Press Release
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Top Three Teams of 2026 "Maker in China" Hong Kong Chapter Announced

Record-High 170 Entries Featuring 282 Patents; Top 10 Showcase Strong Focus on Translating Research into Commercial Outcomes

Advancing the Integration of Hong Kong Innovation and Technology into National Development

Hong Kong, 22 October 2026 – The 2026 Maker in China SME Innovation and Entrepreneurship Global Contest - Hong Kong Chapter (MiCHK) Final was successfully held today at Cyberport. This year's contest received a record-high 170 entries featuring 282 patents, fully demonstrating the vibrant innovation and entrepreneurial spirit of Hong Kong's innovation and technology (I&T) teams and SMEs, as well as their remarkable achievements in research commercialisation and industrial development.

After fierce competition, DiamNex Limited clinched the championship, while NeuroHarbor Limited and Sharpsight Limited were awarded the first and second runners-up respectively. The three winning teams earned high recognition from the judging panel and will represent the HKSAR in the Global Final of "Maker in China", to be held in Huangpu District, Guangzhou from 23 to 25 November. There, they will compete with top innovation and technology projects from around the world. In addition, the three teams will receive an interview opportunity for City University of Hong Kong's HK$100,000 "HKTech 300 Seed Fund" programme, subject to meeting the relevant requirements of the programme.

In addition, the top 10 teams will receive National Innovation Competition honours and Innovation and Technology Park policy support, investor and entrepreneur matchmaking meetings, advancement to the semi-finals of the Qianhai Innovation Competition, free participation in multiple exhibitions, and interview opportunities for the Cyberport Incubation Programme (CIP), as well as three months' complimentary access to Cyberport Smart-Space. These support measures will help accelerate the commercialisation of research outcomes and facilitate the teams' expansion into the Mainland and international markets.

DiamNex Limited has developed a flexible ultra-thin diamond wafer that serves as a core strategic material for fourth-generation semiconductors. With thermal and electrical properties surpassing those of silicon and silicon carbide, the material has strong potential for use as a key substrate in high-end chips. Already subject to export controls in several countries, it is also featured in China's key development plans under the "15th Five-Year Plan". Building on The University of Hong Kong's frontier research, the team has

established an industry-academia-research collaboration spanning Hong Kong and Shenzhen. It has independently developed an edge-exposed exfoliation technology and established a pilot production line and collaborative innovation centre in Qianhai, Shenzhen. Combining chemical vapour deposition with a purely physical exfoliation process, the team can mass-produce ultra-thin, ultra-flat flexible diamond wafers. With a surface roughness of less than 1 nm, the wafers can fit directly into existing semiconductor production lines. Also, the film is as thin as 400 nm, with thermal conductivity of 1300 W/m·K. The technology reduces production costs by approximately 99% compared with conventional methods, while retaining the wafers' flexibility and bendability.

NeuroHarbor Limited is developing an AI-powered platform for brain health diagnosis and treatment, guided by its mission "to let brain diseases be managed like chronic diseases". The platform addresses key challenges in electroencephalogram (EEG), including lengthy interpretation time, a shortage of medical professionals, and limited continuous patients monitoring. Its core product is AI-powered EEG analysis software that uses deep learning algorithms to automatically detect epileptiform discharges, perform sleep staging, calculate the spike-wave index and populate quantitative report fields, significantly improving the efficiency and consistency of EEG analysis. The software has been deployed in a real-world clinical setting at the epilepsy centre of a tertiary hospital, reducing turnaround time for results from several hours to less than 30 minutes. Designed for on-premises deployment, the system ensures that raw data remains within the hospital. Clinicians retain responsibility for reviewing and documenting diagnostic conclusions, while the software integrates into existing hospital workflows in a manner designed to meet applicable compliance requirements.

Sharpsight Limited is transforming neurorehabilitation through artificial intelligence. Its AI-powered embodied neurorehabilitation platform serves stroke patients and other people with neurological impairments. Built around Computational Embodied Therapy (CET), the platform integrates action observation, motor imagery, multimodal sensing and personalised training into a continuous rehabilitation loop to support patients' motor function recovery. Its core in-hospital product, "*masquer*®", delivers brain-science-driven limb training. Complementing this, its smart home rehabilitation platform combines intelligent sensing, AI-powered personalised rehabilitation prescriptions and services provided by rehabilitation specialists. Together, these solutions extend professional rehabilitation services beyond hospitals and support continuous training at home.

This year marks the eighth edition of MiCHK in Hong Kong. Focusing on the development of new quality productive forces, a national priority, the contest continues to connect Hong Kong I&T enterprises and start-ups with Mainland markets and industry resources. Over the years, representative teams from the Hong Kong Chapter have won the "Maker in China" Global Championship three times, establishing MiCHK as a key platform for Hong Kong I&T teams to expand into the national market and connect with the global stage.

This year's contest attracted start-up teams from a wide range of I&T fields in Hong Kong, with 39 entries from the Cyberport community, two of which advanced to the top 10. The top 10 projects span artificial intelligence and big data, semiconductors, new materials, biomedicine and smart living. Many have progressed towards the commercialisation stage, with applications across industrial, healthcare and daily-life settings. These achievements demonstrate Hong Kong's strengths in frontier technology R&D, research commercialisation and industrial application. By connecting with industry partners, investment capital and market resources, the contest further accelerates the commercialisation of innovation and supports Hong Kong I&T enterprises in actively integrating into the broader national development landscape.

Liang Zhifeng, Director General of the SME Bureau, Ministry of Industry and Information Technology of the People's Republic of China, said, "Innovation is a key driver of economic growth and industrial transformation, while SMEs play an important role in technological innovation and the development of new quality productive forces. Over the years, the 'Maker in China' international contest has continued to bring together global innovation resources and facilitate the integration of innovation outcomes with Mainland industries, ecosystems and markets. The record-high number of entries in this year's Hong Kong Chapter fully demonstrates the innovative vitality of Hong Kong's I&T sector. We hope all participating teams will make the most of this platform to strengthen collaboration with industry partners, industrial parks and investment institutions, speed up the commercialisation and application of technological innovations, and inject fresh impetus into high-quality development."

Cheung Yee-wai, Acting Commissioner for Digital Policy of the Digital Policy Office, HKSAR Government, said, "The 'Maker in China' Hong Kong Chapter provides an important platform for local start-ups and SMEs to showcase their I&T achievements and explore opportunities in the Mainland market. It enables Mainland investors and enterprises to gain a better understanding of Hong Kong's high-quality innovation and technology achievements and supports local companies in expanding into the Mainland market." He noted that, in recent years, a number of finalist teams have successfully established business connections with enterprises. Some have secured cooperation agreements with Mainland governments, while others have received support from investment funds. These achievements have accelerated the commercialisation of technological achievements, enhanced brand influence, and supported further expansion into the Mainland and overseas markets.

Hu Xiaohua, Secretary of the Party Committee, China Centre for Promotion of SME Development, Ministry of Industry and Information Technology, said, "Over the years, the 'Maker in China' international contest has continued to build a cross-boundary platform for innovation and entrepreneurship exchange, connecting high quality I&T outcomes with Mainland markets, industrial ecosystems and capital resources. As an important part of the international contest, the Hong Kong Chapter continues to create development

opportunities for Hong Kong's I&T talents and enterprises. This year's contest attracted a total of 170 local I&T projects, demonstrating the vibrancy of Hong Kong's I&T ecosystem. We will continue to support outstanding teams through investment and financing connections, commercialisation and incubation support, and industry resource matching, enabling more Hong Kong innovation achievements to integrate into the broader national development landscape. "

Huang Fuwei, Deputy Director General of Guangzhou Municipal Industry and Information Technology Bureau and Director General of Guangzhou Municipal Private Economy and SME Bureau, said, "Hong Kong is a world-class I&T hub and professional services centre, while Guangzhou is a major industrial manufacturing base in the Greater Bay Area (GBA). The two cities' complementary innovation resources are fostering a collaborative development model characterised by 'source innovation in Hong Kong, commercialisation and industrialisation in Guangzhou, and clustering and empowerment across the GBA'. Guangzhou will continue to leverage its strong industrial foundation, diverse application scenarios and well-established innovation ecosystem to support Hong Kong's I&T enterprises and start-up teams in connecting with industry resources and expanding market opportunities. We will also facilitate the commercialisation and industrial application of more research outcomes across the GBA, jointly injecting fresh impetus into the development of new quality productive forces. "

Dr Rocky Cheng, CEO of Cyberport, said, "The top 10 projects in this year's MiCHK span artificial intelligence, semiconductors, new materials, biomedicine and health, showcasing Hong Kong's innovation capabilities. The contest is not only about identifying outstanding projects, but also about fostering collaboration and bringing innovation outcomes to market. This reflects its commitment to 'authoritative empowerment, resource matching and application-oriented development'. As Hong Kong's digital technology flagship and AI accelerator, Cyberport will continue to serve as a 'super-connector' and 'super-value-adder'. Leveraging the GBA as a key strategic gateway, we will help participating teams connect with Mainland industries, investors and application scenarios, while supporting their expansion into Mainland and overseas markets. We will also collaborate with stakeholders across different sectors to advance Hong Kong's I&T development and contribute to the nation's high-quality development."

Yuan Dieying, Deputy Director of the Huangpu District Industry and Information Technology Bureau, Guangzhou, said, "Hong Kong possesses world-class research capabilities and international innovation resources, while Huangpu District has a well-developed industrial system, diverse application scenarios and strong capabilities in commercialising research outcomes. The two sides complement each other in technological innovation and industrial development. Huangpu will continue to promote the vision of 'innovation in Hong Kong, commercialisation in Huangpu, connecting with the nation and reaching out to the world'. Leveraging its innovation and entrepreneurship platforms, industrial clusters and supporting policies, Huangpu will support Hong Kong I&T

enterprises and young entrepreneurial teams in establishing operations and pursuing business development in Huangpu. We will facilitate the commercialisation and industrialisation of more high-quality projects in the GBA, sharing the development opportunities presented by the Bay Area. ”

The 2026 MiCHK is jointly organised by the Digital Policy Office of the HKSAR Government, the China Centre for Promotion of SME Development of the Ministry of Industry and Information Technology of the People’s Republic of China, and the China International Cooperation Association of SMEs. Cyberport and the Angel Investment Foundation serve as co-organisers.

“Maker in China” is one of the national-level innovation and entrepreneurship contests organised by the Ministry of Industry and Information Technology. Since its inaugural edition in 2018, “Maker in China” – Hong Kong Chapter has been dedicated to facilitating deep integration between international innovative technologies and Mainland enterprises, industrial parks and government policies, promoting collaborative industrial innovation, transformation and upgrading. It also provides Hong Kong’s I&T talents and start-ups a platform to showcase their capabilities and explore collaboration opportunities. As co-organiser, Cyberport will continue to provide comprehensive entrepreneurial support, helping more promising tech start-ups scale their businesses and strengthening connections between Hong Kong, the GBA and the global I&T ecosystem. Over the years, many outstanding projects from past editions have leveraged the contest to connect with Mainland enterprises, investment institutions and industrial parks, establishing business partnership in the GBA and other Mainland cities. These achievements underscore the contest's role as a vital bridge for Hong Kong I&T companies’ expansion into the Mainland market.

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Cheung Yee-wai, Acting Commissioner for Digital Policy of the Digital Policy Office, HKSAR Government, said, "The 'Maker in China' Hong Kong Chapter provides an important platform for local start-ups and SMEs to showcase their I&T achievements and explore opportunities in the Mainland market. It enables Mainland investors and enterprises to gain a better understanding of Hong Kong's high-quality innovation and technology achievements and supports local companies in expanding into the Mainland

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Champion, DiamNex Limited (top), the first and second runners-up, NeuroHarbor Limited (bottom left) and Sharpsight Limited (bottom right).

Appendix: Top Ten Finalists of the 2026 "Maker in China" SME Innovation and Entrepreneurship Global Contest – Hong Kong Chapter

Company	Area	Introduction of Innovative Solution
McLantis Co., Limited	Semiconductors and Integrated Circuits	McLantis specializes in the R&D and application of laser lithography technology and digital image transfer technology, as well as the research, application and technology transfer of laser lithography. McLantis Optoelectronics holds a host of core technologies including digital micromirror flip processing system technology, high-precision lens technology, precision motion control systems, and laser MEMS micro-packaging technology, and has obtained numerous patents and software copyrights. For years, McLantis has provided technical support to global customers across electronics, chips,

		wafers, semiconductors, anti-counterfeiting printing and various manufacturing industries.
Canpanion Group Limited (Cyberport Community Member)	Smart Living and Smart Mobility	Canpanion is Asia's leading AI-powered education and mental health platform. Canpanion's founding team brings together experts from Tsinghua University, Cornell University, doctoral students in education at EduHK, and AI and hardware experts from NVIDIA and Microsoft. Co-developed with Zhejiang University Medical School and EduHK and trained on more than 50,000 clinical datasets, our platform provides AI early identification and intervention for mental challenges, alongside AI-driven digitalisation of education. Trusted by over 200 partners and application cases across mainland China and Hong Kong, including the Education Bureau, Digital Policy Office, and more, Canpanion has served over 50,000 children and families. Looking ahead, Canpanion is set to launch its 3D robot, bringing immersive AI interaction into every household for the first time. This will drive explosive growth in our service reach, empowering mental health and special education through technology, and positioning us to become a unicorn leading the way across Asia.
Dresio Limited	Biomedicine and Health	Accudex by Dresio is an AI-driven biomechanics technology that enables real-time 3D movement analysis using ordinary 2D cameras, with no specialised hardware required. Our patented algorithms extract over 60 frames per second of 3D joint angles, centre-of-mass balance, and other key biomechanical parameters from standard video, while our evidence engine integrates 70,000+ peer-reviewed clinical studies to deliver instant, objective musculoskeletal (MSK) assessment reports.
DiamNex Limited	New Materials	Diamond is a core strategic material for fourth-generation semiconductors. With

		thermal and electrical properties superior to those of silicon, silicon carbide, and other conventional semiconductor materials, it is considered a critical substrate for high-end chips. Diamond-related technologies have been included in export control frameworks in several countries and identified as a priority in China's 15th Five-Year Plan. By combining chemical vapor deposition with a purely physical exfoliation process, the project enables the scalable production of ultra-thin, ultra-flat, and flexible diamond wafers. The wafers achieve a surface roughness of less than 1 nanometer and can be directly integrated into existing semiconductor manufacturing lines. The diamond films can be produced at thicknesses as low as 400 nanometers while delivering thermal conductivity of up to 1,300 W/m·K. Compared with conventional production methods, manufacturing costs can be reduced by approximately 99%. Their flexibility and bendability also create new possibilities for advanced chip design and heterogeneous integration.
NeuroTact Limited (Cyberport Community Member)	Intelligent Devices and Robotics	NeuroTact enables human-level touch in robots by combining high-resolution visuotactile sensing, flexible piezoelectric electronic skin, and proprietary neuromorphic AI chips. Integrating proprietary 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.
Icarus Energy	New Materials	Revolutionizing batteries with our patented silicon anodes material, based on renewable agricultural and forestry waste such as

		coconut shells and nut shells, develops a high-purity, high-specific-surface-area carbon-coated silicon anode material. The process is green, environmentally friendly, and low-cost, making it suitable for high-energy-density lithium-ion batteries. Through multi-level porous structure design and precise silicon coating control, the cycle stability and conductivity of the silicon anode material are significantly improved, effectively solving the problems of large expansion and rapid capacity decay of traditional silicon materials.
Liseefuture Technology Limited	Artificial Intelligence and Big Data	This project is a pioneer of AI sensory-substitution assistive devices for the blind in China. Its core product is the VA-Eyes (Clear Eyes) AI vision-aid glasses. Facing the large population of visually-impaired people in China, current voice-based assistive devices suffer from slow response and poor directional accuracy, while solutions such as brain-computer interfaces are hard to achieve commercialization. To solve these pain points, the team has developed proprietary patented algorithms including corner-based fast ranging, lightweight object detection and personalized stereo encoding.
NeuroHarbor Limited	Artificial Intelligence and Big Data	NeuroHarbor is dedicated to building an AI-powered diagnostic and treatment platform for brain disorders, with the mission of “managing brain diseases like chronic conditions.” The company has established a three-tier product system comprising AI-based EEG analysis software, wearable EEG monitoring devices, and non-invasive neuromodulation technologies.

		Its core product, the AI EEG analysis software, has been deployed in real clinical settings at top-tier hospitals' epilepsy centers and has been operating stably. It enables automatic detection of epileptiform discharges, sleep staging, calculation of spike-and-wave index, and automated population of quantitative fields in structured Chinese reports within localized hospital environments—reducing long-term EEG analysis time from several hours to under 30 minutes. Additionally, two hardware products—the wearable EEG patches and the taVNS device—have completed prototype development.
Vitvast Technology Company Limited	New Materials	Vitvast™ Lattice uses a "rigid outside, compliant inside" architecture that combines constraint layers with helical, wavy, crossed and diagonal supports. Under load, bending, torsion and multidirectional displacement tune its three-axis mechanical response. Unlike rubber, foam, springs or conventional lattices, its dimensions, angles, porosity and gradients can be programmed for heat, chemicals, vacuum, fatigue and multiaxial loading. Current applications include an elastic-support lattice insole and a robotic vibration-isolation foot, linking advanced materials, additive manufacturing and robotics.
Sharpsight Limited	Biomedicine and Health	Sharpsight is dedicated to transforming neurorehabilitation through artificial intelligence. At the heart of its platform is Computational Embodied Therapy (CET), which connects action observation, motor imagery, multimodal sensing, and personalized training in a closed-loop approach. The platform is designed to help people with stroke and other neurological conditions regain motor function.

		Sharpsight's flagship product, masquer®, supports neuroscience-driven limb training in clinical rehabilitation settings. Its intelligent rehabilitation platform extends care into the home, combining smart sensing, AI-generated personalized rehabilitation plans, and support from rehabilitation specialists to encourage long-term adherence.

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About Hong Kong Cyberport

Wholly owned by the Hong Kong Special Administrative Region (HKSAR) Government, Cyberport is Hong Kong's digital tech hub and AI accelerator, with a vision to empower industry digitalisation and intelligent transformation, to promote digital economy and AI development, and to foster Hong Kong to be an international AI, innovation and technology (I&T) hub. Cyberport gathers over 2,400 companies, including 30 listed companies and 10 unicorns. 40% of onsite companies' founders come from 28 countries and regions, while Cyberport companies have expanded to over 36 global markets.

Cyberport, with Hong Kong's largest AI Supercomputing Centre and AI Lab as the engine, has been building the AI ecosystem with industry-leading AI companies and over 500 AI and data science start-ups. Through development of tech clusters, namely AI, data science, blockchain and cybersecurity, Cyberport empowers industries across smart city and government, banking and finance, digital entertainment, culture and tourism, healthcare, education and training, property management, construction, transportation and logistics, green environment and more, while hosting Hong Kong's largest FinTech community. Commissioned by the HKSAR Government, Cyberport has implemented proof-of-concept and sandbox schemes, subsidisation for digital tech adoption, industry tech training and start-up incubation, to drive technology R&D, translation and commercialisation, thus propelling digital transformation and intelligent upgrade across industry and society.

Also as "State-level Scientific and Technological Enterprise Incubator" and Hong Kong's key incubator, Cyberport supports entrepreneurs with funding and office space, extensive networks of enterprises, investors, technology corporations and professional services for business growth and expansion to Chinese Mainland and overseas markets, all-round facilitation for landing in Hong Kong, talent attraction and cultivation, ready as a launchpad to take start-ups in any stages of development to the next level.

For more information, please visit https://www.cyberport.hk/en.