboration and client coverage. Currently Director of Innovative Business & Growth, his team drives Commercial Banking's proactive engagement with the technology ecosystem builders, with an ultimate goal to help aspiring entrepreneurs and startups to realise their hopes and dreams by offering them the most suitable banking solutions.





Ms Lena Low

Senior Director – Customer & Business Development CLP Power Hong Kong Limited

Ms Lena Low is the Senior Director - Customer & Business Development of CLP Power. She has over 19 years of hands-on experience in leading large-scale operations and customer service centres across various industries including IT, banking and telecommunications. Before joining CLP, Ms Low was the Managing Director - Regional Head, Customer Centre in Development Bank of Singapore (DBS). She assumed her current position in March 2018.





Mr Mingles Tsoi CXO ParticleX

Mr Mingles Tsoi is the CXO of ParticleX, a HK tech investor and accelerator which focuses on connecting resources of business, capital and manpower talents between HK and China (Shenzhen) for HK startups. He Specialises in fostering and developing strategic alignment and innovative collaboration. Previously he was the Director of Startup & Innovation Services for KPMG China (2015-2017) and Project Director of CUHK Center for Entrepreneurship (2007-2015).



Nest



Mr Pagna Ukthaun Programme Manager

Mr Pagna Ukthaun possesses nearly 10 years of combined experience with extensive knowledge in international trade, design thinking and innovation, logistics and entrepreneurship. Prior to his role at Nest as Programme Manager, Mr Pagna led a social enterprise, WaterSHED Ventures, to manage I.T. product innovation and commercialisation in water and sanitation. He holds a Bachelor's degree in Business Administration from the National University of Management in Cambodia and a Master's degree in Business Innovation and Creative Entrepreneurship from the London Metropolitan University in England.





Mr Dennis Wong

Co-Founder & Director Master Concept (Hong Kong) Limited

Mr Dennis Wong has accumulated over two decades of professional experience in I.T. enterprises management. He has extensive knowledge in public keys infrastructure, I.T. security defence system and mobile technology security. He is currently the organiser of Hong Kong Google Developer Group (HKGDG), and an active member of both The Hong Kong Computer Society (HKCS) and Hong Kong Information Technology Joint Council (ITJC).





Mr. Kenneth Wong

Executive Director and the Managing Director Top Form International Limited

Mr. Kenneth Wong, aged 44, has been an Executive Director and the Managing Director of Top Form International Limited since 1 March 2011 and 22 May 2015 respectively. Top Form is an intimate apparel manufacturing company with operations around Asia and global supply chain capabilities. Kenneth joined the Group in 1997 and is responsible for the Group's business development and marketing functions. He is currently the Honorary Chairman of Hong Kong Intimate Apparel Industries' Association since 1 December 2016. He is also a panel member of the Textile and Clothing Research Projects Assessment under Innovation and Technology Fund for a period of two years starting from 1 January 2017 to 31 December 2018 and the Vice Chairman of Multi-Textiles and Fashion Accessories Council for Federation of Hong Kong Industries for a period of two years from 2017 to 2019. He holds a Bachelor degree in Marketing and Operations Management from School •of Management, Boston University in the United States of America and a Master degree in International Business from Asian Institute of Technology in Thailand. He has been awarded the Young Industrialist Awards of Hong Kong 2015 by the Federation of Hong Kong Industries.



Mr Ben Yeung

Executive Director and Chief Operating Officer Fujikon Industrial Holdings Limited

Mr Ben Yeung is an Executive Director and Chief Operating Officer of Fujikon Industrial Holdings Limited. He is responsible for the execution and strategy formulation of the Group. He holds a Master of Business Administration degree from Yale University in the United States of America.





Ms Karmen Yeung

Partner, China Tax KPMG

General Committee Member Federation of Hong Kong Industries

Ms Karmen Yeung has extensive experience in providing various PRC corporate and individual tax advisory to foreign investment enterprises in the PRC. She has advised Hong Kong - based companies and multinational corporations in their investment structure in China and establishing tax efficient supply chain models. In particular, she advises companies in the form of investment, corporate restructuring, design of tax efficient supply chain models from sourcing and manufacturing to distribution and retailing in China from the corporate income tax, transfer pricing, value - added tax and customs duty perspectives.





Mr Simon Yeung

Senior Advisor to Chairman Comba Telecom Systems Holdings Limited

Mr Simon Yeung has served as the Executive Director of the Board and had been the President of Comba Telecom Limited since 2004. Since joining the company, Comba has transformed from a China domestic player to one of the top Wireless Telecom players globally. A serial entrepreneur, Mr Yeung was one of the original founding teams and VP of Strategy and Business Development of LGC Wireless Inc, a successful Silicon Valley startup with a successful exit. He is a leader who possesses well-rounded experience with strategic and hands-on experience from startup to leading a multinational public company with truly global experience and mindset.





Mr Steve Yeung

Co-Founder InnoSphere Limited

The President of Industrial Designers Society of Hong Kong (2015-2017, 2017-2019), and the Co-Founder of InnoSphere Limited, Mr Steve Yeung has specialised in product innovation, strategy, OEM-OBM transformation of HK enterprises for 20 years. He has a Master Degree in Automotive Design from the Coventry University, U.K. and a First Degree in Industrial Designfrom the Hong Kong Polytechnic University. He has won over 10 design awards in his career.





Dr Daniel Yip

Managing Director G.E.W. International Corporation Limited

Deputy Chairman PRD Council, FHKI

Group 4 Chairman Electrical products, FHKI

Dr Daniel Yip is the Managing Director of the G.E.W. International Corporation Limited. G.E.W. is as electrical appliances manufacturer with both OEM and ODM business. Dr Yip has over 30 years of experience in the electrical appliances manufacturing industry and holds an Engineering Doctorate Degree from the University of Warwick.





For enquiries or further information, please contact:

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15/F Infotech Centre, 21 Hung To Road, Kwun Tong

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