ASTRI

Annual Report 2025/26 年報

由知至行 由研至用

FROM SEED TO SOLUTION

From Seed to Solution

The design concept of ASTRI Annual Report 2025/26 employs the metaphor of plant growth to articulate ASTRI's innovation journey – from initial research concept through development and application to real-world impact.

Organic, petal-like forms and radiating lines evoke growth, energy, and transformation. The central motif represents the "Seed" – the genesis of innovative ideas – whilst layered shapes symbolise their evolution into scalable, market-ready solutions that reach full "Bloom".

The colour gradient transitions from cool to warm tones, mirroring our innovations' progression from laboratory research to commercial realisation. Paired with clean typography, the design balances scientific rigour with forward-looking optimism, encapsulating ASTRI's commitment to translating cutting-edge research into meaningful, practical value.

由知至行　由研至用

應科院2025/26年度年報的設計概念以植物生長為喻，闡述應科院的創新歷程：從最初的研究構思，經發展階段落地應用，以至對現實世界產生實際影響。

有機的花瓣形態與放射線條喚起成長、活力與蛻變的意象。中心圖案代表「種子」，即創新理念的起源；而層疊的形狀則象徵理念演進為可擴展、適合市場的方案，最終全面「綻放」。

色彩漸變由冷色調過渡至暖色調，映照我們的創新從實驗室研究邁向商業化的發展進程。配以簡潔的字體設計，整體設計在科學嚴謹與前瞻樂觀之間取得平衡，體現應科院致力將尖端研究轉化為具意義、實用價值的承諾。

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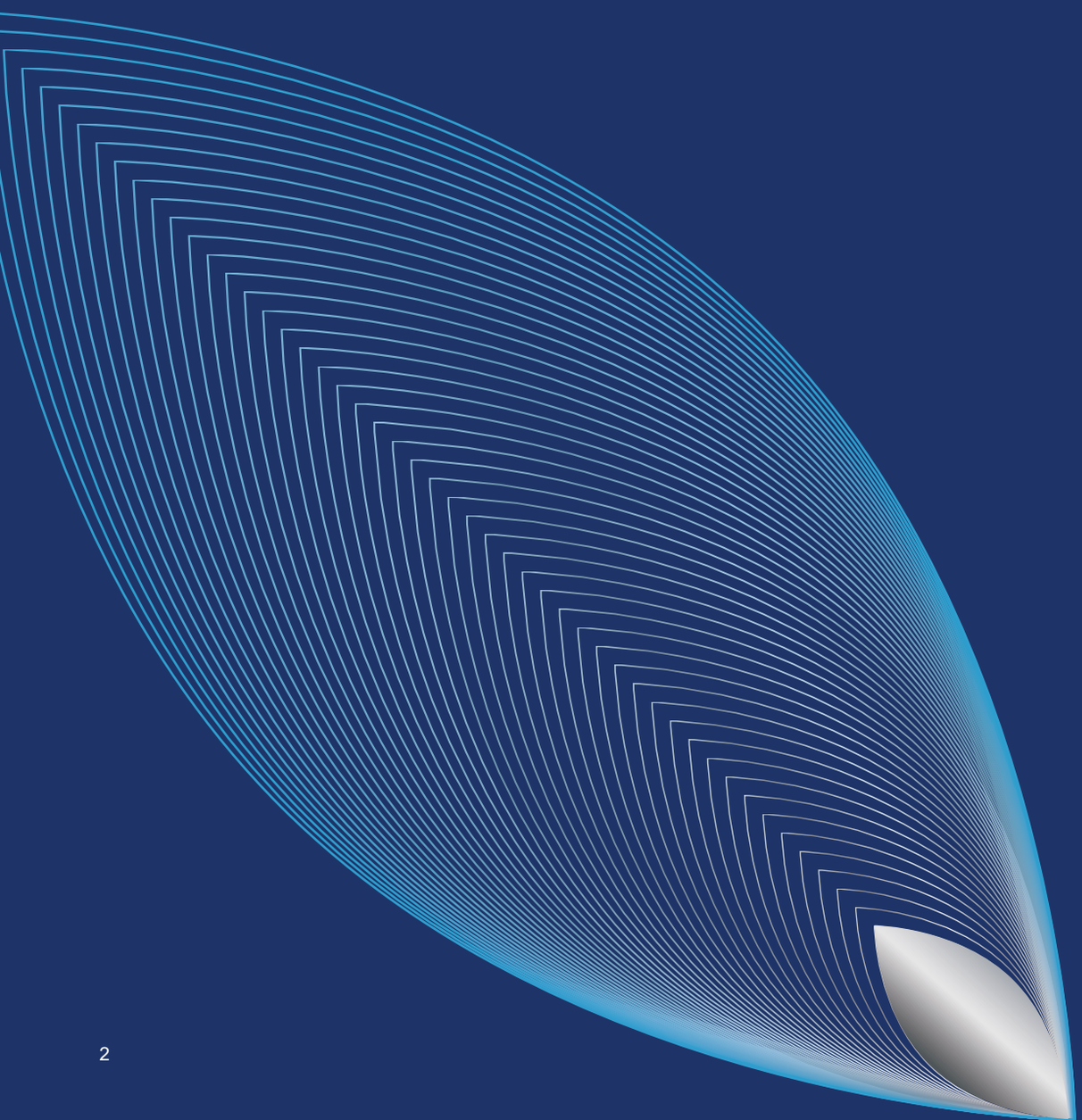
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EXECUTIVE SUMMARY

行政摘要

KEY ACHIEVEMENTS 主要成就

The Hong Kong Applied Science and Technology Research Institute (ASTRI) had a highly productive year in 2025/26, marked by groundbreaking technological advancements, strengthened industry collaborations, and notable contributions to Hong Kong's smart city development. Below are the key highlights:

香港應用科技研究院（應科院）於2025/26年度積極進取，成果豐碩，不僅開展多項重要合作計劃，還在不同的科技領域取得突破，為香港智慧城市的發展作出貢獻。主要成就包括：

1 Strategic Merger with NAMI 與NAMI策略合併

ASTRI undertook comprehensive preparations for our transformational merger with the Nano and Advanced Materials Institute (NAMI), which was successfully completed on 1 April 2026. This strategic integration positions ASTRI to combine innovative technologies with advanced materials, creating a strong foundation for future growth and value creation.

應科院全面推展與納米及先進材料研發院(NAMI)的合併籌備工作，並於2026年4月1日正式完成合併。是次合併結合創新科技與先進材料研發的協同優勢，奠下堅實基礎助力應科院創造價值，有利長遠發展。

2 Robust Industry Contribution 業界大力支持

ASTRI's industry and other income accounted for 57.4% of its total income, with an industry contribution of HK$94 million. This outstanding achievement demonstrates strong market validation of our technologies and their commercial relevance, reflecting our expanding influence and value proposition across key industry sectors.

來自業界及其他收入佔應科院總收入57.4%，其中業界贊助金額達港幣9,400萬元，反映市場肯定我們的技術實力及其商業應用潛力，亦彰顯我們在多個核心產業領域的影響力與價值持續提升。

3 Global Patent and Innovation Leadership 全球專利與創新領導地位

ASTRI, positioned as a global innovation powerhouse, was reinforced by an expanded intellectual property portfolio, securing 54 patents worldwide. With 26 patents granted in the United States, ASTRI became the only Hong Kong-based institute amongst the "Top 60 Worldwide Non-Profit Research Institutions and Government Agencies Granted Utility Patents" in 2025, as announced by the United States National Academy of Inventors. This international recognition underscores our world-class research capabilities and innovation excellence.

應科院在全球共取得54項專利，進一步強化知識產權組合，並鞏固我們作為全球重要科研中心的地位。應科院憑藉在美國獲授26項專利，成為美國國家發明家科學院「全球獲授美國實用專利的60大非牟利研究機構及政府機構」中唯一上榜的香港機構。此項國際殊榮，充份印證應科院的世界級科研與卓越創新實力。

4 International Awards 國際獎項

ASTRI garnered 42 prestigious awards across local, Chinese Mainland, and international platforms, affirming our research excellence and the global impact of our innovations. This remarkable achievement not only validates ASTRI's technological leadership but also enhances Hong Kong's position as a premier international innovation and technology hub.

應科院榮獲42個本地、中國內地及國際重要獎項，肯定我們在研究卓越及創新方面的全球影響力。這些非凡成就不僅驗證應科院的技術領導地位，亦有助提升香港作為國際創科中心的地位。

5 Successful Technology Adoption
技術成功落地應用

ASTRI made significant strides in translating laboratory innovations into market-ready solutions across both private and public sectors. We initiated 46 new Innovation and Technology Fund projects, executed 15 licensing agreements, and undertook 39 contract research projects. These achievements demonstrate ASTRI's ability to bridge the innovation-to-market gap and underscore its commitment to delivering tangible technological impact that addresses real-world industry challenges.

應科院在把實驗室研發成果轉化為適用於公私營機構的市場解決方案方面取得重大進展。我們啟動46個創新及科技基金資助新項目、簽訂15份專利科技授權協議，並承接了39個合約研究項目。這些成果進一步展示應科院拉近科研與市場的能力，並彰顯我們藉應用技術解決業界挑戰的堅定承諾。

6 Expanded Strategic Partnerships
拓展策略合作

We further broadened our collaborative ecosystem and strengthened market reach by signing 18 memoranda of understanding with key strategic partners from diverse industries. Notable partnerships include collaborations with Pok Oi Hospital, Alibaba Cloud, and Slovak Academy of Sciences. These strategic alliances enhance ASTRI's capacity to co-develop innovative solutions, access new markets, and accelerate the translation of cutting-edge research into practical applications that benefit society and industry.

我們進一步擴大協作網絡，與來自不同產業的主要策略夥伴簽訂18份合作備忘錄，加強市場覆蓋。重點合作機構包括博愛醫院、阿里雲及斯洛伐克科學院等。應科院與這些策略夥伴共同開發創新方案、開拓新市場，並加速將尖端研究轉化為造福社會與業界的應用科技。

7 Silver Jubilee
銀禧誌慶

We commemorated ASTRI's 25th anniversary under the theme "Tech for Everyone", celebrating a quarter-century of innovation excellence. This milestone year featured a comprehensive programme of activities such as conferences, exhibitions, multi-platform media campaigns, charitable initiatives and employee celebrations that showcased ASTRI's technological achievements and significantly enhanced brand visibility, fostering pride and connection among ASTRI colleagues. The anniversary celebrations reinforced ASTRI's mission to make transformative technology accessible and beneficial to all.

應科院以「科技惠民」為主題慶祝成立25周年，回顧過去四份一世紀的創新歷程。慶祝活動涵蓋會議、展覽、跨平台媒體宣傳、公益項目及員工同樂活動，全面展示技術成就，提升品牌知名度，同時增強同事的歸屬感和凝聚力，進一步確立應科院藉科技惠及各行各業和社會大眾的使命。

8 Chinese Mainland Market Expansion
拓展中國內地市場

We further expanded our presence across the Chinese Mainland through our Shenzhen operations and partnerships in Suzhou and Beijing. Key milestones included the successful launch ceremony of the Suzhou Innovation Partnership Programme, and the 2025 Technology Showcase in Suzhou, which attracted over 200 industry partners and catalysed deeper Hong Kong-Suzhou collaboration on technology commercialisation. These initiatives demonstrate ASTRI's pivotal role in strengthening cross-border innovation synergies within the Greater Bay Area and beyond.

我們透過深圳營運據點以及在蘇州和北京的合作夥伴關係，進一步擴大在中國內地的業務版圖。主要成就包括成功舉辦蘇州科創夥伴合作計劃啟動儀式暨2025年度科技推介會，後者吸引超過200位業界夥伴參與，有效推動港蘇兩地在技術商業化方面的合作。這些舉措展示了應科院在加強促進粵港澳大灣區及以外地區跨境創科協同效應方面的關鍵角色。

9 World-Class Research Talent
世界級科研人才

ASTRI has assembled a premier research team of exceptional calibre, with 80% of researchers holding PhD or Master's degrees. This world-class talent pool drives cutting-edge innovation and solidifies our position as a leading partner for industry collaboration and technology development. Our commitment to continuous talent development is exemplified by the WORK-STUDY Programme (PhD), which allows full-time R&D staff to pursue part-time doctoral studies at Hong Kong's top universities. This initiative not only enhances technical expertise but also strengthens academic-industry linkages that fuel innovation excellence.

應科院組建了一支高質素的科研團隊，當中八成研究人員持有博士或碩士學位。這支世界級人才隊伍持續推動尖端創新科技的發展，鞏固我們作為業界協作及技術開發首選夥伴的地位。我們持續培育人才的承諾亦體現在推行「應科院兼讀博士生工作計劃」，讓全職研發人員於香港頂尖大學攻讀博士學位，提升專業能力，同時強化產學聯繫，為持續創新奠下穩固基礎。

10 Workplace Recognition
人才措施備受認可

ASTRI's people and workplace initiatives earned five external recognitions and awards, reflecting our commitment to fostering an inclusive, engaging and future-ready work environment. These achievements acknowledge our excellence in talent attraction and development, employee well-being, organisational transformation, and sustainable people practices. The recognitions reinforce our position as an employer of choice and demonstrate the effectiveness of our human capital strategies in supporting long-term organisational success.

應科院在人才及職場方面的努力，共獲得五項外界認可及獎項，反映我們致力營造包容、積極和面向未來的工作環境。這些成就肯定我們在人才招聘與發展、員工福祉、組織轉型及可持續人力資源實踐方面的卓越表現。這些認可進一步確立應科院作為首選僱主的地位，並展現我們的人力資源策略在支持機構長遠發展所發揮的關鍵作用。

A YEAR AT A GLANCE
年內盛事

2025

April
4月



ASTRI showcased a diverse range of emerging solutions for smart city innovation at the third edition of InnoEX. ASTRI's technologies on display included advancements in the low-altitude economy (LAE), smart manufacturing, smart mobility, and smart pharmacy, underscoring Hong Kong's growing influence in the global innovation and technology arena. Secretary for Innovation, Technology and Industry Professor Sun Dong (centre) and Under Secretary for Innovation, Technology and Industry Ms Lillian Cheong (second from left) showed their support at our booth.

應科院於第三屆香港國際創科展(InnoEX)上，展示一系列智慧城市創新解決方案，涵蓋低空經濟、智能製造、智慧交通及智能藥房等領域，向國際業界顯創科實力。創新科技及工業局局長孫東教授（中）及創新科技及工業局副局長張曼莉女士（左二）親臨支持。



ASTRI proudly presented its latest advancements in autonomous driving and low-altitude economy technologies at the Smart "Flying" and "Travelling" Experience Zone in Hong Kong SciFest 2025.

應科院參與了「香港科學節2025」，在智慧「飛」「行」體驗區展示了自動駕駛和低空經濟相關技術。

May
5月



Organised by ASTRI and the Hong Kong Academy for Gifted Education, and funded by Innovation and Technology Commission, the Prototype Exhibition cum Award Ceremony recognises outstanding student-led artificial intelligence innovation. The competition attracted an impressive array of 132 applications from 81 secondary schools with the participation of 335 students across Hong Kong.

由應科院主辦、香港資優教育學苑合辦、創新科技署資助的「全港青年AI Master應用科技創意大獎」反應熱烈，吸引81家學校132隊伍，合共335名中學生參賽。

June
6月



ASTRI and the Board of Directors of Pok Oi Hospital signed a Memorandum of Understanding to collaborate on exploring innovative technologies development for the Pok Oi Hospital Tuen Mun Lam Tei Nursing and Residential Care Home for the Elderly Project.

應科院與博愛醫院董事局簽署合作備忘錄，合力研究為「博愛醫院屯門藍地長者護理及護養安老院舍項目」引入多元化創新應用科技。

July
7月



ASTRI and Citybus Limited joined forces to launch innovative research and development projects focusing on autonomous driving and Cellular Vehicle-to-Everything (C-V2X) technology. For the first time, ASTRI integrated with Citybus's on-board systems, equipping their double-deckers with C-V2X technology to seamlessly connect with smart roadside units nearby. This connectivity enabled the transmission of real-time road conditions and traffic light status, providing timely alerts to bus captains.

應科院與城巴攜手合作多項研發項目，重點開發自動駕駛及車聯網(C-V2X)技術。應科院首次將C-V2X系統整合至城巴車載設備，使雙層巴士能與智能路側單元即時互通，傳送路面狀況、交通燈狀態等即時資訊，並向車長發出提示。

August
8月

ASTRI's eight-week summer programme received an overwhelming response, attracting close to 3,000 applications. We onboarded about 40 students from world-renowned universities across the Greater Bay Area and Hong Kong.

應科院的八週暑期實習計劃反應熱烈，收到了近3,000份申請。我們錄取了約40名來自世界各地包括大灣區及香港知名學府的學生。



September
9月



ASTRI and the Slovak Academy of Sciences signed a Memorandum of Understanding to foster collaboration in innovation and technology (I&T), marking a significant milestone in research and technology exchange between Hong Kong and Slovakia.

應科院與斯洛伐克科學院簽署合作備忘錄，共同推動創新科技合作，標誌着香港與斯洛伐克在科研及技術交流方面邁出重要一步。

October
10月



ASTRI featured six groundbreaking technologies and smart solutions at InnoCarnival. Spanning artificial intelligence (AI), smart mobility, medtech, contech and intelligent manufacturing, these innovations allow visitors to experience the transformative power of technology first-hand.

Mr Michael Wong, Deputy Financial Secretary of the HKSAR Government (seventh from right), Professor Sun Dong, Secretary for Innovation, Technology and Industry (sixth from right), Ms Lillian Cheong, Under Secretary for Innovation, Technology and Industry (seventh from left) and Mr Ivan KB Lee, Commissioner for Innovation and Technology (eighth from left) and other guests visited ASTRI's booth at InnoCarnival and took a group photo with the C-Suite and R&D team.

應科院於「創新科技嘉年華」活動上展示多項創新技術和解決方案，涵蓋人工智能、智慧出行、醫療科技、建築科技、智能生產等領域，讓市民大眾近距離感受科技力量。

香港特區政府財政司副司長黃偉綸先生（右七）、創新科技及工業局局長孫東教授（右六）、創新科技及工業局副局長張曼莉女士（左七）、創新科技署署長李國彬先生（左八）等嘉賓參觀應科院展位，並與一眾高層及科研人員合影。





ASTRI launched the Suzhou Innovation Partnership Programme in support of the Suzhou Municipal Government and eight Suzhou enterprises, enhancing Hong Kong-Suzhou collaboration from technical exchange to industrial cooperation. Featuring cutting-edge presentations on AI, IoT, 5G, and more, the event attracted nearly 200 participants, including government officials and industry leaders. This initiative will accelerate R&D commercialisation and support tech companies in both cities to expand globally.

應科院與蘇州市政府及八家蘇州企業共同發起「蘇州科創夥伴合作計劃」，深化港蘇合作，推動技術交流升級和產業合作。活動中展示多項尖端技術，包括 AI、物聯網及 5G 等，吸引近 200 位政府官員和業界領袖參與。此計劃將加速科研成果商品化，協助兩地科企拓展全球市場。

November
11月



ASTRI and the Insurance Authority (IA) jointly released a White Paper “Federated Learning: Unlocking Innovation in the Insurance Sector”, highlighting the transformative potential of Federated Learning for privacy-preserving data collaboration in the insurance industry.

Pictured at IA’s launch of AI Cohort Programme (from left) are Mr Clement Cheung, Chief Executive Officer of IA, Mr Stephen Yiu, Chairman of IA, and Ir Dr Ted Suen, Chief Executive Officer of ASTRI.

應科院與保監局聯合發佈《聯盟式學習：開啟保險業創新之門》白皮書，探討聯盟式學習在保險行業推動隱私保護數據協作方面的革新潛力。

圖為（左起）保監局行政總監張雲正先生、保監局主席姚建華先生，以及應科院行政總裁孫耀達博士工程師於保監局「人工智能促進計劃」啟動禮上合照。

As part of ASTRI’s 25th Anniversary celebrations, we gave back to society through meaningful community engagement. ASTRI colleagues volunteered at Food Angel, packing 1,670 nutritious hot meals for those in need during a half-day service.

作為應科院25週年誌慶的其中一項活動，我們透過有意義的社區參與回饋社會。我們的義工團隊在「惜食堂」的半天服務中，為有需要的受助人士製作了1,670份營養熱餐。





ASTRI signed a Memorandum of Understanding with Alibaba Cloud. This partnership highlighted our commitment to driving digital transformation and harnessing the full potential of artificial intelligence to elevate Hong Kong as an international innovation and technology hub.

應科院與阿里雲簽署合作備忘錄。此項合作充份體現雙方在推動數碼轉型，並全力發揮人工智能潛力，以鞏固香港作為國際創新科技中心方面的承諾。

2026

January
1月



ASTRI signed a Memorandum of Understanding with HBC Limited. This strategic partnership focused on advancing the silver economy by exploring and commercialising innovative technologies designed to better serve the senior community.

應科院與香港借鑒顧問有限公司簽署合作備忘錄。 雙方聚焦發展銀髮經濟，探索把專為長者而設的創新科技商業化。

Professor Sun Dong, Secretary for Innovation, Technology and Industry (fifth from left) attended Microelectronics Technology Consortium (METC) Annual Forum, serving as Guest of Honour.

創新科技及工業局局長孫東教授（左五）出席「微電子技術聯盟週年論壇」，並擔任主禮嘉賓。





ASTRI joined hands with the Federation of Hong Kong Industries and key I&T ecosystem stakeholders to organise the GBA iForum cum Dinner 2026 in Nansha, reinforcing our commitment to cross-border collaboration and driving a smarter, connected Greater Bay Area.

應科院與香港工業總會以及主要創科生態圈持份者攜手在南沙舉辦「大灣區（南沙）工商界高峰論壇暨交流晚宴2026」，彰顯我們致力推動跨境合作，建設更智慧、更互聯的大灣區。

AWARDS AND ACCOLADES
獎項與榮譽
2025

April
4月



ASTRI has made a stellar showcase at the 50th International Exhibition of Inventions Geneva, securing 16 awards. These include one Gold Medal with Jury Congratulations, four Gold Medals, along with seven Silver Medals and four Bronze Medals.

應科院於第50屆「日內瓦國際發明展」中成績斐然，榮獲16個獎項，其中包括一項評審團嘉許金獎、四項金獎、七項銀獎及四項銅獎。

May
5月

ASTRI received three “Certificates of Merit” at the 2025 Hong Kong Innovation and Technology Award.

應科院於「2025香港創新發明大獎」中榮獲三項「創新優秀獎」。



October
10月



The “Smart Optics Precision Positioning System”, deployed across various construction sites in Hong Kong, earned ASTRI the Silver Award in the Public Sector and Social Innovation category at the Asia Smart Innovation Awards 2025, organised by the Hong Kong Wireless Technology Industry Association (WTIA).

ASTRI also received a Certificate of Merit in the Business and Commercial category for the “Intent-Driven and AI Agent-Based Smart Orchestration System”.

「智能光學精準定位系統」已在香港多個建築工地應用，為應科院贏得香港無線科技商會（WTIA）主辦的「2025亞洲智慧創新大獎」公共事務及社會企業類別銀獎。

應科院亦憑「意圖驅動及人工智能代理智能編排系統」，獲商業應用獎類別優異獎。

Our “Intent-Driven and AI Agent-Based Smart Orchestration System” was honoured with the “Best AI Transformation Solution – Merit” in the 11th CAHK Star Awards.

我們的「意圖驅動及人工智能代理智能編排系統」，在第11屆「通訊業聯會非凡年獎」中榮獲「最佳人工智能轉型方案獎 – 優異獎」。



November
11月



ASTRI has once again been recognised as an Asia IP Elite, reaffirming our leadership in intellectual property strategy and value creation across the Asia-Pacific region. This marks our second time receiving this prestigious honour, after being the first Hong Kong organisation to achieve it in 2020.

應科院再次獲選為「亞洲知識產權精英」(Asia IP Elite)，肯定我們在亞太區知識產權策略和價值創造方面的領導地位。這是應科院繼2020年成為首家獲此榮譽的香港機構後，第二次獲得此項殊榮。



"CHIMP Chest Patch", funded by Innovation and Technology Fund, co-developed by ASTRI, Hospital Authority and Tin Shui Wai Hospital, has won the Gold Award in the Smart Living Award – Smart Healthcare category at the 2025 Hong Kong ICT Awards.

由創新科技基金資助，應科院、醫管局及天水圍醫院攜手研發的全方位住院病人監測系統「安心貼」榮獲「2025香港資訊及通訊科技獎」–「智慧生活（智慧醫療）獎金獎」。

December
12月

ASTRI won a Gold Award and three Silver Awards at the 5th Asia Exhibition of Innovations and Inventions in Hong Kong, showcasing our cutting-edge technologies in power storage, communications, IoT, and AI.

應科院在「第五屆亞洲創新發明展覽會」上獲得一項金獎和三項銀獎，展示我們在電力儲存、通訊、物聯網及人工智能等領域的尖端科技。



2026

March
3月



ASTRI achieved remarkable success at the 51st International Exhibition of Inventions Geneva, garnering ten prestigious accolades. These include five Gold Medals and five Bronze Medals, showcasing ASTRI's strength in innovative research and development. In total, 18 awards were presented to ASTRI and NAMI.

應科院於第51屆「日內瓦國際發明展」中贏得十項殊榮，包括五項金獎及五項銅獎，印證應科院的創新科研實力。連同NAMI，我們合共贏得18個獎項。

JobMarket Employer of Choice Award
JobMarket「卓越僱主大獎」

ASTRI has been recognised with two prestigious accolades: the "JobMarket Employer of Choice Award 2025" and "HR Leadership in Change Management Award". These awards highlighted ASTRI's commitment to achieving HR Excellence and being a caring employer. By fostering a culture of cultivating collaborative development, ASTRI demonstrates its thought leadership in driving people-centred change. This dedication creates a positive and empowering workplace, enabling talented professionals to grow, innovate, and make meaningful impact.

應科院榮獲JobMarket「卓越僱主大獎」及「卓越HR變革管理領導大獎」兩項殊榮，充份體現了應科院在人力資源管理上追求卓越的決心，秉持關懷員工的理念，致力促進協作共融的發展；同時展現了以人為本的核心價值，積極營造正向的工作環境，讓專業人才持續發展、勇於創新並創造價值。

ESG Pledge
ESG 約章

This accreditation underscores ASTRI's unwavering commitment to implementing and advancing sustainable development practices.

這項認證彰顯應科院多年來對致力實踐及推動可持續發展的承諾。

Happy Organisation
開心機構

This citation recognises ASTRI's effort in cultivating a positive workplace culture and fostering a conducive work environment.

這項嘉許表揚應科院致力營造積極正向的工作文化的努力。

Jobsdb by SEEK
The HR Awards 2025/26 – GBA Talent Attraction Campaign Award

This recognition underscores ASTRI's HR teams' commitment to excellence in attracting talents across the Greater Bay Area (GBA).

這項殊榮彰顯應科院人力資源團隊在大灣區招攬優秀人才方面的傑出表現。

FAST FACTS
數字概覽

As of 31 March 2026, ASTRI:
截至2026年3月31日，應科院：

carried out
已開展
1,247
research projects
個研發項目

completed
已完成
1,655
technology transfer
項技術轉移

was granted
已獲
1,209
patents
項專利

In fiscal year 2025/26, ASTRI:
在2025/26財政年度，應科院：

hired
聘用
519
employees in Hong Kong and Chinese Mainland
名員工，分佈香港及內地辦事處

commenced
開展
46
new projects
個新項目

signed
簽訂
15
licensing agreements
授權協議

received
榮獲
42
local and international awards
個本地及國際獎項

achieved a
錄得
57.4%
level of industry and other income
來自業界及其他收入水平

WHO WE ARE

認識應科院



ASTRI was founded in 2000 by the HKSAR Government. As Hong Kong's largest government-funded research and development centre, ASTRI is a key force and super connector driving innovation and technology advancement in Hong Kong, the Greater Bay Area, and the global innovation ecosystem.

Committed to bringing high impact research from lab to market, ASTRI advances interdisciplinary, market driven R&D that delivers practical innovations for industry and meaningful benefits for society.

With enhanced scale and capabilities, ASTRI is uniquely positioned to elevate Hong Kong's innovation capacity, accelerate technology commercialisation, and drive societal and economic progress through world-class applied research.

應科院於2000年由香港特別行政區政府成立。作為香港最大的政府資助研發中心，應科院不僅是推動科技進步的重要力量，更擔當促進香港、大灣區以至全球創新生態圈發展的「超級聯繫人」角色。

應科院積極推動跨學科、市場導向的研發，致力將具重大影響力的科研成果從實驗室推向市場應用，為業界帶來實用的創新科技，並為社會創造經濟效益。

應科院正擴大規模並增強實力，具備獨特優勢，有助提升香港創新能力，加速科研成果商業化，並通過世界級的應用研究推動社會及經濟進步。

BOARD OF DIRECTORS
董事局



ASTRI is governed by a Board of Directors comprising representatives from the industry, commercial and professional sectors, the academia and the HKSAR Government. Directors are appointed by the Government and have collective responsibility for overseeing ASTRI's operation and strategic directions. Three Functional Committees were formed to assist the Board in managing ASTRI:

- The Finance and Administration Committee ("FAC") is tasked with overseeing all aspects of ASTRI's finance and administration;
- The Technology Committee ("TC") is responsible for guiding research initiatives at ASTRI; and
- The Audit Committee ("AC") ensures both internal and external audit processes are executed properly.

董事局是應科院的管治組織，由香港特區政府委任的成員包括來自工業界、商界、專業界、學術界及香港特區政府的代表。董事局集體負責監督應科院的營運及發展方向，並下設三個功能委員會，包括：

- 財務及行政委員會負責監察應科院的財務及行政事宜；
- 科技委員會負責監察應科院的研究項目；以及
- 審計委員會負責確保內部和外部審計程序妥善執行。

ASTRI is mandated to prepare and submit detailed annual plans, quarterly and yearly operational reports, and annual audited accounts pertaining to its operation and projects. These documents require approval from both the Board of Directors and the Innovation and Technology Commission of the HKSAR Government. During the 2025/26 fiscal year, the Board convened a total of four meetings, with an average attendance rate of 77.5%. Please read pages 59 to 62 for more details.

應科院須提交年度計劃、載述營運情況的季度及年度報告，以及有關營運和研發項目的年度經審核帳目，供董事局和香港特區政府創新科技署批核。於2025/26財政年度，董事局召開了四次會議，平均出席率為77.5%。詳情請翻閱59至62頁。



Board Chairman 董事局主席

1 Ir Prof Sunny Lee 李惠光教授工程師

Official Members 官守董事

2 Mr Kevin Choi 蔡傑銘先生

3 Mr Ivan KB Lee 李國彬先生

Chairman of Functional Committees 功能委員會主席

4 Prof Christopher Chao 趙汝恒教授

5 Mr Jason Chiu 趙子翹先生

6 Mr Dennis Ho 何超平先生

Members 董事 (Listed in alphabetical order in surname 按英文姓氏排序)

7 Prof Chan Chi-hou 陳志豪教授

8 Dr Felix Chow 周博軒博士

9 Prof Cheng Shuk-han 鄭淑嫻教授

10 Mr William Ho 何達先生

11 Ir Arthur Lee 李錦雄工程師

12 Mr Theodore Ma 馬衡先生

13 Dr Alfred Ng 吳民卓博士

14 Hon Jack Ng 伍煥杰議員

15 Ar So Ching 蘇晴建築師

16 Ir Dr Samson Tai 戴劍寒博士

17 Mr Anthony Tong 湯達熙先生

18 Prof Michael Tse 謝智剛教授

19 Prof Martin Wong 黃定發教授

20 Mr Wilfred Wong 黃錦沛先生



CHAIRMAN'S MESSAGE
主席的話

Advancing Innovation, Creating Value
推動創新　創造價值

As Hong Kong enters a new stage of innovation-led development, ASTRI will continue to bridge research and industry, accelerate technology commercialisation, injecting fresh impetus to the development of New Quality Productive Forces for Hong Kong and our country.

香港正邁向以創新驅動發展的新階段，應科院將繼續促進科研與產業的緊密對接，加快技術商品化的步伐，為香港及國家發展新質生產力持續注入新動力。



Ir Prof Sunny Lee
BBS, JP
李惠光教授工程師
銅紫荊星章　太平紳士
Board Chairman 董事局主席



ASTRI proudly showcased its diverse research achievements at the InnoCarnival. Highlighted in the photo are Ir Prof Sunny Lee, Board Chairman of ASTRI (centre), Ir Dr Ted Suen, Chief Executive Officer of ASTRI (fifth from right), and members of the R&D team.

應科院在「創新科技嘉年華」上，展示多項科研成果。圖為應科院董事局主席李惠光教授工程師（中）與應科院行政總裁孫耀達博士工程師（右五）和科研團隊合照。

From Research to Reality: Catalysing Innovation and Growth
科研落地　驅動創新增長

The year 2025 marked ASTRI's 25th anniversary, a significant milestone in our journey of advancing innovation and technology for Hong Kong. Over the past quarter century, ASTRI has transformed research into practical applications, supported industrial development, and contributed to Hong Kong's transformation to a leading international innovation and technology centre. This milestone provided an opportunity to reflect on our achievements while ushering into to the next chapter of growth and impact.

2025年是應科院成立的第25週年，也是我們推動香港科技創新進程的一個重要里程碑。回顧過去四份一世紀，我們將科研成果轉化為實用技術，支持產業發展，並幫助香港打造成國際領先的創新科技中心。這不僅表揚我們以往的成就，也標誌著應科院將邁向新篇章，實現新突破並發揮更大影響力。

During the fiscal year 2025/26, ASTRI continued to strengthen its role as a catalyst for innovation and technology development. Guided by our mission to enhance Hong Kong's competitiveness through applied research, we advanced technologies across strategic areas including AI and Data Science, FinTech, Microelectronics, Intelligent Manufacturing, Digital Health, Intelligent Mobility and IoT Sensing. These efforts support Hong Kong to capitalise emerging opportunities in new industrialisation, autonomous driving systems, low-altitude economy, elderly care, electric vehicle charging networks and other technology-driven sectors, shaping future economic development.

在2025/26財政年度，應科院進一步鞏固了其作為創新科技發展推動者的核心角色。我們秉持以應用研究提升香港競爭力的使命，持續推進人工智能與數據科學、金融科技、微電子、智能製造、數碼健康、智慧出行及物聯網感測等關鍵領域，支持香港把握新型工業化、自動駕駛系統、低空經濟、長者照護、電動車充電網絡等，塑造未來經濟發展。

A key priority for ASTRI has always been translating research into real-world value. From pioneering technologies through applied research to enabling wider industry adoption, we support the innovation of "0 to 1" to "1 to N" industrialisation. The growing number of licensing agreements, contract research projects and industry collaborations during the year reflects the increasing demand for ASTRI's technologies and our ability to connect innovation and technology with market needs.

應科院一直致力把科研成果轉化為實際價值，我們透過應用研究開創前沿技術，並推動各行各業廣泛採用這些解決方案，協助實現創新科技從「0到1」走向「1到N」的產業化階段。年內，我們的技術授權協議、合約研究和產業合作持續增長，這不僅反映市場對我們技術的需求殷切，也展現了我們把創新科技在市場落地應用的卓越能力。



At the Memorandum of Understanding signing ceremony, Ir Prof Sunny Lee, Board Chairman of ASTRI (left) briefed Mr Ivan KB Lee, Commissioner for Innovation and Technology on how ASTRI's robust R&D capabilities can support Pok Oi Hospital through advanced AI-driven healthcare solutions and smart sensing technology to create a high-performing, sustainable, and socially responsible smart residential care home for the elderly.

在合作備忘錄簽署儀式上，應科院董事局主席李惠光教授工程師（左）向創新科技署署長李國彬先生，介紹應科院如何藉創新科研實力和豐富經驗，透過人工智能驅動的醫療保健方案、中央智能感應平台等尖端技術，支持博愛醫院建立高效能、可持續發展且履行社會責任的智能安老院舍。

ASTRI's innovation capabilities continue to receive international recognition. In 2025, ASTRI remained the only Hong Kong organisation included in the National Academy of Inventors' "Top 60 Worldwide Non-Profit Research Institutions and Government Agencies Granted Utility Patents" ranking. Together with the awards and patents secured during the year, this achievement reflects the quality of our research and reinforces Hong Kong's reputation as a source of world-class innovation.

As Hong Kong's "Super Connector", ASTRI plays an important role in facilitating the exchange of technologies, talent and opportunities between Hong Kong, Chinese Mainland and international markets. During the year, we continued to deepen our presence in the Greater Bay Area, Yangtze River Delta and the Beijing-Tianjin-Hebei region, strengthening collaboration with enterprises, research institutions and ecosystem partners. These efforts support the national strategy of "Bringing In" and "Going Global" while enhancing the reach and impact of technologies developed in Hong Kong.

應科院的科研實力也屢獲國際認可。2025年，我們再次成為唯一入選美國國家發明家科學院「全球獲授美國實用專利的60大非牟利研究機構及政府機構」的香港機構。加上年內獲得的其他獎項與專利成果，不僅彰顯我們的科研水準，也進一步鞏固香港作為世界級創新樞紐的地位。

憑着香港作為「超級聯繫人」的優勢，應科院積極促進香港與中國內地及國際夥伴在技術、人才和商機上的交流與合作。年內，我們持續深耕大灣區、長三角和京津冀地區，與企業、科研機構及生態系統夥伴攜手合作，既支持國家「引進來、走出去」的戰略，也擴展香港科研成果的應用範圍和影響力。

Enhanced Capabilities, Global Recognition
實力增強　譽滿全球

An important milestone following the close of the fiscal year was the successful merger between ASTRI and NAMI. Bringing together complementary strengths in information and communications technologies and advanced materials research through synergistic effects, the merged organisation is better positioned to undertake multidisciplinary innovation, accelerate commercialisation and support the development of strategic industries.

Following the merger, ASTRI has garnered a series of international accolades. At the prestigious Edison Awards, we received two Gold Awards and three Silver Awards, making ASTRI the most awarded organisation from Hong Kong at the event. At the 2026 R&D 100 Awards, widely known as the "Oscars of Innovation", ASTRI was the most represented organisation in Asia and outside the United States in terms of finalist technologies. Of our six shortlisted innovations, three were named among the world's 100 most technologically significant innovations of the year.

在本財政年度結束後，應科院與NAMI正式合併，這是我們發展史上的一個重要里程碑。透過發揮協同效應，我們結合雙方在資訊通訊科技與先進材料的優勢，在跨學科創新與商業化方面更具競爭力，能更好地支援重點產業的發展。

合併後，應科院已接連榮獲多個國際獎項。在享負盛名的「愛迪生獎」中，我們贏得兩項金獎及三項銀獎，成為香港在該項盛事中獲獎最多的機構。而在被譽為「創新界奧斯卡」的2026年度「全球百大科技研發獎」中，應科院更是亞洲區及美國以外獲最多入圍技術的機構。我們六項入圍研發中，有三項躋身該年度全球百大最具突破性創新技術之列。



ASTRI was honoured to co-organise the GBA iForum cum Dinner 2026 in Nansha, Guangzhou, and showcased a pioneering Low-Altitude Economy technology.

應科院很榮幸協辦「大灣區（南沙）工商界高峰論壇暨交流晚宴2026」，並展出嶄新的低空經濟科技。

Building on the Past, Advancing Hong Kong's Future
承前啟後　共創香港未來



Mr Peter Kmec, the then Deputy Prime Minister of the Slovak Republic for the European Union Recovery Plan and the Knowledge Economy (left), led a delegation to ASTRI, where he was warmly received by Ir Prof Sunny Lee, Board Chairman of ASTRI (right). During the visit, ASTRI presented its latest advancements in cutting-edge technologies, ranging from digital twin solutions to C-V2X innovations.

主管歐盟基金及復蘇計劃的時任斯洛伐克共和國副總理彼得科麥茨（左）率領代表團到訪應科院，並由應科院董事局主席李惠光教授工程師及高層代表接待，介紹應科院在數字孿生及車聯網等領域的研究成果。

These awards attest to the international recognition of our research achievements and further reinforce ASTRI's position as a world-class innovation and technology institute. As Hong Kong's largest government-funded R&D centre, ASTRI will continue to drive the translation of research into impact and contribute to the innovation and technology development of Hong Kong and the nation.

On behalf of the Board, I would like to express my sincere appreciation to the HKSAR Government, our industry partners, academic and research collaborators, and the dedicated ASTRI team for their continued support and commitment. Having had the privilege of serving ASTRI as a member and Chairman of the Board of Directors for nearly 14 years, I have witnessed the remarkable growth of the Institute and its expanding contribution to society. Building on the strong foundation established over the past 25 years and strengthened through the merger with NAMI, I am confident that ASTRI will continue to advance innovation, create value through technology, and contribute to a more prosperous and sustainable future for Hong Kong and beyond.

這些獎項印證我們的科研成果已獲國際廣泛認可，進一步確立應科院世界級創新科技機構的地位。作為香港最大的政府資助研發機構，應科院將繼續推動科研成果轉化，為香港以至國家的創科發展藍圖作出更大貢獻。

最後，我謹代表董事局，衷心感謝香港特區政府、各合作夥伴、學術界和科研團隊一直以來的支持與投入。本人有幸在過去近14年擔任應科院董事局成員及主席，親身見證它的卓越發展，以及其對社會日益擴大的貢獻。建基於過去25年所奠定的堅實基礎，並透過與NAMI合併所進一步強化的科研實力，我深信應科院將繼續推動創新發展，以科技創造價值，並為香港以至更廣泛地區締造更繁榮、更可持續的未來。

CEO'S REPORT
行政總裁報告



Delivering Innovation at Scale
實現創科規模化

By combining research excellence with industry collaboration, ASTRI is accelerating the adoption of innovation and delivering technologies that create tangible value for industries, communities and society.

應科院致力把科研實力與產業合作緊密結合，推動創新成果落地應用，為產業、社區以致社會整體創造實質效益。

Ir Dr Ted Suen
MH
孫耀達博士工程師
榮譽勳章
Chief Executive Officer 行政總裁



Ir Dr Ted Suen, Chief Executive Officer of ASTRI hosted a meet-and-greet session on 1 April 2026 to officially welcome colleagues from NAMI to join the ASTRI family.

應科院行政總裁孫耀達博士工程師於2026年4月1日主持迎新會，正式歡迎NAMI的同事加入應科院大家庭。

Strong Execution, Sustained Momentum
務實執行　穩步增長

Fiscal year 2025/26 was a year of strong execution and fruitful results for ASTRI. As emerging technologies continue to reshape industries and create new opportunities for growth, we remained focused on developing applied research that addresses real-world challenges and supports the evolving needs of enterprises, public organisations and the wider community.

The year saw continued momentum across our research, commercialisation and business development activities. ASTRI initiated 46 new Innovation and Technology Fund projects, and undertook 39 contract research projects. Industry and other income accounted for 57.4% of total income, reflecting the significant contribution of industry partnerships and commercialisation activities to our overall operations.

應科院於2025/26財政年度，展現出強大的執行力，成果豐碩。隨著新興科技持續重塑各行各業，並創造新的發展機遇，我們始終專注於推動應用科研發展，致力以創新科技回應現實挑戰，支援企業、公營機構及社會大眾不斷演變的需求。

年內，應科院持續推進在科研、商業化和業務拓展方面的發展。我們新啟動了46個創新科技基金項目，並承接了39個合約研究項目。來自產業及其他來源的收入佔總收入的57.4%，充份展現了行業合作及商業化活動對我們整體運營的重要貢獻。



Throughout the year, Ir Dr Ted Suen, Chief Executive Officer of ASTRI, hosted a range of government officials and industry leaders from home and abroad to explore diverse collaboration opportunities.

年內，應科院行政總裁孫耀達工程博士接待了來自本港及海外的眾多政府官員及業界領袖，共探多元合作機遇。

Research Excellence Driving Real-World Impact
卓越研發　賦能產業

Our commitment to research excellence continued to earn recognition across multiple fronts. During the year, ASTRI secured 42 awards and generated 54 patents, reflecting the quality and impact of our innovation portfolio. These accomplishments are a testament to the professionalism and dedication of our research teams and reinforce ASTRI's reputation for delivering high-quality, industry-relevant technology solutions.

We further strengthened our position as a technology leader by co-publishing a white paper with the Insurance Authority on the adoption of federated learning technology in the insurance sector.

During the year, we translated our research capabilities into practical solutions across multiple sectors. Notable advancements included AI-powered regulatory compliance and document verification platforms for financial services, intelligent cybersecurity solutions for SMEs, advanced semiconductor metrology technologies, smart energy solutions supporting electric vehicle charging infrastructure, and digital health innovations for patient monitoring. We also promoted the deployment of intelligent sensing technologies, 5G communications solutions and precision robotics applications that help organisations improve productivity, operational efficiency and resilience.

我們對科研卓越的堅持持續獲得各界肯定。年內，應科院共獲頒42個獎項，並新增54項專利，充份彰顯我們創新研發成果的質量與影響力。這些成就不僅印證了研發團隊的專業精神與不懈努力，亦進一步鞏固應科院作為提供高質量、切合產業需求創新科技方案的領先研發機構地位。

我們藉着與保險業監管局聯合發表有關保險業應用聯盟式學習技術的白皮書，進一步鞏固應科院作為科技領導者的地位。

在應用轉化方面，我們將科研實力落實於多個領域。重點成果包括：為金融行業研發的人工智能監管合規與文件驗證平台、面向中小企業的智慧網絡安全方案、先進的半導體測量技術、支援電動車充電基建的智慧能源方案，以及用於患者監測的數碼健康創新。同時，我們持續推廣智能感測技術、5G通訊方案與高精度機器人應用，幫助企業提升生產力、營運效率與韌性。



Ir Dr Ted Suen, Chief Executive Officer of ASTRI (second from left), led a delegation to Singapore to explore partnerships and deepen collaboration. The delegation visited the Advanced Remanufacturing and Technology Centre to explore collaboration opportunities in 5G, robotics, net-zero technologies, and next-generation manufacturing applications.

應科院行政總裁孫耀達博士工程師（左二）率領代表團前往新加坡，旨在締結新夥伴及深化合作關係。代表團到訪先進再製造與技術中心，探討雙方在5G、機器人技術、淨零排放技術及新一代製造應用等領域的合作機遇。

Promoting "Industry-Academia-Research" is the key to our success. In healthcare, our collaboration with Pok Oi Hospital supported the development of brand new technologies for what is set to become Hong Kong's largest smart care home for elderly, demonstrating how innovation can enhance elderly care and improve quality of life. Internationally, our partnership with the Slovak Academy of Sciences created new opportunities for joint research, talent exchange and technology collaboration, further strengthening ASTRI's international research network. Together with our collaborations across government, industry and academia, these partnerships ensure that our research remains relevant and closely aligned with real-world needs.

推動產學研合作是我們成功的關鍵。在醫療健康方面，我們與博愛醫院合作，開發嶄新技術，合力籌建香港最大的智能安老院舍，展示創新技術如何提升長者照護效率和品質。在國際合作方面，我們與斯洛伐克科學院建立夥伴關係，開拓聯合研究、人才交流與技術合作的新機遇，進一步擴展應科院的國際科研網絡。此外，我們與政府、產業界及學術界的廣泛合作，確保科研緊貼實際需求，持續創造價值。



A delegation led by **Mr Zhu Min**, Chairman of the Suzhou Municipal Committee of the Chinese People's Political Consultative Conference (CPPCC), visited ASTRI to exchange views on innovation and technology (I&T) development and research commercialisation.

蘇州市政協主席**朱民**先生率團到訪應科院，與團隊就創新科技及成果轉化交流。

We also continued to expand our engagement across Chinese Mainland, particularly within the Greater Bay Area, Yangtze River Delta and Beijing. By strengthening relationships with enterprises, research institutions and ecosystem partners, we opened the pathways for technology transfer and market adoption, creating new opportunities for Hong Kong-developed technologies to reach broader markets and industries.

我們也積極拓展中國內地市場，重點布局大灣區、長三角及北京地區。通過加強與企業、科研機構及生態系統合作夥伴的聯繫，我們打通技術轉移及市場應用的渠道，為香港的科研成果開拓更廣闊的市場和產業空間。

25 Years of Innovation, A New Era of Capability
創新廿五載　開創新時代

The year was especially meaningful as ASTRI celebrated its 25th anniversary under the theme "Tech for Everyone". Through industry events, community initiatives and stakeholder engagement activities, we highlighted the positive impact that innovation and technology can create for society while recognising the contributions of the people and partners who have supported ASTRI's journey over the past quarter century.

Fiscal year 2025/26 was also a significant year of preparation for the merger of ASTRI and NAMI. Throughout the year, teams from both organisations worked closely to align capabilities and operations, laying a strong foundation for the combined institute. The merger enabled ASTRI to accelerate its "AI+" progress by seamlessly integrating AI with diverse ICT and advanced materials technologies in R&D, providing clients with complete end-to-end solutions. This broader expertise will enable us to better address complex industry challenges and deliver more integrated and visionary solutions that meet the evolving needs of our clients and partners.

As we look ahead, ASTRI remains committed to advancing applied research, accelerating commercialisation and strengthening collaboration. Supported by our professional team and trusted partners, we will continue delivering innovations that enhance competitiveness, support industry transformation and create lasting value for Hong Kong and beyond.

2025年對應科院而言別具意義，我們以「科技惠民」為主題慶祝成立25周年。透過舉辦業界活動、社區項目及持份者交流活動，我們展示了創新與科技為社會帶來的正面影響，同時向過去四份一世紀以來一直支持應科院發展的各界夥伴及同仁致以衷心謝意，肯定他們所作出的寶貴貢獻。

2025/26財政年度也是應科院與NAMI籌備合併的重要一年。兩院團隊緊密合作，協調研發領域與營運流程，為合併後的發展奠定了扎實的基礎。合併後，應科院推進「人工智能+」的科研應用，以人工智能加上各類資訊通訊技術、先進材料科技，為客戶提供「端對端」解決方案。藉着更廣泛的科研領域，使我們具備更佳能力應對產業面對的複雜挑戰，提供更全面、更具前瞻性的解決方案，滿足客戶與合作夥伴變化不斷的需求。

展望未來，應科院將繼續推動應用研究，加快商業化進程，深化合作夥伴關係。在專業團隊和可靠夥伴的支持下，我們將不斷推出創新科研成果，助力產業提升競爭力及升級轉型，長遠為香港以至其他地區創造高經濟增長。

MANAGEMENT TEAM
管治團隊

ASTRI is headed by the Chief Executive Officer who is responsible for the institute's overall management. He is assisted by the Chief Technology Officer, Chief Operating Officer and Chief Financial Officer as well as other senior executives, for overseeing research and development, business development, technology transfer, marketing and corporate communications, human resources, finance and administration.

應科院由行政總裁領導，負責整體管理工作，並在首席科技官、首席營運官、首席財務官和其他高級行政人員協助下監督科技研發工作，以及管理業務發展、技術轉移、推廣傳訊、人事、財務、行政等事宜。



As of 31 October 2026
截至2026年10月31日

C-Suite 領導層

Ir Dr Ted Suen
孫耀達博士工程師
Chief Executive Officer
行政總裁

Ms Cammy Yung
容慧琪女士
Chief Financial Officer
首席財務官

Ms Jenny Yiu
姚惠嫻女士
Chief Operating Officer
首席營運官

Dr Ying Huang
黃瑩博士
Chief Technology Officer
首席科技官

Dr Tracy Liu
劉晨敏博士
Deputy Chief Technology Officer
副首席科技官



Senior Executives 高級行政人員

Ms Iris Chan
陳穎女士

Senior Director,
Human Resources
人力資源高級總監

Ms Eudora Hsi
席行易女士

Chief Counsel, Legal
首席法律顧問

Mr Angus Cheung
張展華先生

Head of Corporate Secretariat
公司秘書處主管

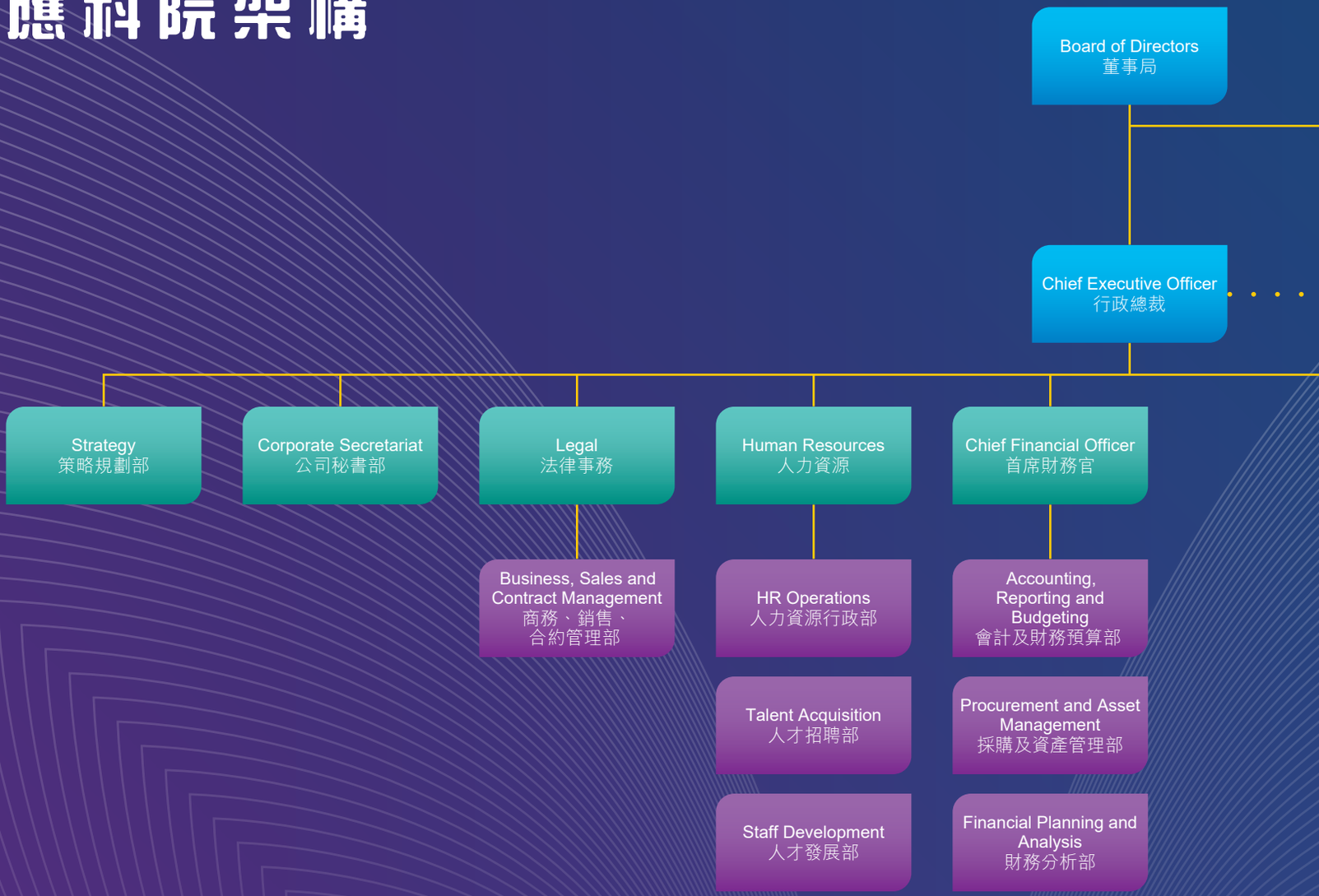
Ms Vincentia Wong
王穎思女士

Head of Internal Audit
內部審計主管

Back row from left:
後排左起：
Ms Vincentia Wong, Ms Eudora Hsi, Dr Ying Huang, Dr Tracy Liu, Ms Iris Chan, Mr Angus Cheung
王穎思女士、席行易女士、黃瑩博士、劉晨敏博士、陳穎女士、張展華先生

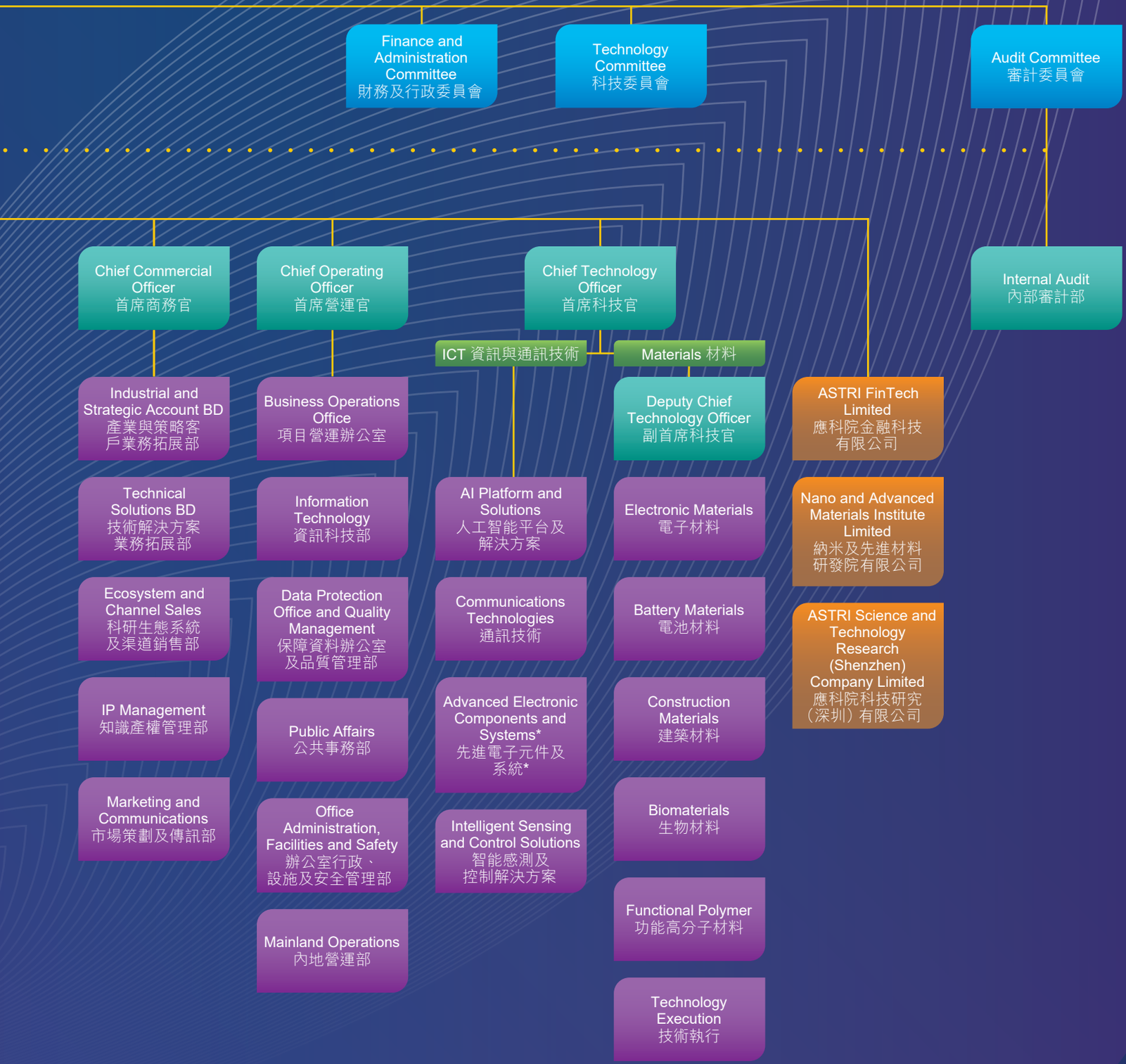
Front row from left:
前排左起：
Ms Jenny Yiu, Ir Dr Ted Suen, Ms Cammy Yung
姚惠嫻女士、孫耀達博士工程師、容慧琪女士

ORGANISATION STRUCTURE
應科院架構



The organisational structure is effective from 1 April 2026.
組織架構自2026年4月1日起生效。

* The Hong Kong Branch of National Engineering Research Centre for Application Specific Integrated Circuit System (CNERC) operates within the infrastructure of ASTRI.
* 國家專用集成電路系統工程技術研究中心香港分中心依托應科院設立。


Finance and Administration Committee
財務及行政委員會
Technology Committee
科技委員會
Audit Committee
審計委員會
Chief Commercial Officer
首席商務官
Chief Operating Officer
首席營運官
Chief Technology Officer
首席科技官
Internal Audit
內部審計部
ICT 資訊與通訊技術
Materials 材料
Industrial and Strategic Account BD
產業與策略客戶業務拓展部
Technical Solutions BD
技術解決方案業務拓展部
Ecosystem and Channel Sales
科研生態系統及渠道銷售部
IP Management
知識產權管理部
Marketing and Communications
市場策劃及傳訊部
Business Operations Office
項目營運辦公室
Information Technology
資訊科技部
Data Protection Office and Quality Management
保障資料辦公室及品質管理部
Public Affairs
公共事務部
Office Administration, Facilities and Safety
辦公室行政、設施及安全管理部
Mainland Operations
內地營運部
AI Platform and Solutions
人工智能平台及解決方案
Communications Technologies
通訊技術
Advanced Electronic Components and Systems*
先進電子元件及系統*
Intelligent Sensing and Control Solutions
智能感測及控制解決方案
Deputy Chief Technology Officer
副首席科技官
Electronic Materials
電子材料
Battery Materials
電池材料
Construction Materials
建築材料
Biomaterials
生物材料
Functional Polymer
功能高分子材料
Technology Execution
技術執行
ASTRI FinTech Limited
應科院金融科技有限公司
Nano and Advanced Materials Institute Limited
納米及先進材料研發院有限公司
ASTRI Science and Technology Research (Shenzhen) Company Limited
應科院科技研究（深圳）有限公司

TECHNOLOGY DIVISION HEADS
研發部門領導



From left to right: Dr Priscilla Chan, Senior Director, Biomaterials; Dr Ellie Fu, Senior Director, Electronic Materials; Dr Lu Shengbo, Director, Battery Materials; Mr Kenny Chan, Chief Director, Intelligent Sensing and Control Solutions; Dr Daniel Shi, Vice President, Advanced Electronic Components and Systems; Dr Ying Huang, Chief Technology Officer; Dr Tracy Liu, Deputy Chief Technology Officer; Dr Michael Chia, Chief Director, Communications Technologies; Dr Wu Yanmin, Director, Construction Materials; Dr Frank Zhu, Director, Functional Polymer; Dr Li Jifan, Director, Functional Polymer

從左到右：生物材料高級總監陳詠敏博士、電子材料高級總監傅麗博士、電池材料總監路胜博博士、智能感測及控制解決方案首席總監陳建龍先生、先進電子元件及系統副總裁史訓清博士、首席科技官黃瑩博士、副首席科技官劉晨敏博士、通訊技術首席總監謝潤華博士、建築材料總監武延民博士、功能高分子材料總監朱勇博士、功能高分子材料總監李基凡博士。

Information and Communications Technology
資訊及通訊技術

Dr Ying Huang
黃瑩博士
Chief Technology Officer, Acting Head, Artificial Intelligence Platform and Solutions
首席科技官
人工智能平台及解決方案署理主管

Dr Daniel Shi
史訓清博士
Vice President, Advanced Electronic Components and Systems
先進電子元件及系統副總裁

Dr Michael Chia
謝潤華博士
Chief Director, Communications Technologies
通訊技術首席總監

Mr Kenny Chan
陳建龍先生
Chief Director, Intelligent Sensing and Control Solutions
智能感測及控制解決方案首席總監

Advanced Materials
先進材料

Dr Tracy Liu
劉晨敏博士
Deputy Chief Technology Officer
副首席科技官

Dr Priscilla Chan
陳詠敏博士
Senior Director, Biomaterials
生物材料高級總監

Dr Lu Shengbo
路胜博博士
Director, Battery Materials
電池材料總監

Dr Frank Zhu
朱勇博士
Director, Functional Polymer
功能高分子材料總監

Dr Ellie Fu
傅麗博士
Senior Director, Electronic Materials
電子材料高級總監

Dr Wu Yanmin
武延民博士
Director, Construction Materials
建築材料總監

Dr Li Jifan
李基凡博士
Director, Functional Polymer
功能高分子材料總監

Effective from 1 April 2026
自2026年4月1日起生效

Nine Technology Divisions
九大技術部門

ASTRI conducts high-quality R&D for technological applications designed to meet industry needs. Our core R&D competences across various areas are organised under nine Technology Divisions:

應科院研發適合應用於業界的高質素技術項目。應科院的主要科技研發領域可歸納於九個技術部門：

ICT 資訊與通訊技術

- AI Platform and Solutions
  人工智能平台及解決方案
- Communications Technologies
  通訊技術
- Advanced Electronic Components and Systems
  先進電子元件及系統
- Intelligent Sensing and Control Solutions
  智能感測及控制解決方案

Materials 材料

- Electronic Materials
  電子材料
- Battery Materials
  電池材料
- Construction Materials
  建築材料
- Biomaterials
  生物材料
- Functional Polymer
  功能高分子材料

Technology Commercialisation
技術商業化

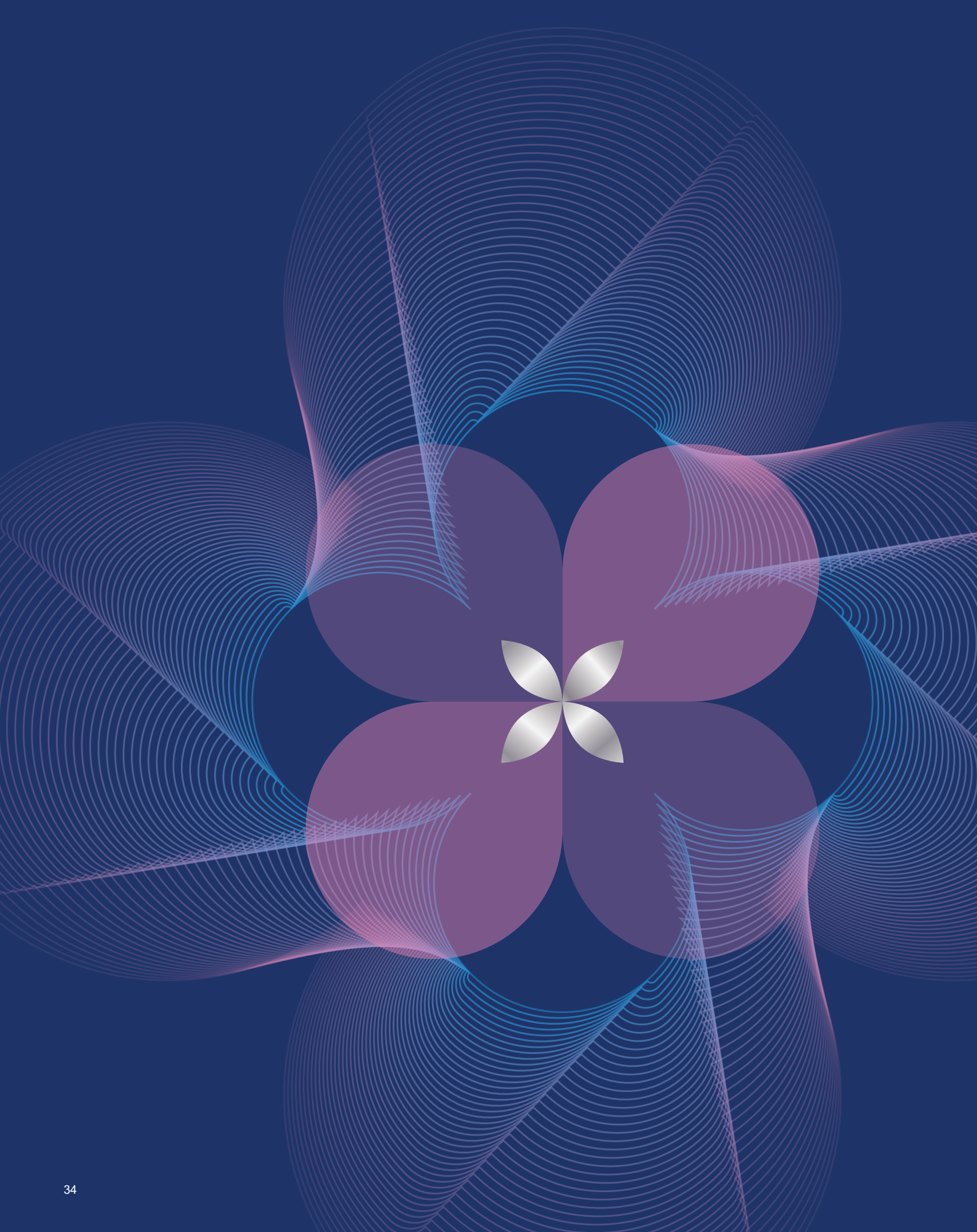
ASTRI is committed to delivering world-class innovation to establish Hong Kong as a premier innovation and technology hub. We develop technologies that can be transferred, commercialised and adopted across industries.

ASTRI's technological strengths and capabilities enable AI-powered, cross-disciplinary ICT and advanced materials solutions across seven core application areas:

應科院致力研發世界一流的創新技術，協助香港發展成為首屈一指的創新科技樞紐。我們開發的技術可以轉移、商業化並在各行各業廣泛應用。

應科院具備技術優勢和實力，提供由人工智能驅動的跨學科資訊及通訊科技與先進材料解決方案，惠及七個核心科研領域：

- Smart City
  智慧城市
- FinTech
  金融科技
- New Energy and Energy Storage
  新能源與儲能
- Green and ESG Technologies
  綠色與永續發展科技
- Digital Health and Life Sciences
  數碼健康與生命科學
- Application-Specific Integrated Circuits (ASIC) and Advanced Electronics
  專用集成電路及先進電子
- New Industrialisation and Intelligent Manufacturing
  新型工業化及智能製造



WHAT WE DO

我們的工作

ASTRI's vision is to enhance Hong Kong's competitiveness in technology-based industries through applied research.

Our mission encompasses five key objectives: to conduct relevant and high-quality research and development for transfer to industry; to encourage collaboration among government, industry, academia and research institutions; to foster wider adoption of innovation and technology (I&T); to nurture Hong Kong's I&T talent; and to promote Hong Kong's I&T advantages.

In 2025/26, ASTRI pioneered breakthrough discoveries and forged strategic partnerships that are transforming our city, revitalising our economy, and building a stronger collective future. This chapter highlights selected technological advancements among many of our key R&D achievements.

應科院的願景是透過應用科技研究，提升香港科技產業的競爭力。

我們的使命涵蓋五大目標，包括進行相關及高質素的科技研發工作，並把科研成果轉移給不同產業應用；鼓勵「政產學研」合作；推動更廣泛應用創新科技；培育香港創科人才；以及推廣香港創科優勢。

在**2025/26**年度，應科院帶領創新突破，建立新夥伴關係，從而推動香港城市轉型，振興經濟，為我們創建更美好的未來。本章節重點介紹眾多關鍵研究中部份取得重大技術突破的科研成果。

PEDF
光儲直柔

The PV-ESS Assisted EV Charging Station with AI-Driven Energy Management

基於AI智慧能源管理系統的光伏儲能協同電動汽車充電站

As electric vehicle (EV) adoption grows in Hong Kong, expanding charging infrastructure remains a key challenge. Conventional charging systems also suffer energy losses and lower efficiency because electricity is repeatedly converted between alternating current (AC) and direct current (DC).

隨着電動汽車在香港日漸普及，擴充充電設施仍是關鍵挑戰。傳統充電系統因為電力在交流電與直流電之間反覆轉換，造成能量損耗，效率較低。



To address these issues, ASTRI has developed the PV-ESS Assisted EV Charging Station, an AI-driven energy management solution that integrates photovoltaics (PV), energy storage systems (ESS) and DC-based architecture. By generating and storing renewable energy on-site, the system reduces reliance on the public grid, lowers carbon emissions and can be deployed quickly without costly grid upgrades, making it particularly suitable for locations with limited infrastructure.

The station's DC-focused design minimises power loss by eliminating up to three stages of AC-DC conversion, which typically cause 2-5% loss each, resulting in overall efficiency improvements of 5-15% and lower costs. At the core of this innovation are five key elements working together: high-efficiency solar panels, integrated battery storage, Vehicle-to-Grid (V2G) technology that turns parked EVs into energy assets, ultra-efficient DC lighting, and an AI-powered engine that optimises energy generation, storage, and distribution.

Promising Results from Real-World Trials

The technology has moved beyond laboratory testing and is now being tested in real-world conditions. In partnership with **RENOPI**, a new energy company, ASTRI is testing the system at an outdoor private car park in Yuen Long, validating its technical effectiveness and practical benefits. The architecture's potential extends beyond EV charging, offering reliable power solutions for seawater desalination plants, offices, and schools – anywhere consistent power is needed without heavy grid investments. This innovative work was recognised with a Certificate of Innovation Achievement at the 2025 Hong Kong Innovation and Technology Award and Showcases.

為應對這些問題，應科院研發了光伏儲能協同電動汽車充電站。這是一套由人工智能驅動的能源管理方案，融合光伏發電、儲能系統及直流電架構。系統在現場即時產生並儲存可再生能源，降低對公共電網的依賴、減少碳排放，並能快速部署，毋需高昂的電網升級，非常適合基礎設施較為有限的地點使用。

充電站以直流供電為主要設計，最多可省卻三級交流－直流轉換（每一級通常造成2%至5%損耗），整體效率因而提升5%至15%，成本亦隨之降低。這項創新由五大元素協同運作：高效太陽能板、一體化電池儲能、將停泊電動汽車轉化為能源資產的車輛至電網技術、超高效直流照明，以及優化能源產生、儲存與分配的人工智能引擎。

實地試驗成果令人鼓舞

這項技術已從實驗室走向實際應用，並在真實環境中進行測試。應科院與新能源公司「**立能派**」合作，於元朗一個戶外私人停車場進行系統測試，驗證技術可行性及實際效益。這套架構的應用潛力不僅僅限於電動汽車充電，還能為海水淡化廠、辦公樓及學校等需要穩定電力、但又不宜大規模投資電網的場所提供可靠電力。這項技術榮獲「2025香港創新發明大獎及展覽」創新成就獎。

Partner Voices 夥伴心聲

We chose to collaborate with ASTRI primarily because of its strong technical expertise in photovoltaic-storage-direct-current-flexible (PEDF) systems and SiC power modules, which effectively bridged critical technology gaps in the productisation of our high-voltage energy storage equipment.

Throughout the collaboration, the ASTRI team successfully advanced the integrated photovoltaic and energy storage system from the R&D concept stage to mass production. They also completed the transfer of product development documentation and manufacturing process technologies, enabling us to establish in-house production capabilities and quality control systems.

ASTRI's support significantly shortened our time-to-market while reducing the risks associated with upfront R&D investment, delivering tangible benefits to our business expansion efforts. Overall, we highly commend ASTRI's professional expertise and collaborative approach. We are pleased to recommend ASTRI to companies seeking to develop smart energy and energy storage solutions, and we look forward to jointly advancing the industrialisation of green technologies.

我們選擇與應科院合作，主要是看重其在光儲直柔系統與SiC功率模組領域的深厚技術實力，能夠有效補足我們在高壓儲能設備產品化階段的關鍵技術缺口。

合作過程中，應科院團隊成功將光伏儲能一體機從研發概念推進至量產階段，並完整移轉產品開發檔與制程技術，使我們具備自主生產與品質管控的能力。

應科院協助我們顯著縮短產品上市時程，同時降低前期研發投入風險，對業務拓展帶來實質助益。整體而言，我們對應科院的專業能力與協作態度給予高度肯定，並樂於推薦有意佈局智慧能源與儲能設備的企業與應科院合作，共同推動綠色技術的產業化發展。

Xiao Hao Jimmy LIN 林曉浩
Vice President 副總裁
RENOPI (Hongkong) Energy Technology Co., Limited 立能派（香港）能源科技有限公司



Edge AI Computing
端側AI計算

Hardware Platform for On-Device Intelligent Speech Recognition
智能語音識別硬體平台

Voice assistants typically rely on cloud-based speech processing, which performs well when an internet connection is available. While offline alternatives exist, most can recognise only a limited set of predefined keywords. Running more advanced AI models locally requires substantial computing resources and energy.

語音助理一般依賴雲端語音處理，在有互聯網連線時運作理想。離線方案雖然存在，但大多只能識別有限的預設關鍵詞。若要本地運行更先進的人工智能模型，則需要較多運算資源和電量。

In order to address these challenges, ASTRI is committed to developing a proprietary application-specific integrated circuit (ASIC) platform that performs speech recognition entirely on the device. Building on the previous work in AI acceleration for computer vision, ASTRI expanded into on-device speech processing in 2025/26. Researchers compressed advanced recognition models to run within the limited computing and memory resources of edge devices, while maintaining high accuracy. The platform can recognise sentences of any length, process continuous speech in real time, and is supported by a complete in-house software toolchain for compilation and runtime.

Because all processing takes place on the device, speech data remains private and responses are delivered instantly. Through software-hardware co-design, the ASIC processes speech more efficiently than conventional edge processors such as GPUs. This enables smaller, cooler, and longer-lasting devices. The chip is also designed to integrate easily with the processor architectures commonly used by manufacturers.

From Lab to Industry

ASTRI's platform developed through a close collaboration with **C*Core**, a Suzhou-based chip company specialising in CPU processors and AI accelerator technologies. Leveraging our joint lab framework, co-research and scenario adaptation transformed frontline NPU research into a core foundation for AI chip industrialisation, successfully bridging the leap from lab to industrial deployment.

This technology is well suited for applications that require hands-free operation and offline voice processing. Potential use cases include vehicle cabins, robotics, smart glasses, wearable devices, and smart home products. It is also ideal for environments where connectivity is limited or data privacy is critical, such as medical monitoring and offline transcription. Supporting both Chinese and English, the platform brings advanced offline voice intelligence to a broader range of users and applications.

應科院致力於研發具自主知識產權的專用集成電路硬體平台，以應對上述挑戰，實現終端智能語音識別部署。延續早前在視覺人工智能加速方面的工作，應科院於2025/26年度把研究範圍擴展至端側語音處理。科研人員把先進語音識別模型壓縮至適合在終端裝置有限的運算及記憶體資源上運行，同時保持高準確度。該平台可識別任意長度的句子、實時處理連續語音，並配備完整的自研軟件工具鏈，實現編譯及運行。

由於所有處理均在裝置端完成，語音數據得以保障私隱，回應亦能即時傳送。透過軟硬協同設計，這款專用集成電路在語音處理效率上優於傳統的GPU等終端處理器，讓裝置更小巧、散熱更快、更耐用。芯片設計也便於與廠商常用的處理器集成。

從實驗室構想到產業落地

這套平台依託與蘇州芯片公司「**蘇州國芯**」的深化協同。蘇州國芯聚焦於自主可控的CPU技術研發，並深耕AI加速器技術。雙方依託聯合實驗室合作框架，持續深化技術共研與場景適配，將NPU前沿研究成功轉化為賦能AI芯片產業化的核心技術底座，實現了從實驗室到產業落地的關鍵跨越。

這項技術適用於需要免提操作和離線語音處理的應用場景，包括智能座艙、機器人、智能眼鏡、可穿戴裝置及智能家居產品；同時也適用於連線有限或數據私隱至關重要的環境，如醫療監測及離線語音轉文字。平台支援中文和英文，將先進的離線語音智能帶給更廣泛的用戶應用。

Partner Voices 夥伴心聲

In recent years, C*Core Technology has been driving the integration of RISC-V CPUs, AI NPUs and security technologies to build a unified intelligent computing foundation across endpoints, edge and cloud. We chose to partner with ASTRI not only for their deep expertise and forward-looking research and development in neural network processors, but also for our shared commitment to advancing homegrown AI capabilities. Building on successful technology transfer and research collaboration, we strengthened our high-end AI inference portfolio and accelerated both product rollout and market expansion of AI chips. The ASTRI team is professional, efficient, and pragmatic, a trusted and innovative partner we truly value. We look forward to deepening our collaboration and contributing together to the growth of our country's integrated circuit industry.

國芯科技近年聚焦RISC-V CPU、AI NPU 與安全技術融合方向，致力打造自主可控的端邊雲智能計算底座。選擇與香港應科院合作，正是看重其在神經網絡處理器領域的深厚技術積累與前沿研發能力，以及雙方推動國產AI技術自主可控的高度共識。合作以來，雙方基於成功的技術轉讓與科研協同，有效補齊了公司高端AI推理IP技術短板，加快了AI芯片產品佈局與市場拓展節奏。應科院團隊專業高效、務實規範，合作順暢，是值得信賴的創新合作夥伴。我高度認可雙方合作價值，期待未來持續深化合作，助力國家集成電路產業高質量發展。

Zheng Jiang 鄭芷
Chairman 董事長
C*Core Technology Co., Ltd.蘇州國芯科技股份有限公司

5G-SAT

Seamlessly Integrating 5G with Satellite Services

無縫整合5G通訊技術與衛星服務



Integrating 5G networks with satellite communications presents significant technical challenges. This requires real-time processing of complex signals, compatibility across diverse hardware platforms, compliance with rigorous industry standards, and support for both geostationary Earth orbit (GEO) and low Earth orbit (LEO) satellite systems. These requirements make development and deployment substantially more complex and challenging for equipment manufacturers.

整合5G網絡與衛星通訊面臨重大技術挑戰。這需要實時處理複雜訊號、確保不同硬件平台之間的兼容性、符合嚴格的行業標準，並支援地球靜止軌道及低地球軌道衛星系統。上述要求大幅增加設備製造商在開發及部署方面的複雜性與困難。

ASTRI addresses these challenges through 5G-SAT, a highly customisable 5G New Radio (NR) physical-layer solution for base stations and terminals. Based on 3GPP 5G NR specifications, 5G-SAT provides the baseband functions required for radio transmission and reception, including signal processing, synchronisation, modulation and demodulation, and channel coding and decoding. The solution is designed to support integration with satellite communication systems and can be adapted to different radio access network (RAN) architectures, including private network deployments. It also builds on ASTRI's extensive experience in 4G and 5G research, development and commercialisation, and has been validated through field trials.

A key advantage of 5G-SAT is its hardware flexibility. The solution can be ported across a range of hardware platforms, including commercially available chipsets as well as platforms based on central processing units (CPUs) and field-programmable gate arrays (FPGAs). This enables manufacturers to align deployments with their preferred hardware ecosystems while supporting supply-chain resilience. Each deployment undergoes comprehensive testing, achieving interoperability, smooth integration and standards compliance.

應科院推出5G-SAT應對上述挑戰，這是一套高度客製化的5G新無線電實體層方案，適用於網絡基站及終端設備。5G-SAT建基於3GPP 5G NR標準規範，提供無線訊號發射與接收所需的基頻功能，包括訊號處理、同步、調變與解調，以及通道編碼與解碼。該方案旨在支援與衛星通訊系統的整合，並可配合不同無線接取網絡架構，包括私人網絡部署。同時，方案亦充分展現了應科院在4G與5G研發及商品化方面的深厚經驗，並已通過實地試驗驗證。

5G-SAT的主要優勢在於硬件靈活性。方案可移植於多種硬件平台，包括通用商用晶片組，以及基於中央處理器及現場可編程閘陣列的平台架構。此設計讓製造商能按其偏好的硬件生態部署方案，同時提升供應鏈韌性。每次部署均經全面測試，達成互聯互通、順暢整合及標準合規。



Extending Connectivity Beyond Terrestrial Networks

5G-SAT enables seamless integration of terrestrial 5G networks with satellite communications through 3GPP-defined Non-Terrestrial Network (NTN) standards. This delivers reliable connectivity in remote areas, maritime environments and disaster affected regions, where terrestrial network infrastructure may be unavailable, damaged or economically unviable to deploy. The platform also supports the development, testing and deployment of private network solutions, while providing a testbed for 5G-Advanced feature evaluation and emerging 6G technology research.

Through its collaboration with **SageRAN**, a mobile technology company providing innovative wireless access solutions, ASTRI is translating this research into real-world applications. ASTRI's invention, a method enabling 5G phones to connect instantly to satellites through novel phase estimation and compensation techniques, received a Gold Medal at the 51st International Exhibition of Inventions Geneva in March 2026, reflecting Hong Kong's growing research strength in the convergence of satellite and terrestrial communications.

拓展連接能力至地面網絡以外

5G-SAT透過第三代合作夥伴計劃制定非地面網絡標準，讓地面5G與衛星通訊實現無縫整合。此技術為偏遠地區、海事環境及災區等傳統網絡基建不足、受損或經濟上不宜部署的地方，提供可靠的連線服務。平台亦支援私有網絡解決方案的開發、測試及部署，並為5G-Advanced功能演進及未來6G應用研發奠定基礎。

應科院與無線接取方案供應商「**世炬網絡**」合作，將科研成果轉化為實際應用。其發明透過新穎的相位估算與補償技術，讓5G手機能即時連接衛星，於2026年3月舉行的第51屆日內瓦國際發明展中榮獲金獎，充分展現香港在衛星與地面通訊融合領域日益增強的科研實力。

5G Cloud Robotics with Precise Positioning for Intelligent Manufacturing
智能製造的精準定位：5G雲端機械人

Industrial robots rely on precise positioning to navigate safely and perform tasks accurately. However, satellite-based positioning is often challenging indoors, while conventional alternatives such as ultra-wideband beacons require extensive and costly infrastructure. Factories also need connectivity to support the operation of robots across large and complex environments.

工業機器人有賴精準定位，才能安全導航和準確執行任務。然而，衛星定位在室內環境中往往難以使用，傳統的超寬頻定位裝置等替代方案則需要大規模且成本高昂的基礎設施。同時，工廠內也需要穩定的連線支援，讓機械人在廣闊且複雜的環境中順利運作。

ASTRI's 5G Cloud Robotics System addresses these challenges by leveraging the existing factory network. Combining 5G connectivity with 5G+ sensor fusion positioning, it enables real-time data exchange between robots and the cloud with ultra-fast, low-latency communication. By integrating 5G and multiple sensors, the system achieves centimetre-level positioning accuracy within a defined range, supports non-line-of-sight operation, and provides robots with 360-degree awareness without blind spots in both indoor and outdoor environments. The system also allows computationally intensive tasks to be handled at the network edge or in the cloud, reducing the need for onboard processing power and storage for real-time remote operation.

As 5G becomes increasingly common in modern manufacturing facilities, this system can be deployed and scaled easily without additional positioning hardware. This helps manufacturers improve operational efficiency while preparing for future advancements. As 5G positioning capabilities continue to evolve, the technology is moving towards seamless indoor and outdoor positioning based solely on the communication network.

應科院的5G雲端機械人系統，善用廠房現有的網絡資源來應對這些挑戰。系統結合5G連接和5G+感測器融合定位，讓機械人與雲端以超高速、低延時通訊實時交換數據。透過融合5G及多種感測器，系統在指定範圍內可達釐米級準確度，支援在遮擋環境下運作，並為機械人提供室內外360度、無盲點的感知能力。運算密集的任務亦可交由網絡邊緣或雲端處理，降低機載運算和存儲負擔，實現實時遙距操控。

隨着5G在現代生產設施日漸普及，這套系統毋須額外定位硬件即可輕鬆部署及擴展，協助廠商提升營運效率，並為未來發展作好準備。隨着5G定位能力持續演進，技術正邁向單靠通訊網絡即可實現室內外無縫定位。

Forklifts for the AI Age

ASTRI's technology already powers 5G-enabled smart forklifts, transforming conventional industrial vehicles into fully autonomous systems. Using real-time positioning, navigation and fleet coordination, the system enables multiple forklifts to operate safely and efficiently within factory environments, while a central control platform oversees operations.

Developed in collaboration with partners including **AGRANDTECH**, **Wanhuang Intelligent Equipment**, and **Baicells Technology**, the solution is suitable for manufacturing plants, industrial parks, ports, logistics hubs, campus shuttles, and transport in mining and other confined sites. By automating material handling tasks, it improves productivity and helps reduce safety risks in hazardous working environments. The technology received a Gold Medal with Congratulations of the Jury at International Exhibition of Inventions Geneva.

人工智能時代的自動叉車

應科院的技術已經推動打造具備5G精確定位能力的自動叉車，將傳統工業車輛轉化為全自動系統。憑藉實時定位、導航及車隊協調，多部叉車可在廠房內安全高效運作，並由中央控制平台統籌。

這套方案與「**千通科技**」、「**萬皇智能裝備**」及「**佰才邦**」等夥伴共同開發，適用於工廠、工業園、港口、物流樞紐、園區穿梭巴士，以及礦場及其他封閉作業場景的運輸。透過自動化搬運物料技術，提升生產效率，並降低危險作業環境中的安全風險。這項技術於日內瓦國際發明展榮獲「評審團嘉許金獎」殊榮。



Omniguard
「御天譜」

All-Weather Multispectral Surveillance System
全天候多光譜監控系統

Coastlines are challenging to monitor. Small vessels made of wood, plastic or fibreglass can evade conventional radar systems, while standard cameras often struggle in darkness, fog and other low-visibility conditions. These limitations can create opportunities for illicit activities such as smuggling, illegal fishing and irregular migration.

海岸線監控並不容易。在黑暗、大霧或其他能見度低的環境下，普通攝影機難以偵測木製、塑膠或玻璃纖維的小型船隻，有機會因而未能成功攔截走私、非法捕魚和違規移民等不法活動。



ASTRI's Omniguard enhances coastal surveillance through advanced AI-powered imaging, transforming the surveillance which was previously limited by visibility and manual operations into an automated operation. The system combines three complementary imaging channels in a single unit: Visible RGB (Red, Green, Blue) for daytime clarity, Short-Wave Infrared (SWIR) to penetrate atmospheric haze and fog, and Long-Wave Infrared (LWIR) thermal imaging to detect vessels in darkness. Using edge AI hardware acceleration, Omniguard fuses data from these channels in real time, automatically selecting and combining the most effective imagery for prevailing conditions, whether dense fog, strong sea glare or complete darkness. The system delivers a full HD stream at 30 frames per second and can automatically detect and track targets travelling at speeds of up to 110 kilometres per hour.

應科院的「御天譜」系統，運用先進的人工智能影像技術，提升海岸監控的能力，將過去受制於能見度和人力操作的監控模式轉變為自動化運作。系統在單一裝置中融合三個光譜頻道：可見光RGB（紅、綠、藍）提供日間清晰畫面，短波紅外線穿透大氣霾霧，長波紅外線熱成像則在黑暗中偵測船隻。「御天譜」結合邊緣AI硬體加速技術，即時融合多光譜數據，因應濃霧、強烈海面反光或完全黑暗等現場環境，自動選取並合成最佳影像。系統每秒輸出30幀全高清畫面，並可自動偵測及追蹤時速高達110公里的目標。

Proven in operational environments

Omniguard has progressed from research and development to frontline deployment. Developed in collaboration with an HKSAR Government department, the project was sucessfully completed in 2025. It also received a Gold Award at the International Exhibition of Inventions Geneva in 2026.

Beyond coastal border surveillance, Omniguard can support maritime law enforcement, port and harbour security, and the protection of critical infrastructure such as offshore oil rigs and coastal power facilities. By providing reliable detection and early warning in all weather and lighting conditions, the system enables law enforcement departments to respond to potential threats more quickly and effectively.

在實際運作環境中的驗證

「御天譜」已從研發階段邁向前線部署。方案與香港特區政府部門合作開發，項目於2025年順利完成，並於2026年日內瓦國際發明展上榮獲金獎。

除海岸邊境監控外，「御天譜」還能支援海上執法、港口及海港保安，以及離岸油井、沿岸電力設施等重要基建的防護。系統在任何天氣及光線條件下提供可靠的偵測及預警，幫助執法部門更快速、更有效地應對潛在威脅。



SpeedSpec: Semiconductor Metrology System

「瞬譜」半導體檢測系統

As chips become increasingly complex, with advanced 3D packaging and stacked architectures, the tools used to inspect them must evolve accordingly. High-end 3D metrology systems capable of measuring these microscopic features have traditionally been supplied by only a handful of overseas companies. Demand for such systems far exceeds supply, creating a significant market gap. For the semiconductor industry, developing local capabilities in this area offers both strategic and commercial advantages.

隨着芯片日趨複雜，先進的立體封裝及疊層架構相繼出現，檢測工具亦須同步升級。能夠量度這些微觀特徵的先進立體測量系統，傳統上僅由少數海外公司供應，需求遠超供應，形成明顯的市場缺口。對半導體產業而言，在此領域建立本地能力具重要策略意義及商業價值。



To address this need, ASTRI began developing a next-generation high-end metrology and inspection system in 2025/26. Working with leading industry partners in Hong Kong and the Chinese Mainland, the Institute aims to provide an alternative that supports the growing local demand for advanced inspection technologies.

Built on ASTRI's proprietary line-scan confocal technology, SpeedSpec delivers highly accurate three-dimensional measurements of the microscopic features found in advanced chip packaging. It detects defects that may affect a chip's performance and reliability, while also inspecting subsurface structures through transparent materials and capturing information from multiple layers. Hardware-accelerated processing enables scanning speeds of over 10,000 lines per second, allowing manufacturers to identify the finest flaws without compromising production efficiency.

Building home-grown capabilities

SpeedSpec is already being applied in some of the most demanding areas of advanced manufacturing, including semiconductor wafer inspection, bump and through-silicon via (TSV) measurement, and redistribution layers (RDL) inspection. It supports comprehensive 3D inspection of complex chip packaging structures, as well as applications in Mini-LED and Micro-LED display manufacturing. It is also used for glass-wafer inspection, printed circuit board (PCB) deep-hole measurement and metalens characterisation.

The technology has been recognised at the International Exhibition of Inventions Geneva and the Hong Kong Awards for Industries. By developing a locally innovated alternative to replace traditionally imported high-end metrology and inspection systems, SpeedSpec strengthens Hong Kong's advanced manufacturing ecosystem and supports the broader development of semiconductor and microelectronics capabilities in the region.

應科院於2025/26年度研發新一代先進測量及檢測系統，並與香港及中國內地領先業界夥伴合作，提供替代方案，回應區內對先進檢測技術不斷增長的需求。

「瞬譜」建基於應科院自主研發的線掃描共焦成像技術，能對先進芯片封裝中的微觀特徵進行高精度三維量度。系統能偵測到可能影響芯片性能及可靠性的缺陷，亦能穿透透明物料檢查表層以下結構，並擷取多層資訊。硬體加速處理令掃描速度超過每秒10,000線，讓製造商能夠精確找出最細微的瑕疵，同時不影響生產效率。

打造本地科研實力

這個半導體檢測系統已應用於先進製造中要求最高的範疇，包括半導體晶圓檢測、凸塊及矽穿孔量度，以及重新佈線層檢測。系統支援複雜芯片封裝結構的全面三維檢測，亦應用於Mini-LED及Micro-LED顯示器製造，還涵蓋玻璃晶圓檢測、印刷電路板深孔測量及超構透鏡的特徵分析。

這項技術已在日內瓦國際發明展和香港工商業獎中獲得肯定。「瞬譜」以本地創新，取代傳統進口的高端計量及檢測系統，鞏固香港的先進製造生態圈，並推動區內半導體及微電子產業的更廣泛發展。

Partner Voices 夥伴心聲

The R&D team specialised in IoT Sensing at ASTRI has demonstrated solid technical capabilities in the R&D of spectral confocal sensors. Throughout the development process, both the software and hardware colleagues provided full support and guidance, actively cooperating to bring the technology into practical application. ASTRI's assistance is conducive to Supergold achieving tangible progress in the field of 3D measurement for semiconductors and precision devices, and it also helps local Hong Kong enterprises establish a foothold in semiconductor inspection and 3D packaging. ASTRI's spectral confocal technology has been validated to enable inspection of high-frequency circuit boards, precision electronic components, and multi-layer glass dielectric surfaces, as well as precision inspection of semiconductor wafer bumps and TSVs, and deep-hole inspection capabilities. It provides strong momentum for the development of the industry. We look forward to ASTRI continuing to provide Supergold with technical support and collaboration in more areas. We would like to express our sincere gratitude!

香港應科院物聯網感測團隊，在光譜共聚焦感測器研發方面，技術扎實，在研發過程中軟硬體同事都給與充分的支援和指導，積極配合技術進行落地。香港應科院的協助，有利於超淦在半導體以及精密器件的3D測量領域取得實質進展，並有助於香港本地企業在半導體檢測，3D封裝領域具有立足之地。應科院的光譜共聚焦技術經過驗證可以實現高頻電路板、精密電子元器件、多層玻璃介質表面的檢測、半導體晶圓bump、TSV的精密檢測，以及深孔檢測能力，對行業發展具有較好促進作用。期待應科院繼續為超淦提供更多領域的技術支援及合作。深表感謝！

Ken Chung 鍾建聰
CEO 行政總裁
Supergold Technology (Hong Kong) Co., Limited
超淦科技（香港）有限公司

Smart Tactile Sensing System for AI-enhanced Fruit Firmness & Ripeness Screening

應用於水果硬度及成熟度檢測的智能觸覺傳感系統

Determining fruit ripeness by hand can be inconsistent and may damage the fruit. Excessive pressure can cause bruising, while assessing firmness accurately across large volumes of produce is challenging even for experienced graders. As a result, growers, distributors, and retailers have long sought a reliable, non-destructive method for evaluating fruit quality and identifying the optimal harvest time.

以人手判斷水果成熟度，結果往往不一致，且容易損傷果實。用力過大且容易造成壓損，即使是經驗豐富的分級員也難以在大批量貨品中準確評估硬度。因此，種植者、分銷商及零售商一直尋求可靠且非破壞性的方法，評估水果品質並掌握最佳採收時機。

ASTRI's smart tactile sensing technology provides an accurate and non-invasive solution. Building on the Institute's earlier work in food quality assessment, the technology is available in two complementary forms: one designed for manual inspection and another for high speed fruit sorting lines.

The Smart Tactile Glove is a wearable tool for growers and retailers. Combining affordable 3D-printed components with high-precision pressure sensors, it costs only one percent of a traditional durometer while delivering accurate firmness measurements in as little as three seconds.

The second solution, the 2D Tactile Analyser, is designed for automated grading and sorting lines. It combines vision-based sensing with deep-learning AI to detect surface defects that may not be visible to the human eye and to predict fruit firmness from video frames in less than a second. Because firmness is estimated through imaging rather than mechanical probing, the system eliminates the need for costly mechanical actuators used in high-speed sorting lines.

應科院的智能觸覺傳感技術提供準確及非侵入的解決方案。該技術延續了研究院先前在食品品質評估方面的研究基礎，分為兩種互補的形態：一種用於手工檢查，另一種則用於高速分揀線。

「智能觸覺手套」是一款供種植者及零售商使用的可穿戴工具，整合低成本3D打印部件與高精度壓感傳感器，成本僅為傳統進口硬度計的百分之一。使用者只需輕握水果，三秒內即可獲得精確硬度讀數。

第二套方案「2D觸覺分析儀」專為自動化分級及分揀線而設。系統結合視覺式觸覺傳感與深度學習人工智能，偵測肉眼無法察覺的細微表面瑕疵，並可在少於一秒內從視像幀預測果實硬度。由於硬度由影像推算，毋需機械探針，系統省卻高速分揀線常用的昂貴機械驅動器。



Technology proven in commercial orchards

ASTRI's technology has already proven effective in real orchard environments. In 2025, the Institute deployed and trialled its prototype at the Pujiang Kiwifruit Planting Zone in Sichuan, the largest kiwifruit cultivation base in the Chinese Mainland. Working closely with local growers, the team conducted on-site fruit firmness assessments under actual operation conditions.

The successful trial demonstrated both the accuracy and practicality of the technology in the field, paving the way for broader adoption across the agricultural supply chain. From orchards and storage facilities to packing houses and retail outlets, ASTRI's solutions can support more consistent and efficient fruit quality assessment. The Sichuan deployment also highlights ASTRI's commitment to translating research into real-world applications and advancing innovation in agri-food technologies across the Greater Bay Area and beyond.

商業果園應用　成效顯著

應科院技術已在真實果園環境中展現成效。2025年，我們在中國內地最大奇異果種植基地 — 四川蒲江奇異果種植區部署並試驗原型。團隊與當地種植者緊密合作，在實際作業條件下進行現場果實硬度評估。

試驗結果證明了技術在田間的準確性及實用性，為農業供應鏈的更廣泛應用奠定基礎。從果園、倉儲到包裝廠及零售點，應科院的技術方案均能支援更一致且高效的水果品質評估。在四川的應用測試展現了應科院將科研轉化為實際應用、並在大灣區以至更廣地域推動農業食品科技創新的決心。

AI RegWatch

AI Regulatory Compliance Checking Platform

AI監管合規審核平台

Financial institutions are continuously engaging with a dynamic landscape of regulatory updates from multiple authorities. While managing updates from multiple authorities is a complex task, the new technology from ASTRI makes it easier, faster, and more accurate to keep up with changes.

金融機構須持續應對來自多個監管機構的監管規定，且規定不斷更新。掌握這些資訊並及時應對，並非易事，但應科院的嶄新科技令這項工作變得更加輕鬆、快捷且準確。

ASTRI's AI RegWatch, launched this year, transforms this process into a seamless, automated experience. Using advanced natural language processing, large language models, and AI agent technology, the platform continuously monitors regulator websites in real time and consolidates publications in one central system. It automatically generates relevant topics, summaries, key highlights, and structured insights. Compliance teams can initiate remediation or implementation workflows directly from any article, track progress, and conduct instant gap analyses. Alerts notify teams of upcoming compliance deadlines, and management dashboards provide senior management with a clear overview of impact, risk, and compliance status across the organisation.

These innovations reduce manual effort, accelerate understanding of regulatory updates, promote better coordination across teams, and enhance governance and auditability in managing compliance.

Proven Success with a leading bank

Developed by ASTRI's dedicated AI Platform and Solutions division which specialises in analytics systems for regulators and compliance tools for financial institutions, AI RegWatch has demonstrated its value in real-world applications. In collaboration with **OCBC Bank (Hong Kong)**, the platform received a Merit Award in the AI+ in Business Award (Large Corporate) category of the AI+ Power Awards 2026. Its versatility supports compliance checking across banks, financial institutions, and insurance companies—helping organisations efficiently manage growing regulatory requirements.

Beyond advancing AI's role in everyday operations across Hong Kong's industries, this platform reinforces the city's position as a leading international financial centre. Reliable and compliant regulation is a cornerstone of Hong Kong's financial markets, and innovative technology solutions like AI RegWatch strengthen confidence and support sustainable growth in the financial sector.

應科院今年推出「AI監管合規審核平台」(AI RegWatch)，讓整個流程自動化。該平台運用先進的自然語言處理、大型語言模型及人工智能代理技術，能即時監察監管機構的網站，並將所有公告匯集於同一中央系統，自動產生相關主題、摘要、重點及條理清晰的分析。合規團隊可以直接對任何一篇文章啟動整改流程、跟進進度，並即時進行差距分析。系統還會在臨近合規期限發出提醒，管理儀表板則讓管理層清楚掌握更新對整體的影響、風險及合規狀況。

這些創新技術不僅減輕了人手負擔，加快了對監管更新的掌握，也促進了跨團隊的協作，並提升了合規管理的治理水平與審計能力。

領先銀行的成功實例

AI RegWatch由應科院人工智能平台及解決方案部門研發。該部門專責為監管機構開發分析系統，並為金融機構提供合規工具。平台已在實務應用中展現出其價值。應科院聯同**華僑銀行（香港）**，憑藉該平台於2026年「AI+ Power Awards」中榮獲「AI+商業應用獎（大型企業）」優異獎。該平台應用範圍廣泛，適用於銀行、金融機構及保險公司的合規檢查，協助他們有效應對日益嚴格的監管要求。

這個平台不僅推動人工智能技術融入香港各行各業的日常營運，也鞏固了香港作為國際金融中心的領先地位。穩健且合規的監管制度一直是香港金融的基石，而AI RegWatch等創新科技方案，有助於增強市場信心，促進金融業的可持續發展。



Partner Voices 夥伴心聲

ASTRI's regulatory intelligence platform has been a useful tool in supporting our bank's regulatory monitoring activities. Through automated horizon scanning and AI-assisted summaries of regulatory developments across multiple regulators, the platform has helped streamline information gathering and improve operational efficiency by connecting stakeholders across the organisation. Our staff remains central to the decision-making process. Our experience with the ASTRI team has been positive, with the team being responsive to feedback, supportive in resolving issues, and committed to the continuous enhancement of the platform. The partnership builds a foundation for our digital transformation journey and strengthened our confidence in adopting technology-enabled solutions.

應科院的監管合規審核平台，有效支援本行的監察工作。平台透過自動化前瞻掃描，以及由人工智能輔助彙整來自多個監管機構的監管動態摘要，整合多個監管機構的監管動態資訊，簡化資料蒐集流程，並促進內部持份者的協作，提升整體營運效率，而決策仍由本行同事全權主導。本行與應科院團隊的合作體驗正面，對方回應迅速，積極排解疑難，並持續優化平台功能。是次合作為本行的數碼轉型奠下基礎，並進一步加強了本行採用科技驅動解決方案的信心。

OCBC Hong Kong 華僑銀行香港





AI Intrusion Detection and Prevention System
人工智能入侵偵測防禦系統

Small and medium-sized enterprises (SMEs) face many of the same cyber threats as large organisations, including ransomware, distributed denial-of-service (DDoS) attacks and data breaches. However, enterprise-grade cybersecurity solutions can be costly and difficult to deploy, leaving many SMEs dependent on basic security tools that may not provide comprehensive protection. Affordable and easy-to-use solutions are therefore essential to help businesses safeguard their data, assets and operations while focusing on growth and innovation.

中小企與大型機構同樣面對網絡威脅，包括勒索軟件、分散式阻斷服務(DDoS)攻擊以及數據外洩等。然而，企業級的網絡安全方案通常成本高昂、部署複雜繁瑣，令許多中小企卻步，只依靠基本的防護工具提供有限保障。因此，市場需要價格合理、操作簡便的解決方案，讓企業在專注於業務增長與創新的同時，也能有效守護數據、資產和營運。



To address the growing need for effective, scalable and easy-to-deploy cybersecurity protection, ASTRI has developed an AI-powered cybersecurity solution which incorporates an intrusion detection system (IDS) that continuously monitors network traffic for suspicious activity, and an intrusion prevention system (IPS) that blocks threats in real time. One of its application scenarios is the enhancement of standard Wi-Fi routers with advanced cybersecurity capabilities. The technology embeds directly into the routers, eliminating the need for additional hardware.

In addition, automatic updates ensure protection against emerging cyber threats. The plug-and-play design enables rapid deployment without technical professionals, while its lightweight architecture delivers effective protection at the network edge without compromising network performance. Through secure threat intelligence sharing across the network, it strengthens collective defence against evolving cyber risks.

Reaching Hong Kong's SMEs

Hong Kong Telecom (HKT) applies ASTRI's patented AI Intrusion Detection and Prevention System to its 2500MB broadband service, developing an AI Firewall service tailored for SMEs. Offered as a fully managed service, supporting by HKT's Network Operations Centre, the AI Firewall provides round-the-clock protection for businesses without requiring dedicated IT resources. Its affordable subscription model makes advanced cybersecurity accessible to SMEs. By helping organisations defend against evolving cyber threats and reduce security risks, the solution enables businesses to adopt digital technologies with greater confidence and supports Hong Kong's broader digital transformation.

為應對市場對高效、可擴展且易於部署的網絡安全防護方案日益增長的需求，應科院研發了人工智能入侵偵測防禦系統。該系統配備入侵偵測系統(IDS)，可持續監控網絡流量以識別可疑活動；同時設有入侵防護系統(IPS)，能即時攔截潛在威脅。其中一個應用場景是提升標準Wi-Fi路由器的網絡安全防護能力。這項技術可直接整合到路由器中，毋需額外添置硬件。

它還會自動更新，應對不斷出現的新型網絡威脅。即插即用的設計讓企業毋需專業技術人員即可快速應用；輕量化架構能在網絡邊緣提供有效防禦，同時不影響網絡性能。它亦能在內部安全分享威脅情報，強化集體防禦能力，以應對不斷演變的網絡風險。

走進香港中小企

香港電訊(HKT)將應科院專利的人工智能入侵偵測與防護系統應用於其2,500MB寬頻服務，並推出專為中小企設計的AI防火牆方案。該方案以全面託管形式提供，並由HKT的網絡營運中心(NOC)支援24小時全天候守護企業安全，企業毋需增設專責資訊科技人員。合理的訂閱模式使中小企都能輕鬆享用先進的網絡安全方案。此方案幫助企業有效抵禦日益多樣的網絡威脅，降低安全風險，讓企業更有信心採用數碼科技，並推動香港更廣泛的數碼轉型進程。

Partner Voices 夥伴心聲

ASTRI's advanced communication technology has enabled us to deliver practical solutions that address real business needs of local SMEs. Our collaboration accelerates the transformation of ASTRI's R&D outcomes into market-ready products that enhance enterprise competitiveness, demonstrate the value of digital transformation and innovation, and contribute to Hong Kong's development as an international innovation and technology centre.

應科院的先進通訊技術，讓我們能夠為香港中小企提供切合其實際業務需要的解決方案。我們的合作有助加快應科院將其科研成果轉化為可投入市場的產品，提升企業競爭力，充份展現推動數碼轉型和創新的價值，並為香港發展成為國際創新科技中心作出貢獻。

HKT 香港電訊



SmartDoc Shield: AI-Powered Document Verification & Fraud Detection Platform
「慧鑑文盾」：人工智能文件核驗及防偽平台

Document verification is becoming increasingly challenging as forged identities, manipulated records and AI-generated documents grow more sophisticated. For banks, insurers, and public organisations, relying on manual reviews can be time-consuming, inconsistent and prone to error, particularly when processing large volumes of documents in different formats. More advanced verification tools are therefore essential to improve efficiency, accuracy and risk management.

隨着偽造身份、竄改紀錄及人工智能生成文件日益精密，文件核驗變得愈發困難。對銀行、保險公司及公營機構而言，依賴人手審核既耗時、又有機會產生不一致或錯誤，尤其在處理大量格式各異的文件時更不容易。因此，市場需要更先進的核驗工具，以提升效率、準確度及風險管理能力。

ASTRI's SmartDoc Shield brings AI-powered automation to document verification. Building on the Institute's previous work in AI fraud-detection for the banking sector, the platform combines advanced optical character recognition (OCR), handwriting recognition and document intelligence with AI-powered fraud-detection capabilities. It can extract key information, verify consistency across documents and identify signs of tampering or AI-generated content. The platform supports a wide range of document types, including bank statements, application forms and supporting documents.

The benefits are immediate and practical. By automating verification, SmartDoc Shield speeds up review processes, reduces manual workload, and improves the accuracy and consistency of assessments. This helps strengthen risk management, fraud prevention and regulatory compliance efforts for financial institutions.

Decisive capabilities in loan processing

In October 2025, SmartDoc Shield was deployed at **PrimeCredit**, where it supports the daily automated verification of loan application documents. Integrated seamlessly with PrimeCredit's existing loan-processing platform, the system reviews each document as it arrives, helping to ensure consistency and authenticity.

Beyond lending, the technology can be applied to verification of insurance claims and customer documents, government applications and funding assessments, employee onboarding and identity checks. It also supports broader compliance and document-digitalisation workflows within large organisations. By automating the verification of critical documents, SmartDoc Shield helps organisations address evolving fraud risks while improving operational efficiency.

In an economy where contracts, claims, applications and other business records are exchanged every day, trusted documentation remains fundamental. SmartDoc Shield helps organisations verify those documents faster, more accurately and with greater confidence.

應科院的「慧鑑文盾」把人工智能自動化技術引入文件核驗流程。延續早前為銀行業開發的人工智能防偽工作，此平台結合先進光學字符識別、手寫文字辨識及文件理解功能，並配備人工智能防偽技術。系統可擷取關鍵資料、核對文件內容一致性，並識別竄改或AI生成內容的痕跡。平台可支援銀行月結單、申請表及各類證明文件的驗證。

平台成效即時可見，並切合實際需要。透過自動化核驗，「慧鑑文盾」不僅加快審核速度，還降低人力成本，並提升了資料評估的準確性與一致性，幫助金融機構強化風險控制、防偽能力與合規管理。

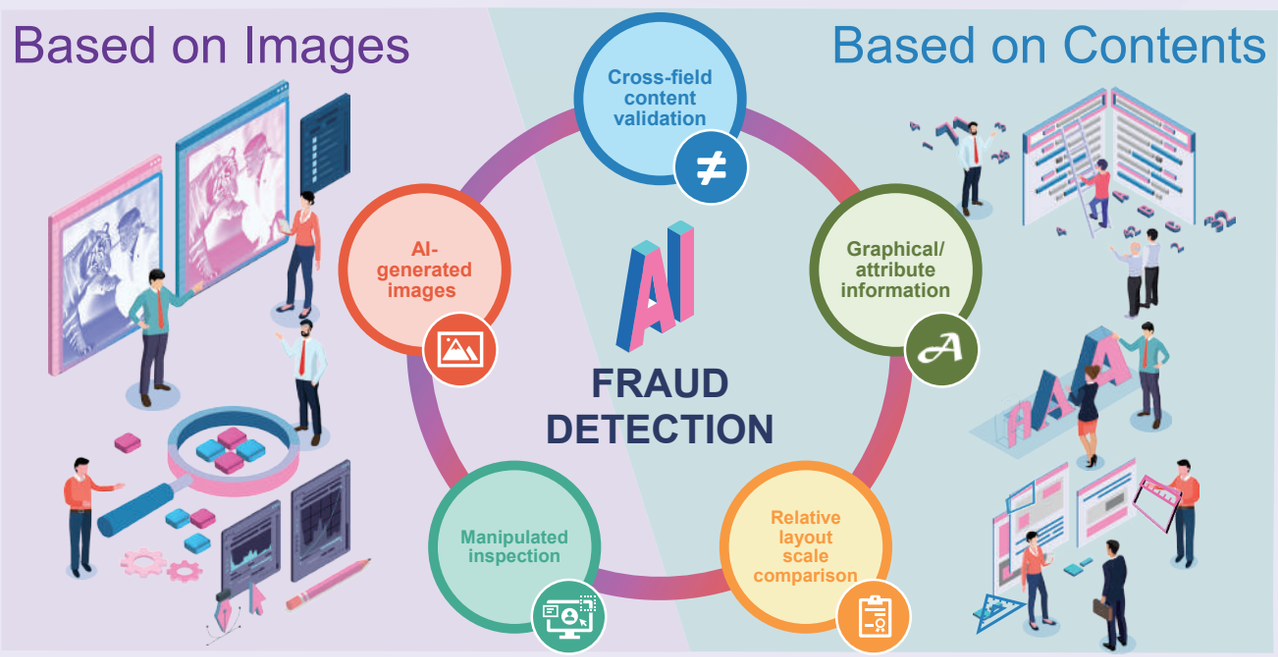
貸款處理的關鍵能力

2025年10月，「慧鑑文盾」於**安信信貸**投入使用，支援日常貸款申請文件的自動核驗。系統與安信信貸現有的貸款處理平台無縫整合，每份文件一經送達即進行審核，確保資料的一致性及真確性。

除貸款外，這項技術亦可應用於保險索償、客戶資料驗證、政府申請及資助評估、以及僱員入職及身份認證等領域，並支援大型機構推動更廣泛的合規及文件數碼化流程。透過自動化驗證關鍵文件，「慧鑑文盾」協助機構應對日益嚴峻的詐騙威脅，同時提升營運效率。

在合約、索償、申請及其他商業紀錄日常流轉的經濟環境中，可信文件始終是關鍵基石。「慧鑑文盾」協助機構更快速、更準確、更有信心地完成文件核驗工作。

An Overview of ASTRI's AI Fraud Detection Technology
應科院人工智能詐騙偵測技術概覽



HOW WE DO IT

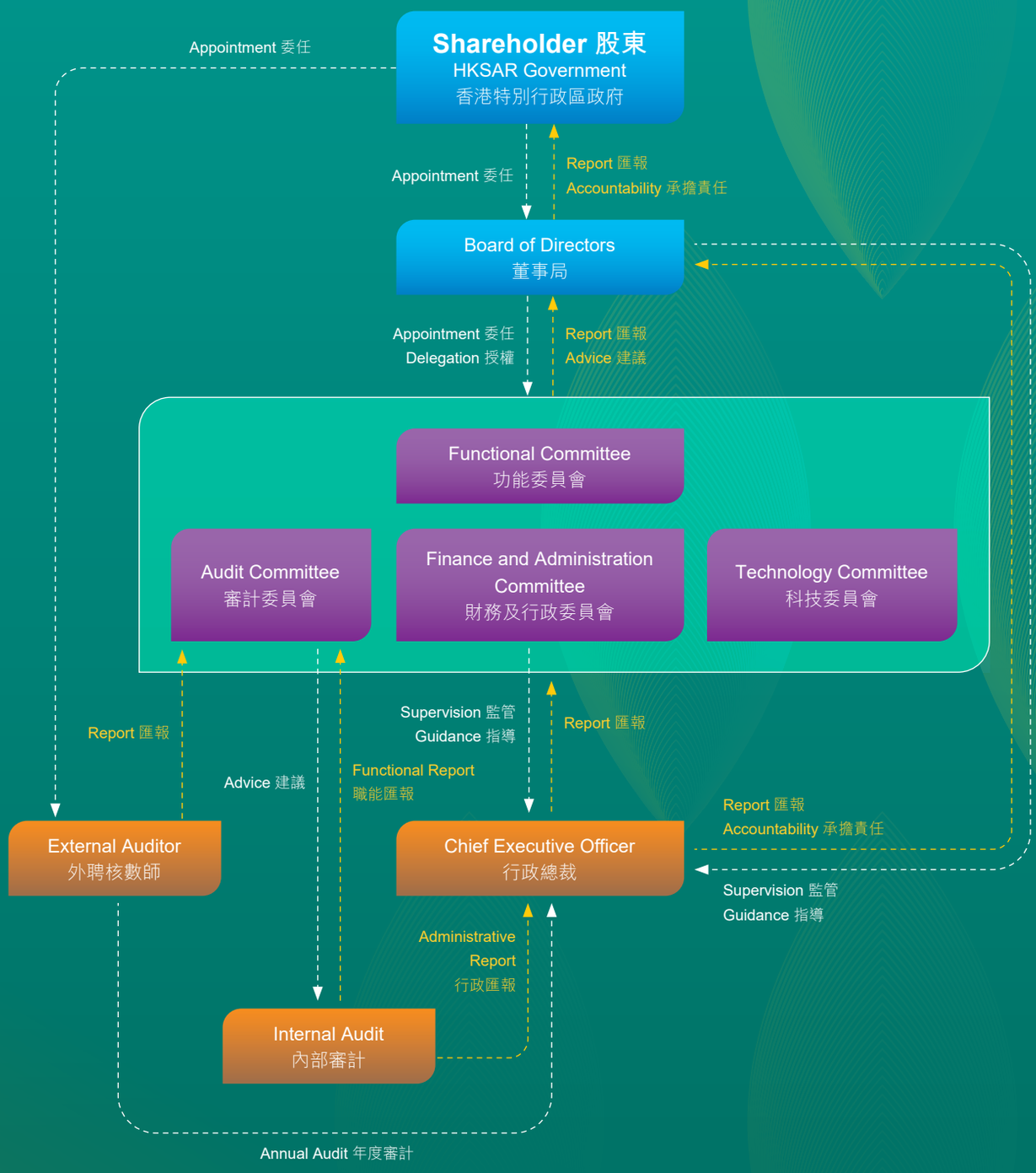
營運實踐

Good corporate governance underpins ASTRI's operations. Through robust frameworks for governance, control, quality assurance, and risk management, we promote accountability, transparency and integrity in our decision-making, performance monitoring and financial reporting. These principles guide our operations and reinforce our commitment to stakeholders, ensuring we uphold rigorous corporate governance standards whilst delivering excellence in research and innovation.

良好企業管治是應科院營運的基石。我們建立穩建的管治、監察、質量保證及風險管理框架，確保在決策、績效監察及財務報告方面皆秉持問責、透明及誠信的原則。這些原則不只帶領我們的日常運作，更彰顯我們對持份者的承諾，在持續提供卓越創新的科研成果的同時，恪守嚴謹的企業管治標準。

CORPORATE GOVERNANCE
企業管治

CORPORATE GOVERNANCE STRUCTURE
企業管治架構



BOARD OF DIRECTORS
董事局

Board Composition
董事局的組成

As of 31 March 2026, composition of the Board included the Chairman and 19 members, two of whom were official members.
於2026年3月31日，應科院董事局成員包括主席及19位董事，當中兩位為官守董事。

Chairman 主席

Ir Prof Sunny Lee Wai-kwong BBS, JP
李惠光教授工程師 銅紫荊星章、太平紳士

Official Members 官守董事

Mr Kevin Choi, JP
Permanent Secretary for Innovation, Technology and Industry, HKSAR Government
蔡傑銘先生 太平紳士
香港特區政府創新科技及工業局常任秘書長

Mr Ivan KB Lee, JP
Commissioner for Innovation and Technology, HKSAR Government
李國彬先生 太平紳士
香港特區政府創新科技署署長

Members 董事 (In alphabetical order of surname)（以英文姓氏順序排列）

Prof Chan Chi-hou
Vice President (Community Engagement)
Director, State Key Laboratory of Terahertz and Millimeter Waves
Chair Professor of Electronic Engineering
City University of Hong Kong
陳志豪教授
香港城市大學
副校長（社區聯繫及協作）
太赫茲及毫米波全國重點實驗室主任
電子工程學講座教授

Prof Christopher Chao Yu-hang
Senior Vice President (Research and Innovation),
Chair Professor of Thermal and Environmental Engineering,
Director of Policy Research Centre for Innovation and Technology
The Hong Kong Polytechnic University
趙汝恒教授
香港理工大學
高級副校長（研究及創新）
熱能及環境工程講座教授
科技及創新政策研究中心主任

Prof Cheng Shuk-han, MH
Chair Professor of Health Innovation, School of Nursing and Health Sciences
Metropolitan University of Hong Kong
鄭淑嫻教授 榮譽勳章
香港都會大學護理及健康學院健康創新講座教授

Mr Jason Chiu Tsz-kiu, JP
Founder,
Cherrypicks
趙子翹先生 太平紳士
創奇思創辦人

Dr Felix Chow Bok-hin
Executive Chairman and Executive Director,
Niche-Tech Semiconductor Materials Limited
周博軒博士
駿碼半導體材料有限公司
執行主席兼執行董事

Mr Dennis Ho Chiu-ping
Partner,
PricewaterhouseCoopers
何超平先生
羅兵咸永道會計師事務所合夥人

Mr William Ho Tat
Executive Director, Corporate Development
Airport Authority Hong Kong
何達先生
香港機場管理局企業發展執行總監

Ir Arthur Lee Kam-hung
Founder and Chairman,
Kolinker Group
李錦雄工程師
科研集團創辦人及主席

Mr Theodore Ma Heng
Managing Partner,
CoCoon Ignite Ventures
馬衡先生
科控資本企業管理合夥人

Dr Alfred Ng Man-cheuk
Executive Director and Chief Executive Officer,
Suga International Holdings Limited
吳民卓博士
信佳國際集團有限公司執行董事及首席執行官

Hon Jack Ng Wun-kit, JP
School Principal, Pui Kiu Middle School
伍煥杰議員 太平紳士
培僑中學校長

Ar So Ching, JP
Architect
蘇晴建築師 太平紳士
建築師

Ir Dr Samson Tai Kin-hon
Professor of Practice, School of Business
Hong Kong Baptist University
戴劍寒博士 工程師
香港浸會大學工商管理學院專業應用教授

Mr Anthony Tong Tat-hay
Managing Partner, Robin Bridge & John Liu
湯達熙先生
喬立本廖依敏律師行管理合夥人

Prof Michael Tse Chi-kong
Chair Professor of Electrical Engineering
Associate Vice-President (Innovation) and
Director of the CityUHK Academy of Innovation
City University of Hong Kong
謝智剛教授
電機工程講座教授
協理副校長（創新）
城大創新學院院長

Prof Martin Wong Ding-fat
Provost and Chair Professor of Computer Science
Hong Kong Baptist University
黃定發教授
香港浸會大學常務副校長
計算機科學講座教授

Mr Wilfred Wong Kam-pui, BBS, JP
Managing Director,
RESOLUTIONS HR & Business Consultancy Company Limited
黃錦沛先生 銅紫荊星章、太平紳士
雋思人才及商務顧問有限公司常務董事

FUNCTIONAL COMMITTEES 功能委員會

Three Functional Committees assist the Board in managing ASTRI. The Finance and Administration Committee oversees ASTRI's financial and administrative matters; the Technology Committee oversees ASTRI's research initiatives; and the Audit Committee ensures both internal and external audit processes are properly carried out. Below are the committee memberships as of 31 March 2026:

董事局成立了三個功能委員會，以協助董事局管治應科院：財務及行政委員會監察應科院財務及行政事宜；科技委員會監察應科院研究項目；審計委員會則確保內部及外部審計程序妥善執行。下方是於2026年3月31日各委員會的成員名單：

Finance and Administration Committee 財務及行政委員會

Mr Jason Chiu Tsz-kiu, JP (Chairman)[1]
趙子翹先生 太平紳士（主席）[1]

Mr Ivan KB Lee, JP
李國彬先生 太平紳士

Dr Felix Chow Bok-hin
周博軒博士

Ir Arthur Lee Kam-hung
李錦雄工程師

Mr Theodore Ma Heng
馬衡先生

Hon Jack Ng Wun-kit, JP
伍煥杰議員 太平紳士

Ar So Ching, JP[1]
蘇晴建築師 太平紳士[1]

Mr Anthony Tong Tat-hay
湯達熙先生

Mr Wilfred Wong Kam-pui BBS, JP
黃錦沛先生 銅紫荊星章、太平紳士

Retired Members 退任委員

Prof Chan Chun-kwong[1]
陳俊光教授[1]

Mr Stephen Chau Kam-kun[1]
鄒金根先生[1]

Technology Committee 科技委員會

Prof Christopher Chao Yu-hang (Chairman)[1]
趙汝恒教授（主席）[1]

Mr Ivan KB Lee, JP
李國彬先生 太平紳士

Prof Chan Chi-hou[1]
陳志豪教授[1]

Prof Cheng Shuk-han, MH
鄭淑嫻教授 榮譽勳章

Mr William Ho Tat
何達先生

Ir Prof Sunny Lee Wai-kwong BBS, JP
李惠光教授工程師 銅紫荊星章、太平紳士

Mr Theodore Ma Heng
馬衡先生

Dr Alfred Ng Man-cheuk
吳民卓博士

Prof Michael Tse Chi-kong[1]
謝智剛教授[1]

Prof Martin Wong Ding-fat
黃定發教授

Retired Members 退任委員

Mr Peter Ng Hon-yu [1]
吳漢瑜先生[1]

Mr Jason Chiu Tsz-kiu, JP[1]
趙子翹先生 太平紳士[1]

Audit Committee 審計委員會

Mr Dennis Ho Chiu-ping (Chairman)
何超平先生（主席）

Mr Ivan KB Lee, JP
李國彬先生 太平紳士

Mr William Ho Tat
何達先生

Ir Arthur Lee Kam-hung
李錦雄工程師

Dr Alfred Ng Man-cheuk
吳民卓博士

Ir Dr Samson Tai Kin-hon
戴劍寒博士 工程師

Mr Anthony Tong Tat-hay
湯達熙先生

[1] With effect from 21 October 2025
[1] 自2025年10月21日生效

Movements of Directors
董事局成員變動

New Directors 新委任董事	Date of Appointment 委任日期
Mr Kevin Choi, JP 蔡傑銘先生 太平紳士	27 October 2025 2025年10月27日
Prof Chan Chi-hou 陳志豪教授	21 October 2025 2025年10月21日
Ar So Ching, JP 蘇晴建築師 太平紳士	21 October 2025 2025年10月21日
Prof Michael Tse Chi-kong 謝智剛教授	21 October 2025 2025年10月21日

Retired/Resigned Directors 退任／辭任董事	Date of Retirement/Resignation 退任日期
Mr Eddie Mak Tak-wai, GBS, JP 麥德偉先生 金紫荊星章、太平紳士	26 September 2025 2025年9月26日
Prof Chan Chun-kwong 陳俊光教授	21 October 2025 2025年10月21日
Mr Stephen Chau Kam-kun 鄒金根先生	21 October 2025 2025年10月21日
Mr Peter Ng Hon-yu 吳漢瑜先生	21 October 2025 2025年10月21日

Meetings and Attendance
會議及出席率

During the financial year, the Board and the Functional Committees convened meetings on a regular basis. Special meetings would be held as and when necessary. The following were attendance records of ASTRI Board and Functional Committee meetings held during the year:

於本財政年度，董事局及功能委員會定期舉行會議，並於有需要時召開特別會議。以下是董事局會議及功能委員會會議的出席記錄：

Board Meetings 董事局會議	20/6/2025	23/9/2025	18/12/2025	27/2/2026
Total number of directors as at the meeting day 會議當日董事局成員人數	20	20	20	20
Total number of directors present at meeting 董事出席人數	16	14	16	16
Total number of apologies 缺席人數	4	6	4	4
Percentage in attendance 出席率	80%	70%	80%	80%

FAC Meetings 財務及行政委員會會議	4/6/2025	2/9/2025	1/12/2025	5/2/2026
Total number of FAC members as at the meeting date 會議當日財務及行政委員會成員人數	9	9	9	9
Total number of FAC members present at meeting 財務及行政委員會成員出席人數	6	7	7	8
Total number of apologies 缺席人數	3	2	2	1
Percentage in attendance 出席率	67%	78%	78%	89%

TC Meetings 科技委員會會議	3/6/2025	3/9/2025	8/12/2025	30/1/2026
Total number of TC members as at the meeting day 會議當日科技委員會成員人數	10	10	10	10
Total number of TC members present at meeting 科技委員會成員出席人數	7	8	8	7
Total number of apologies 缺席人數	3	2	2	3
Percentage in attendance 出席率	70%	80%	80%	70%

AC Meetings 審計委員會會議	29/5/2025	4/9/2025	26/11/2025	9/2/2026
Total number of AC members as at the meeting day 會議當日審計委員會成員人數	7	7	7	7
Total number of AC members present at meeting 審計委員會成員出席人數	5	7	5	6
Total number of apologies 缺席人數	2	0	2	1
Percentage in attendance 出席率	71%	100%	71%	86%

GOVERNANCE AND CONTROL
管治及監察

As a publicly funded R&D centre, ASTRI is committed to upholding the highest standards of corporate governance. In line with our mission, we work in the best interests of our stakeholders and the taxpayers of Hong Kong as a whole.

ASTRI's corporate governance policies and principles are clearly laid out in our Corporate Governance Manual ("Manual"). The Manual guides the efforts of the Board and Senior Management to ensure that ASTRI always operates in a transparent and accountable manner. It includes comprehensive guidelines on:



Organisation and management structure
公司組織及管理架構



HR policies and staff conduct
人力資源政策及員工操守



Financial management and controls
財務管理及監控



Internal controls and external reporting
內部監控及外部匯報



Risk management
風險管理

The Manual is updated from time to time to incorporate developments needed to improve ASTRI's operations, and to reflect the changing business environment.

作為一所政府資助的應用科技研發機構，應科院承諾恪守最高的企業管治標準。我們秉承使命，竭誠維護持份者及香港納稅人的整體最佳利益。

應科院的企業管治手冊（「手冊」）清楚列明企業管治政策和原則，協助董事局和管理層以透明、負責之準則經營應科院。手冊詳載以下守則：

應科院因應企業發展需要改善運作及營商環境的變化，不時更新手冊。

Internal Audit
內部審計

ASTRI's Internal Audit Department (IAD), set up in 2003, reports to the Audit Committee (AC). Via the AC, the IAD assists the Board with corporate governance matters by providing it with information about and assurance regarding ASTRI's internal controls.

ASTRI's Internal Audit Charter, endorsed by the AC, affirms the IAD's independence, sets out its responsibilities, and defines the scope of its authority.

The IAD conducts internal audit reviews in accordance with a 3-year risk-based rolling plan, approved annually by the AC. In these reviews, the IAD assesses the adequacy and effectiveness of ASTRI's internal control processes and procedures, as well as compliance with them.

During the reporting year, the IAD conducted internal audit reviews in a number of different areas of ASTRI's operations. Examples of reviews included employees' declarations of interest, insurance arrangements, facilities management, intellectual property management and contract management. On the completed reviews, IAD is of the view that the relevant controls were largely in place. During these reviews, IAD also recommended a number of areas for process enhancement. IAD regularly reports the audit progress of individual reviews to AC and submits reports on completed reviews. The IAD periodically follows up the implementation status of the recommendations it makes.

應科院於2003年成立內部審計部，向董事局審計委員會匯報。內部審計部透過審計委員會向董事局提供有關應科院內部監控的資訊及保證，協助董事局處理企業管治事宜。

經審計委員會審批的應科院內部審計章程確認內部審計部的獨立性、規定其職責，並界定其職權範圍。

內部審計部根據審計委員會每年批准的風險為本三年滾動計劃進行內部審計審查，內部審計部會評估應科院內部監控流程及程序的充分性和有效性，以及相關遵守情況。

在報告年度內，內部審計部對應科院業務多個可審計範疇進行了內部審計審查，例如員工利益申報、保險安排、設施管理、知識產權管理及合約管理。在完成的審計項目中，內部審計部認為應科院已制定適當的監控措施。在審計過程中，內部審計部亦在相關範疇提出了一些優化流程的建議。內部審計部會定期向審計委員會交代各項審計項目的進度及提交已完成項目之審計報告。內部審計部亦會定期跟進所提出建議的實施情況。

Compliance
合規

Since April 2007, the Board has appointed the Head of Internal Audit to the role of Compliance Officer. The Compliance Officer's role is to assist the Board, via the AC, with compliance matters relating to internal and external procedures and regulations. The Compliance Officer receives reports from departmental compliance officers and submits quarterly compliance reports to the AC.

董事局於2007年4月委任內部審計主管擔任合規主任。合規主任的職責是透過審計委員會協助董事局處理與內部和外部程序及規例有關的合規事宜。合規主任負責接收部門合規主任的報告，並向審計委員會提交季度合規報告。

Safeguards against conflicts of interest
防範利益衝突

ASTRI has comprehensive internal controls in place designed to safeguard against conflicts of interest. The Code of Conduct is regularly reviewed and updated to ensure that potential conflicts are always declared and adequately managed. All ASTRI employees are required to make an annual declaration to confirm that they have read, understood and are compliant with the Code.

應科院設有全面的內部監控措施來防範利益衝突。應科院定期檢討並更新員工行為守則，以確保潛在衝突能夠妥為申報並處理。應科院全體員工每年均需作出申報，確認已細閱、理解並遵守守則。

Workplace policy
工作環境守則

ASTRI has zero tolerance for discrimination and harassment. We organise regular seminars on relevant policies and regulations, with the aim of promoting equal opportunities and preventing discrimination and harassment in the workplace.

應科院絕不容忍任何歧視和騷擾事故。為提倡平等機會，並防止工作環境中出現歧視和騷擾，應科院定期舉行研討會講解相關政策及條例。

Quality management system
品質管理系統

Quality is paramount in all ASTRI's research deliverables. To this end, ASTRI has adopted the ISO 9001 Quality Management standard, which helps us deliver consistently high-quality research to our clients and partners. In May 2025, international quality assurance body Bureau Veritas Certification conducted an ISO 9001 re-certification on ASTRI's operations. The audit certified that ASTRI's operations were fully compliant with the standards, with zero non-conformance, demonstrating ASTRI's steadfast commitment to excellence in quality management, corporate governance and continual improvement.

應科院對所有研究成果均以品質為先。因此，應科院採用ISO 9001品質管理標準，以確保持續向客戶及合作夥伴交付一貫高品質的研究成果。2025年5月，國際品質認證機構必維國際檢驗集團對應科院業務執行ISO 9001續證審計。審計結果確認應科院的業務完全符合標準要求，且錄得零項不符合事項，彰顯應科院在品質管理、企業管治及持續改進方面秉持卓越標準的堅定承諾。

Risk Management
風險管理

ASTRI has a Risk Management (RM) process to identify, evaluate and mitigate risks. The process is governed by an RM Policy and is facilitated by the IAD. The RM Policy sets out the roles and responsibilities of different parties, and provides an overview of the RM process. A Risk Register is maintained to keep track of various risks identified, covering the following broad thematic categories:

應科院設有風險管理流程，以識別、評估並減低風險。該流程受風險管理政策規管，並由內部審計部促進實施。風險管理政策規定不同人員及部門的角色和責任，並概述風險管理流程。應科院設有「風險登記冊」，以追蹤已識別的各種風險。「風險登記冊」涵蓋以下廣泛主題：



Compliance
合規



Corporate communications and relations
企業傳訊及關係



Corporate governance and ethics
企業管治及道德



Finance
財務



Health and safety, premises and facilities
健康及安全、物業及設施



Human resources
人力資源



Information technology
資訊科技



Reporting
匯報機制



Research and development
研究及發展



Strategy and partnership
策略及合作夥伴關係

Information security management system
資訊保安管理系統

ASTRI has adopted the ISO 27001 Information Security Management standard for its R&D activities in Financial Technologies (FinTech) in order to safeguard the confidentiality, integrity and availability of the information it handles. Adoption of the standard is also helping us to strengthen cybersecurity risk management and improve our cyber-defence capabilities. Our FinTech R&D professionals regularly attend information security awareness training sessions to learn about the latest cybersecurity risks and the best tools for mitigating them.

An external consultancy company performs vulnerability assessment and penetration tests on ASTRI's Information Technology infrastructure and network equipment every year to ensure our security controls remain effective. In October 2025, an international certification body Bureau Veritas Certification conducted an ISO 27001 surveillance audit of ASTRI's operations and found zero non-conformance. ASTRI is continuing to improve and strengthen its data, information and operations security practices, as well as staying abreast of the latest technologies for combatting cybersecurity risks.

為保障所處理資訊的機密性、完整性及可用性，應科院於金融科技研發活動中採用 ISO 27001 資訊安全管理體系標準。該標準亦進一步強化我們的網絡安全風險管理及網絡防禦能力。應科院的金融科技研發人員定期參與資訊安全意識培訓，以掌握最新網絡安全威脅趨勢及相關防護措施。

為確保資訊科技基礎設施及網絡設備的安全控制措施持續有效，應科院每年委聘獨立專業顧問進行漏洞評估及滲透測試。2025年10月，國際認證機構必維國際檢驗集團對應科院業務進行 ISO 27001 監督審核。審核結果確認應科院的資訊安全管理體系持續符合相關標準要求，並錄得零項不符合事項。應科院將持續優化及強化數據、資訊及營運安全措施，並緊貼應對網絡安全風險的最新技術發展，以應對網絡安全風險。

KEY PERFORMANCE INDICATORS

Industry and Other Income	2025/26 Target	2025/26 Actual
Industry Contribution (HK$ Million)	74.43 (21.4%)	94.36 (26.6%)
Industry Income (HK$ Million) [1]	109.48	86.33
Level of industry and other income [2]	61.0%	57.4%[3]
R&D Projects		
Number of ongoing R&D Projects as at end of the reporting period	65	74
Number of ongoing R&D projects as at end of the reporting period involving industry participation [4]	35	47
Number of companies participating in these ongoing R&D projects [5]	80	116
Utilisation of research output of ITF-funded R&D projects		
Number of licensing agreements signed	30	15
Number of contract research projects undertaken [6]	64	88
Public Sector Trial Projects		
Number of ongoing public sector trial projects as at end of the reporting period	7	6
Number of organisations benefitting from these public sector trial projects [7]	12	10
Other Performance Indicators		
Number of patents filed (no. of inventions)	60 (30)	61 (30)
Number of patents granted	55	54
Number of academic/industry awards	40	42

1. Sponsorship (Industry Contribution) for ITF projects is excluded from Industry Income. Industry income is calculated on a cash-received basis. Clients have had issues making payments due to the adverse global economic conditions.
2. Level of industry and other income (%) is calculated by:

$$\frac{\text{(1) Industry Contribution Pledged ^ + (2) Other Sources of Financial Contribution Pledged^ + (3) Commercialisation and Other Income Received ^*}}{\text{(4) Approved R\&D Project Expenditure ^}} \times 100\%$$

   * Commercialisation income received refers to income arising from licensing, contract services, royalties and others (e.g. sale of IPs etc.) but excluding those from public sector trial projects, seed projects and public sector platform projects with sponsorship waived by CIT. Other Income also includes non-ITF Government funding schemes.
   ^ Excluding public sector trial projects, seed projects and public sector platform projects with sponsorship waived by CIT.
3. Commercialisation income was affected by the delayed payments from clients and this in turn significantly impacted the level of industry and other income.
4. Refer to the number of on-going R&D projects as at 31 March 2026 involving industry contribution.
5. Refer to the number of sponsorship companies participating in on-going R&D projects as of 31 March 2026. Government Initiated Project (GIP) is excluded.
6. Referred to non-ITF Contract Research in which a company or entity pays 100% of the full costs for the project.
7. Refer to the number of public sector organisations involving in trials under on-going and completed public sector trials projects during the year.

關鍵績效指標

業界及其他收入概況	2025/26 目標	2025/26 實際
業界贊助（百萬港元）	74.43 (21.4%)	94.36 (26.6%)
業界收入（百萬港元）[1]	109.48	86.33
來自業界及其他收入水平[2]	61.0%	57.4%[3]
研發項目		
於報告期末「在研項目」總數	65	74
於報告期末業界參與的「在研項目」總數[4]	35	47
參與「在研項目」的公司總數[5]	80	116
創新及科技基金所資助研發項目研究成果的運用		
已簽訂授權合約總數	30	15
已承接合約研究項目總數[6]	64	88
公營機構試用計劃項目		
於報告期末的公營機構試用計劃項目總數	7	6
公營機構試用計劃項目惠及的機構總數[7]	12	10
其他表現指標		
申請專利總數（發明總數）	60 (30)	61 (30)
獲得專利總數	55	54
獲頒學術／業界獎項總數	40	42

1. 創新及科技基金項目的贊助（業界贊助）不包括在業界收入之內。業界收入是根據現金實收來計算的。由於不利的全球經濟境況，客戶普遍遇到了付款問題。
2. 來自業界及其他收入水平(%)計算如下：

$$\frac{\text{(1) 承諾的業界贊助額}^{\wedge} + \text{(2) 承諾的其他來源財務贊助額}^{\wedge} + \text{(3) 商品化及其他收入}^{*}}{\text{(4) 獲批的研發項目開支}^{\wedge}} \times 100\%$$

   * 已收取商品化收入為因授權、合約服務、版權費及其他事項（如出售知識產權等）而得的收入，惟不包括自創新科技署豁免贊助的公營部門試驗項目、種子項目及公營部門平台項目所得收入。其他收入還包括非創新及科技基金的政府資助計畫。

   ^ 不包括創新科技署豁免贊助的公營部門試驗項目、種子項目及公營部門平台項目。
3. 商品化收入受到客戶付款延遲的影響，從而明顯影響了來自業界及其他收入的水平。
4. 指於2026年3月31日涉及業界投入資金（業界贊助）的「在研項目」總數。
5. 指於2026年3月31日參與「在研項目」的贊助公司數目。政府主導項目(GIP)不包括在內。
6. 指公司悉數支付項目成本的項目。
7. 指在2025-2026財政年度已完成項目的「公營部門試驗項目」以及於報告期末「在研項目」中涉及的公營部門總數。

FINANCIAL REPORT
財務報告

OVERVIEW
概況

For the 2025/26 financial year, ASTRI recorded consolidated income of HK$730,937,960, comprising total income of HK$730,651,871 and bank interest income of HK$286,089. Consolidated expenditure amounted to HK$729,731,258, comprising total expenditure of HK$727,697,297, finance costs of HK$1,967,669, and income tax expense of HK$66,292. Accordingly, ASTRI recorded a surplus of HK$1,206,702 for the year.

在2025/26財政年度，應科院錄得綜合收入港幣730,937,960元，其中包括總收入港幣730,651,871元及銀行利息收入港幣286,089元。綜合支出為港幣729,731,258元，其中包括總支出港幣727,697,297元、財務成本港幣1,967,669元，以及所得稅支出港幣66,292元。因此，應科院本年度錄得港幣1,206,702元盈餘。

Income comprised HK$154,931,785 in grant from Innovation and Technology Fund ("ITF"), HK$43,493,573 in eligible administrative overheads, HK$454,710,761 in project income, and HK$69,865,201 in other income.

收入包括來自創新及科技基金（「ITF」）的撥款港幣154,931,785元、合資格行政費港幣43,493,573元、項目收入港幣454,710,761元，以及其他收入港幣69,865,201元。

Expenditure amounted to HK$716,011,319, comprised of employee benefit expenses of HK$445,724,013, depreciation and other expenses of HK$270,287,306 under grant from ITF. This represented a decrease of HK$37,003,410 (5%) compared with the previous year. ASTRI's operation remained steady with prudent financial management throughout the year.

支出為港幣716,011,319元，包括來自ITF撥款的員工福利支出港幣445,724,013元、折舊及其他支出港幣270,287,306元。比去年同期減少港幣37,003,410元（5%）。應科院全年保持穩定的經營狀況，並繼續秉持審慎的理財方針。

Reserve Fund income of HK$7,650,551 was recognised during the year, in line with the corresponding Reserve Fund expenditure incurred.

年內確認儲備資金收入港幣7,650,551元，與所產生的相應儲備資金支出一致。

The consolidated financial statements of ASTRI for the year ended 31 March 2026 have been audited by independent auditors with unqualified audit opinion, an extract of the Consolidated Statement of Income, Expenditure and Other Comprehensive Income and Consolidated Statement of Financial Position are set out on pages 69 – 70.

應科院截至2026年3月31日止年度的綜合財務報表經由獨立核數師審計，並獲發無保留審計意見書。綜合收支表及其他全面收益表以及綜合財務狀況表的摘要載於第69至70頁。

Consolidated Statement of Income, Expenditure and Other Comprehensive Income
綜合收支表及其他全面收益表

Year ended 31 March 2026 截至2026年3月31日止年度	2026 (HK$ 港幣)	2025 (HK$ 港幣)
INCOME 收入		
Grant from Innovation and Technology Fund/Income from Government subvention 創新及科技基金資助／政府資助收入	154,931,785	159,724,521
Eligible administrative overheads 合資格行政費	43,493,573	34,869,156
Project income 項目收入	454,710,761	461,364,257
Other income 其他收入	69,865,201	86,198,657
Reserve Fund – income 儲備資金－收入	7,650,551	6,046,324
	730,651,871	748,202,915
EXPENDITURE 支出		
Employee benefit expenses 員工福利支出	445,724,013	513,259,029
Depreciation 折舊	39,856,351	42,881,051
Other expenses 其他支出	230,430,955	196,874,649
Amount return to the Government of the Hong Kong Special Administrative Region – other income 退還香港特別行政區政府款項－其他收入	11,685,978	4,057,412
	727,697,297	757,072,141
OPERATING PROFIT/(LOSS) 營業收益／（虧損）	2,954,574	(8,869,226)
Bank interest income 銀行利息收入	286,089	447,042
SURPLUS/(DEFICIT) BEFORE FINANCING AND TAX 融資及稅前盈餘／（虧損）	3,240,663	(8,422,184)
Finance costs 財務成本	(1,967,669)	(895,451)
SURPLUS/(DEFICIT) BEFORE TAX 稅前盈餘／（虧損）	1,272,994	(9,317,635)
Income tax expense 所得稅支出	(66,292)	(182,212)
SURPLUS/(DEFICIT) FOR THE YEAR 本年度盈餘／（虧損）	**1,206,702**	**(9,499,847)**
OTHER COMPREHENSIVE INCOME/(LOSS) THAT MAY BE RECLASSIFIED TO SURPLUS OR DEFICIT IN SUBSEQUENT PERIODS 在以後會計期可能重新分類作盈餘或虧損的其他全面收益／（虧損）		
Exchange differences arising on translation of foreign operations 外幣報表換算差額	343,433	(66,813)
TOTAL COMPREHENSIVE INCOME/(LOSS) FOR THE YEAR 本年度全面總收益／（虧損）	**1,550,135**	**(9,566,660)**

Consolidated Statement of Financial Position
綜合財務狀況表

31 March 2026 於2026年3月31日	2026 (HK$ 港幣)	2025 (HK$ 港幣)
NON-CURRENT ASSETS 非流動資產		
Property, plant and equipment 物業、機器及設備	11,340,676	17,360,742
Right-of-use assets 使用權資產	44,901,300	70,462,608
	56,241,976	**87,823,350**
CURRENT ASSETS 流動資產		
Accounts receivable, contract assets, prepayments and deposits 應收款項、合約資產、預付款項及按金	32,304,074	39,852,764
Amount due from the Government of the Hong Kong Special Administrative Region 應從香港特別行政區政府收回款項	45,674,241	82,740,429
Tax recoverable 可退回稅項	12,525	–
Cash and cash equivalents 現金及現金等值	265,959,537	179,936,174
	343,950,377	**302,529,367**
CURRENT LIABILITIES 流動負債		
Accounts payable, contract liabilities, other payables and accruals 應付款項、合約負債、其他應付款項及應計款項	93,251,800	124,317,579
Deferred government grants 遞延政府資助	22,459,672	18,718,085
Receipts in advance 預收款項	156,588,172	94,221,875
Amount due to the Government of the Hong Kong Special Administrative Region 應付予香港特別行政區政府款項	3,463,298	6,234,886
Lease liabilities 租賃負債	26,209,338	25,547,869
Tax payable 應繳稅項	17,462	144,083
Provisions 撥備	2,208,969	–
	304,198,711	**269,184,377**
NET CURRENT ASSETS 流動資產淨值	**39,751,666**	**33,344,990**
TOTAL ASSETS LESS CURRENT LIABILITIES 總資產減流動負債	**95,993,642**	**121,168,340**
NON-CURRENT LIABILITIES 非流動負債		
Lease liabilities 租賃負債	17,831,924	43,000,099
Provisions 撥備	19,281,800	20,838,458
	37,113,724	**63,838,557**
Net Assets 資產淨值	**58,879,918**	**57,329,783**
EQUITY 股權		
Share capital 股本	2	2
Reserves 儲備	58,879,916	57,329,781
Total Equity 股權總值	**58,879,918**	**57,329,783**

Note:

These financial statements have been prepared in accordance with HKFRS Accounting Standards (which include all Hong Kong Financial Reporting Standards, Hong Kong Accounting Standards and Interpretations) as issued by the Hong Kong Institute of Certified Public Accountants and the Hong Kong Companies Ordinance. They have been prepared under the historical cost convention and are presented in Hong Kong dollars ("HK$").

The financial information relating to the years ended 31 March 2026 and 31 March 2025, included in the Consolidated Statement of Income, Expenditure and Other Comprehensive Income, and the Consolidated Statement of Financial Position set out on pages 69 – 70, is not part of the Company's statutory consolidated financial statements for those years but is derived from them. Further information relating to those statutory financial statements required to be disclosed in accordance with section 436 of the Hong Kong Companies Ordinance is as follows:

As the Company is a private company, the Company is not required to deliver its financial statements to the Registrar of Companies and has not done so.

The Company's auditor has reported on the consolidated financial statements of the Group for both years. The auditor's reports were unqualified; did not include a reference to any matters to which the auditor drew attention by way of emphasis without qualifying its reports; and did not contain a statement under sections 406(2), 407(2) or (3) of the Hong Kong Companies Ordinance.

備註：

本財務報表乃根據香港會計師公會頒布的香港財務報告準則（包括所有香港財務報告準則、香港會計準則及詮釋）及香港公司條例編製。本財務報表根據歷史成本慣例編製，並以港幣呈報。

以上第69至70頁之綜合收支表及其他全面收益表以及綜合財務狀況表截至2026年3月31日及2025年3月31日止年度的財務資料，並不構成本公司有關年度的法定綜合財務報表，但這些財務資料均取自有關財務報表。有關該等法定財務報表須根據香港公司條例第436條作進一步披露的資料如下：

本公司是私人公司，因此毋須向公司註冊處遞交其財務報表，亦從未遞交過。

本公司的核數師已就本集團兩年的綜合財務報表作出報告。核數師呈交的無保留報告，並不包括該核數師在不作保留意見之情況下，以強調方式促請有關人士垂注任何事宜的提述，亦無載有根據香港公司條例406(2)、407(2)或(3)條所作出的陳述。

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