



HONG KONG
COMPUTER SOCIETY
香港電腦學會

香港國際電腦會議2024

4-5 November 2024 Hong Kong Convention and Exhibition Centre

HONG KONG INTERNATIONAL COMPUTER CONFERENCE 2024

From Generative AI (GAI) to
Artificial General Intelligence (AGI)
從GAI到AGI: 人工智能的現在與未來

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ABOUT HONG KONG INTERNATIONAL COMPUTER CONFERENCE 2024 (HKICC 2024)

MESSAGE FROM HONOURED GUESTS

The Honourable CHAN Kwok-ki, GBS, IDSM, JP

Chief Secretary for Administration,
The Government of the HKSAR

The Honourable Paul CHAN Mo-po, GBM, GBS, MH, JP

Financial Secretary,
The Government of the HKSAR

Professor the Honourable SUN Dong, JP

Secretary for Innovation, Technology and Industry,
The Government of the HKSAR

The Honourable Duncan CHIU

Legislative Council Member
(Technology and Innovation Constituency)

Ir Tony WONG, JP

Commissioner for Digital Policy,
The Government of the HKSAR

MESSAGE FROM ORGANISER

Dr Rocky CHENG

Professor Yike GUO

Professor Herbert CHIA, JP

CONFERENCE PROGRAMME

(Ref link: <https://hkicc.hkcs.org.hk/conference-programme/>)

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ABOUT ORGANISER

Background 背景

Founded in 1970, the Hong Kong Computer Society (HKCS), is the first well-recognised non-profit organisation focused on developing Hong Kong's Information Technology (IT) profession and industry. Members hail from a broad spectrum of Hong Kong's IT community, from corporations to like-minded individuals, all coming together to raise the profile and standards of our profession and industry.

香港電腦學會 (HKCS) 是非牟利機構，於1970年成立，致力於推動香港資訊科技 (IT) 專業及業界發展；會員來自香港廣泛範疇的資訊科技界，從公司到個人會員，共同為提升專業和業界的形象及水平而努力不懈。

Vision 願景

To serve Hong Kong as the leading ICT professional body.

作為領先的資訊及通訊科技專業團體，服務香港。

Goals 目標

For over five decades, the HKCS has been playing a vital role in molding IT culture in Hong Kong, and its energy, enthusiasm, and momentum are as positive today as when it was first formed. As a well-respected professional body, the Society is committed to professional and industry development as well as community services that ensure the IT sector continues to make a positive impact in peoples' lives with the following three main goals:

過去五十多年來，香港電腦學會在塑造香港資訊科技文化方面扮演重要角色，而本會洋溢的朝氣、熱誠和動力，亦始終如一。作為備受推崇的專業機構，本會致力於資訊科技專業和業界的發展，並積極參與社區服務，以確保資訊科技界繼續為市民生活作出貢獻。下列為本會三個主要目標：

1. Talent cultivation and professional development 人才培育和專業發展
2. Industry development and collaboration 業界的發展和合作
3. The effective use of IT in our community 資訊科技於社會上的有效運用

What We Do 我們的工作

Under the guidance of the HKCS Council, whose 25 members are recognised leaders hailed from the entire spectrum of our IT industry and profession, CIOB Board, Specialist Groups and ad-hoc Project Committees provide specialised knowledge and information in specific areas of interest and organise regular activities to help promote IT in Hong Kong, including conferences, seminars, workshops and visits on various subjects related to IT.

25位香港電腦學會的理事會成員，主要由國際科技公司、學術機構和大型企業的領導人所組成。資訊科技總監分部、各專家小組及特設項目委員會會在特定領域提供專業知識和資訊，並組織定期活動，包括會議、研討會和與IT相關的各種主題的訪問等，以推廣香港的資訊科技。

From Generative AI (GAI) to
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從GAI到AGI: 人工智能的現在與未來

Through its Council and Committee Members, the Society is well represented in Government, professional, and industry advisory bodies to contribute to and advise on policies, standards and applications related to IT in both public and private sectors. Based on Members' surveys and informed views of our Council and Committees, formal responses are regularly submitted to the Government in relevant consultation exercises.

本會透過理事會和委員會成員，充分參與政府、專業、業界的顧問組織，就與資訊科技相關的政策、標準和應用，為公共和私營部門作出貢獻和提供建議。根據本會向會員進行的調查，以及理事會和委員會委員的意見，本會定期向政府提交相關諮詢文件的正式回應。

Talent Cultivation and Professional Development 人才培育和專業發展

With Talent Cultivation and Professional Development being our primary goal, the Society persistently encourages our youths to pursue IT-related studies at our tertiary institutions and to take up IT as a career. As for continuing professional development, our 4 Specialist Groups (Artificial Intelligence, Cyber Security, Enterprise Architecture and Financial Technology) disseminate technical and application knowledge of topical interests to in-service professionals through forums and networking activities.

人才培育和專業發展是本會的首要目標。本會持續不斷地鼓勵青少年在大專院校選讀資訊科技相關的科目，並在將來投身資訊科技。持續專業發展方面，本會四個專家小組(人工智能、網絡安全、企業架構設計及金融科技)通過論壇和人際網絡活動，為在職的專業人員傳播各專題的技術性和應用性知識。

IT Leadership Accelerator Platform (iLEAP) was set up and launched in 2017 to equip senior IT practitioners with the crucial skills for navigating challenges in the new technological landscape and prepare themselves for more senior leadership roles, which in turn, nurture more elite leaders to support Hong Kong's economic development through ICT innovation.

IT領袖培訓平台(iLEAP)於2017年成立，旨在為IT管理人員提供應對新技術領域挑戰的關鍵技能，並為晉身更高級的領導角色作好準備，從而培養更多業界領袖，通過資訊及通訊科技創新，促進香港的經濟發展。

With broad support from our professional community, the Society is the pioneer in launching IT professional certification in Hong Kong, with eight certifiable titles, namely three master level titles (System Architect, Project Director, Quality Assurance Manager), one specialist level title (IT Project Manager) and four practitioner-level titles (Associate Project Manager, Business Analyst, System Operation Officer, Information Security Officer).

隨著從專業社群中得到廣泛的支持，本會亦是推動香港資訊科技專業認證的先驅，有八個認證項目，包括三個大師級別(系統架構師、項目總監、質素保證經理)、一個專家級別(資訊科技項目經理)及四個專業人員級別(助理項目經理、業務分析師、系統運作主管、資訊保安主管)。

Industry Development and Collaboration 業界發展及合作

Over the years, HKCS has established a strong network with local IT professional and organisations, with many co-organised and mutually supported events. Particularly worthy of note is reached an agreement on Reciprocal Recognition on Professional Qualifications RRPQ with the Hong Kong Institution of Engineers. An MOU was signed with the China Computer Federation in January 2018 to lay down the groundwork for deeper exchange and cooperation towards the development of IT profession in the future.

多年來，香港電腦學會透過各項合辦和互相支持的活動，與本地資訊科技專業人士和機構建立了強大的網絡。尤其值得注意的是本會與香港工程師學會（HKIE）達成了專業資格互認（RRPQ）協定。香港電腦學會與中國計算機學會（CCF）於2018年初簽署了合作備忘錄，讓雙方有更進一步的深化交流，為提升整體業界共同努力。

On the international front, an excellent example is its EXCO Membership of the Asia Pacific ICT Alliance (APICTA) which conducts the annual APICTA Awards with HKCS organising an annual delegation from Hong Kong to compete with entries from Asia Pacific economies. Hong Kong results have always been good to excellent over the past years.

國際方面，一個很好的例子是擔任亞太資訊及通訊科技聯盟（APICTA）的行政委員會成員，參與舉辦一年一度的亞太資訊及通訊科技大獎，每年由本會組織香港代表團與亞太經濟地區進行比賽；而在過去十年，香港的表現一直非常卓越，創出理想成績，為港爭光。

Contact 聯絡

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From Generative AI (GAI) to
Artificial General Intelligence (AGI)

從GAI到AGI: 人工智能的現在與未來

Hong Kong International Computer Conference 2024 (HKICC 2024)

Background 背景

The Hong Kong International Computer Conference (HKICC) is an annual flagship event organised by the Hong Kong Computer Society (HKCS) since 1978 and is one of the best and most popular ICT conferences in Hong Kong. It brings together ICT professionals and experts, government leaders and business executives from local and abroad to share and discuss the latest trends of ICT innovations and developments in enhancing business opportunities and productivity.

「香港國際電腦會議」(HKICC)自1978年由香港電腦學會創辦以來，已成為業界一年一度的盛事，深受香港以至亞太區的資訊科技界及社會人士歡迎。「香港國際電腦會議」匯集香港及國際的資訊科技專家、政府官員和商界管理層，共同分享與研討資訊及通訊科技在創新與發展上的最新趨勢，特別是促進商機及提升生產力方面。

Theme 主題

From Generative AI (GAI) to Artificial General Intelligence (AGI)

從GAI到AGI: 人工智能的現在與未來

HKICC Highlighted Topics 焦點議題

1) The State of Art of AI and its Future Development

AI的現況與未來發展

2) Applications of AI and the Changing Role of CIO

AI的應用及CIO角色的變革

3) New Developments in AI Technologies

AI的關鍵技術

4) Risk Management and Ethics of AI

AI的風險管理與道德議題

The theme of the 2024 HKICC Conference is "From Generative AI (GAI) to Artificial General Intelligence (AGI)." This overarching theme is categorized into four key sub-themes: "The State of Art of AI and its Future Development", "Applications of AI and the Changing Role of CIO", "New Developments in AI Technologies", and "Risk Management and Ethics of AI".

2024年香港國際電腦會議的主題是「從GAI到AGI:人工智能的現在與未來」。並分為四個焦點議題：「AI的現況與未來發展」、「AI的應用及CIO角色的變革」、「AI的關鍵技術」和「AI的風險管理與道德議題」。

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1) The State of Art of AI and its Future Development AI的現況與未來發展

In this session, it explores the current advancements in artificial intelligence, highlighting key technologies and methodologies that define the state of the art. It also examines future developments in AI, discussing potential trends, challenges, and opportunities that will shape the landscape of AI in the coming years.

於此主題中會主力探討人工智能的最新進展，重點介紹定義當今技術前沿的關鍵技術和方法論。以及討論人工智能的未來發展，分析未來幾年的潛在趨勢、挑戰和機遇。

2) Applications of AI and the Changing Role of CIO AI的應用及CIO角色的變革

Within the session, it focuses on the diverse applications of AI across various industries and sectors. It discusses how the integration of AI technologies is transforming the role of Chief Information Officers (CIOs), emphasizing the need for strategic leadership in leveraging AI to drive innovation and efficiency within organizations.

此主題會著眼於人工智能在各個行業和領域的多種應用。它討論了人工智能技術的整合如何改變首席資訊官(CIO)的角色，強調在利用人工智能推動企業創新和效率方面所需的戰略領導力。

3) New Developments in AI Technologies AI的關鍵技術

This session highlights the latest breakthroughs and innovations in AI technologies. It covers advancements in machine learning, natural language processing, computer vision, and other critical areas, showcasing how these developments are enhancing AI capabilities and enabling new applications.

此主題會強調人工智能技術的最新突破和創新。它涵蓋了機器學習、自然語言處理、電腦視覺等關鍵領域的進展，展示了這些發展如何增強人工智能的能力並啟用新的應用。

4) Risk Management and Ethics of AI AI的風險管理與道德議題

Within this session, it addresses the various risks associated with the deployment of AI technologies, including security, privacy, and ethical considerations. It emphasizes the importance of developing frameworks for risk management and ethical guidelines that ensure responsible AI usage and mitigate potential negative impacts on society.

於此主題中探討與人工智能技術部署相關的各種風險，包括安全性、隱私和倫理考量。它強調制定風險管理框架和倫理準則的重要性，以確保負責任地使用人工智能，減少對社會可能產生的負面影響。

Target Participants 目標參加人士

CEOs, CFOs, CTOs, CIOs, strategists, trend-setters, innovators, entrepreneurs, IS managers, operation and marketing managers, academics, and executives from the government, business and anyone interested in benefiting from a thriving ICT industry.

來自本地及世界各地的首席執行官、首席財務官、首席技術官、首席信息官、戰略家、趨勢制定者、創新者、企業家、MIS經理、營運經理、營銷經理、學者和政府管理階層人士。

From Generative AI (GAI) to
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從GAI到AGI: 人工智能的現在與未來



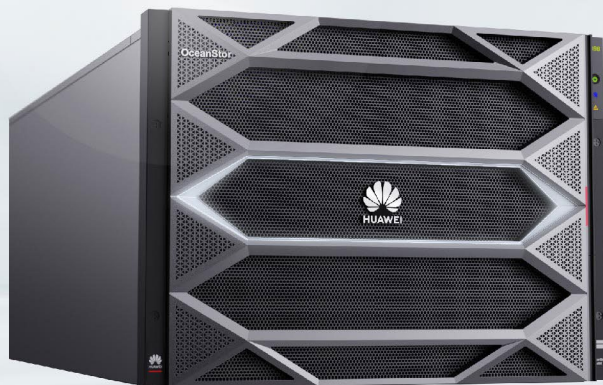
构建萬物互聯的智能世界



華為智能計算 不僅僅是AI服務器

算力覺醒 開創計算「芯」紀元

Huawei New-Gen High-Performance **AI Storage**



OceanStor A3000

24M IOPS | **500** GB/s | **144K** TFLOPS | **1000** TB/U



Ultra Performance



Scalability



Sustainability



New Data Paradigm



Data Resilience



Data Fabric

Ascend AI Software and Hardware Platform

Ultimate Performance and Effortless Simplicity

Industry Applications

Internet, finance, telecom, smart city, education, energy, transportation, manufacturing, and more



ModelArts



HiAI Service



Third-party platforms



Full-Pipeline Development Toolchain

Mgmt. and O&M Tools

Ascend Community

MindStudio

FusionDirector/SmartKit

hiascend.com

Application Enablement

MindX: Ascend Application Enablement



MindX DL

Deep learning enablement



MindX Edge

Intelligent edge enablement



ModelZoo

Preferred model library



MindX SDK

Industry SDKs

AI Framework



An all-scenario AI framework that is perfect for Ascend AI processors

PyTorch/TensorFlow/Other third-party frameworks

Model training and inference based on third-party frameworks

Heterogeneous Compute Framework

CANN

Unified heterogeneous compute architecture that unleashes optimal hardware power

Hardware



Device



Edge



Cloud

Atlas and partner series hardware



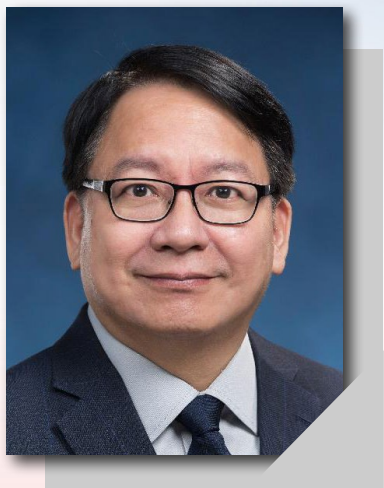
Ascend community



Ascend community app



MindSpore official website



MESSAGE FROM HONOURED GUEST

The Honourable CHAN Kwok-ki, GBS, IDSM, JP
Chief Secretary for Administration,
The Government of the HKSAR

香港國際電腦會議二零二四

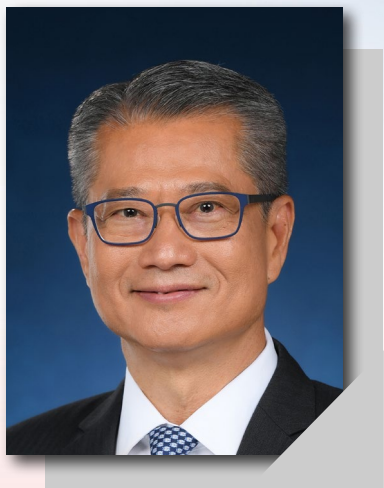
策研 遠科 啓圖 新進

政務司司長陳國基



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The Honourable Paul CHAN Mo-po, GBM, GBS, MH, JP
Financial Secretary,
The Government of the HKSAR

香港國際電腦會議二零二四

振興科技 嘉惠香江

財政司司長陳茂波



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MESSAGE FROM HONOURED GUEST

Professor the Honourable SUN Dong, JP

Secretary for Innovation, Technology and Industry,
The Government of the HKSAR

香港國際電腦會議二零二四

專才濟濟
碩果纍纍

創新科技及工業局局長孫東

孫東

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The Honourable Duncan CHIU

Legislative Council Member
(Technology and Innovation Constituency)

香港國際電腦學會二零二四

香港特別行政區立法會議員（科技創新界）邱達根

科技躍進 展新章

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MESSAGE FROM HONOURABLE GUEST

Ir Tony WONG, JP

Commissioner for Digital Policy,
The Government of the HKSAR

香港國際電腦會議二零二四

研創
展業
拓新
智

數字政策專員黃志光



From Generative AI (GAI) to
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MESSAGE FROM HKCS PRESIDENT

Dr Rocky CHENG, FHKCS 鄭松岩博士

President, Hong Kong Computer Society 香港電腦學會會長

I am pleased to announce that the Hong Kong International Computer Conference 2024 (HKICC2024), the annual flagship event of Hong Kong Computer Society (HKCS), will be held from 4th to 5th November 2024 at Hong Kong Convention and Exhibition Centre. Theme of the conference this year is “From Generative AI (GAI) to Artificial General Intelligence (AGI)”.

It is necessary for everyone to understand the development trend and potential of AI. Since the development of AI is closely related to our future, HKCS has established an Artificial Intelligence Specialist Group a few years ago, bringing together industry elites and scholars to discuss and promote the role of artificial intelligence technology in building smart city, supporting digital transformation in business and applying in smart daily life.

HKICC this year is to highlight the opportunities created by AI for Hong Kong and ICT industry. The conference will mainly focus on four major areas including “The State of Art of AI and its Future Development”, “Applications of AI and the Changing Role of CIO”, “New Developments in AI Technologies” and “Risk Management and Ethics of AI”.

World class technology experts, business leaders, academics and policy makers will gather and exchange their insights, and I believe the attendees will be benefited enormously.

I look forward to meeting you at the Hong Kong International Computer Conference 2024.

本人欣然宣佈，香港國際電腦會議2024（HKICC2024）將於今年11月4日至5日，於香港會議展覽中心舉行。本年的主題為「從GAI到AGI：人工智能的現在與未來」。

於人工智能的發展，與人類的未來息息相關；因此，香港電腦學會早於幾年前，已經設立了人工智能專家小組，匯聚業界精英和學者，共同探討和推動人工智能科技在建設智慧城市、企業數碼轉型、智能日常生活的應用。

本年度香港國際電腦會議的主題，將重點討論人工智能為香港社會經濟與資訊及通訊科技行業帶來的發展機遇。是次會議將有四大焦點議題，包括：「AI的現況與未來發展」、「AI的應用及CIO角色的變革」、「AI的關鍵技術」及「AI的風險管理與道德議題」。

世界級的資訊及通訊科技專家、商界領袖、學者及政府管理階層人士將雲集交流，並就各議題交換其真知灼見，相信將令出席者獲益良多。

希望能在香港國際電腦會議2024與你會面。多謝各位。

**From Generative AI (GAI) to
Artificial General Intelligence (AGI)**

從GAI到AGI：人工智能的現在與未來



MESSAGE FROM CONFERENCE CHAIRPERSON

Professor Yike GUO 郭毅可教授

Provost of The Hong Kong University of Science and Technology
Chairperson, HKICC 2024 Conference Committee

香港科技大學首席副校長

香港國際電腦會議2024籌備委員會主席

The Hong Kong International Computer Conference (HKICC) has been organised by the Hong Kong Computer Society (HKCS) annually since 1978. The main objective is to bring together ICT professionals, and business and government leaders from all over the world to explore opportunities that information technology can offer, and to share their successes and valuable insight. The conference has always been a significant event in the ICT industry. Last year, it attracted over 40 prominent speakers and over 1,000 delegates participating in the conference. More than 1,000 delegates are expected to attend the HKICC

event in person this year, representing a variety of local and overseas public and private organisations.

The theme of this year is "From Generative AI (GAI) to Artificial General Intelligence (AGI)".

Generative AI has revolutionised our interaction with technology. It empowers machines to create content by learning from vast datasets. This technology has already begun reshaping industries, from education, business to entertainment. However, as we harness these tools, we must remain vigilant about the ethical challenges they present, including issues of bias and privacy. AGI represents a level of intelligence where machines can understand, learn, and apply knowledge across a wide range of tasks, much like a human. This is not merely an extension of GAI; it is a paradigm shift that could redefine our relationship with technology. The road to AGI is fraught with both opportunities and challenges. On one hand, AGI could lead to unprecedented advancements in fields where intelligent systems can analyze complex data sets to improve outcomes. On the other hand, the potential for misuse - whether through malicious applications or unintended consequences - demands our attention. As we move forward, collaboration across disciplines will be essential. By bringing together experts in AI, we can create a holistic approach that addresses the multifaceted nature of AGI. Our exploration from GAI to AGI is not just a technological journey; it is a societal one. As we embrace these advancements, let us commit ourselves to fostering an environment where innovation thrives alongside ethical considerations.

It is an honour to invite experts from different areas as our speakers and gain inspiration and opportunities by sharing their vision and wisdom. Participants will be able to have a better understanding of the development potential of digital economy. I am sure you will be able to get lots of valuable insights and inspirational ideas.

I am delighted to have you all with us to participate and share in Hong Kong International Computer Conference 2024. Look forwards to seeing you.

「香港國際電腦會議」(HKICC)自1978年由香港電腦學會創辦以來，已成為業界一年一度的盛事，深受香港以至亞太區的資訊科技界及社會人士歡迎，旨在匯集香港及亞太區的資訊科技專才、商家和政府官員，發表研究成果、真知灼見與交流經驗。延續去年會議吸引了逾40位行業專才擔任講者及逾1,000位出席者參與之佳績，本年「香港國際電腦會議」，預計將可吸引逾1,000位來自世界各地的代表出席會議，繼續為資訊科技專才及企業提供廣泛交流的機會。

本屆主題為「從GAI到AGI：人工智能的現在與未來」。「生成式人工智能」(GAI)已經徹底改變了人類與科技的互動。GAI能使機器通過學習大量資料集以創建內容。該項技術已開始重塑各行各業，從教育、商務到娛樂。然而，在利用這些工具時，我們必須對其所帶來的倫理挑戰保持警惕，包括偏見和隱私問題。至於「通用人工智能」(AGI)，則代表了一種智慧水平，機器能與人類相似，理解、學習並在廣泛的任務中應用知識。這已僅非GAI的延續發展，而是一個思維方式的轉變，可能重新定義人類與科技的關係。由GAI通往AGI之路，充滿了機遇和挑戰。一方面，AGI可能在智能系統上，透過分析複雜的資料集從而得出更好的結果，為不同領域帶來前所未有的進步。另一方面，潛在的誤用，無論是惡意還是意外造成錯失，也須予以關注。在前進的過程中，跨學科的協作將是成功的關鍵因素。通過匯聚一眾人工智能專家，我們可以創建一個兼顧全面的整體方案，以應對AGI的多元化。人類由GAI到AGI的探索，不僅是一次科技之旅，也是一次社會發展的歷程。當我們向前邁步時，也須承諾營造一個創新與倫理並重的環境。

對於能邀請到來自不同領域的專家，擔任會議的演講者，本人深感榮幸。與會者能通過他們分享的視野和智慧，獲得靈感 and 機會，並能對數字化經濟的發展潛力有更好的理解。本人相信，你會獲得許多有價值的見解，以及鼓舞人心的想法。

本人期望在香港國際電腦會議2024與你會面。多謝各位。

**From Generative AI (GAI) to
Artificial General Intelligence (AGI)**

從GAI到AGI：人工智能的現在與未來



MESSAGE FROM PROGRAMME CHAIRPERSON

Professor Herbert CHIA, JP 車品覺教授太平紳士

Programme Chairperson, HKICC 2024 Conference Committee
香港國際電腦會議2024程序主席

The theme of the Hong Kong International Computer Conference 2024 (HKICC 2024) is "From Generative AI (GAI) to Artificial General Intelligence (AGI)". We will explore the potentials and opportunities brought by the development of Artificial Intelligence (AI), for Hong Kong ICT industry in four major areas including "The State of Art of AI and its Future Development", "Applications of AI and the Changing Role of CIO", "New Developments in AI Technologies" and "Risk Management and Ethics of AI".

In "The State of Art of AI and its Future Development" session, it explores the current advancements in AI, highlighting key technologies and methodologies that define the state of the art. It also examines future developments in AI, discussing potential trends, challenges, and opportunities that will shape the landscape of AI in the coming years.

Within "Applications of AI and the Changing Role of CIO" session, it focuses on the diverse applications of AI across various industries and sectors. It discusses how the integration of AI technologies is transforming the role of Chief Information Officers (CIOs), emphasising the need for strategic leadership in leveraging AI to drive innovation and efficiency within organizations.

"New Developments in AI Technologies" session highlights the latest breakthroughs and innovations in AI technologies. It covers advancements in machine learning, natural language processing, computer vision, and other critical areas, showcasing how these developments are enhancing AI capabilities and enabling new applications.

Within "Risk Management and Ethics of AI" session, it addresses the various risks associated with the deployment of AI technologies, including security, privacy, and ethical considerations. It emphasises the importance of developing frameworks for risk management and ethical guidelines that ensure responsible AI usage and mitigate potential negative impacts on society.

Professionals including CEOs, CFOs, CTOs, CIOs, Strategists, Trendsetters, Innovators, Entrepreneurs, MIS Managers, Operation Managers, Marketing Managers, Academics, and Policy Makers from both local and international corporations will gather onsite and online to share their pearls of wisdom, experiences and visions.

I sincerely invite you to attend this annual ICT industry event to meet the world-class leaders and scholars at HKICC 2024.

香港國際電腦會議2024的主題為「從GAI到AGI：人工智能的現在與未來」，將探討人工智能發展，為香港資訊科技業界帶來的潛力和機遇。會議將就四大範疇包括「AI的現況與未來發展」、「AI的應用及CIO角色的變革」、「AI的關鍵技術」及「AI的風險管理與道德議題」等作出探討。

「AI的現況與未來發展」環節，會主力探討人工智能的最新進展，重點介紹定義當今技術前沿的關鍵技術和方法論。以及討論人工智能的未來發展，分析未來幾年的潛在趨勢、挑戰和機遇。

而「AI的應用及CIO角色的變革」方面，會著眼於人工智能在各個行業和領域的多種應用。它討論了人工智能技術的整合如何改變資訊科技總監 (CIO) 的角色，強調在利用人工智能推動企業創新和效率方面所需的戰略領導力。

在「AI的關鍵技術」環節，會強調人工智能技術的最新突破和創新。它涵蓋了機器學習、自然語言處理、電腦視覺等關鍵領域的進展，展示了這些發展如何增強人工智能的能力並啟用新的應用。

至於「AI的風險管理與道德議題」環節，則會探討與人工智能技術部署相關的各種風險，包括安全性、隱私和倫理考量。它強調制定風險管理框架和倫理準則的重要性，以確保負責任地使用人工智能，減少對社會可能產生的負面影響。

來自本地及世界各地的行政總裁、財務總監、技術總監、資訊科技總監、戰略家、趨勢制定者、創新者、企業家、MIS經理、運營經理、營銷經理、學者和政府管理階層人士，將在網上濟濟一堂，共同分享智慧、經驗及視野。

本人誠意邀請你出席這個一年一度的資訊及通訊科技業界盛事，與世界級的資訊科技領袖及學者在會議會面。機會難逢，萬勿錯過。

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Day 1 4 November 2024 (Monday)

Sub Topic: The State of Art of AI and its Future Development AI的現況與未來發展

Session Chair: **Mr Dave CHEN**, Vice President (Emerging Technologies), HKCS

9:30 - 9:55 (25mins)	Opening Ceremony Guest of Honour: Ms Lillian CHEONG, JP , Acting Secretary for Innovation, Technology and Industry, the Government of the HKSAR
10:00 - 10:25 (25mins)	Keynote 1 - Professor Yike GUO , Provost, Hong Kong University of Science and Technology
10:30 - 10:55 (25mins)	Keynote 2 - Professor Wenshu ZUO , President, Huawei Cloud Security Domain, Huawei International Co. Limited Topic: AI empowers security, and security safeguards AI (AI使能安全，安全護航AI)
10:55 - 11:12	Tea Break sponsored by Equinix
11:15 - 11:40 (25mins)	Keynote 3 - Mr Jeff FU , Senior Expert, Head of Product Solution Team, Alibaba Cloud Tongyi LLM Lab Topic: Innovation and Practice of GenAI in Chinese Enterprise
11:45 - 12:30 (45 mins)	Panel discussion 1 Topic: Charting Our Future with Artificial Intelligence Moderator: Professor Samson TAI , Professor of Practice, Data Economy Lab, Hong Kong Baptist University and Convenor of AI Specialist Group, HKCS Panelists: 1. Dr Alan CHEUNG , Chief Director, Hong Kong Applied Science and Technology Research Institute 2. Mr Clarence CHEUNG , Global Head of Wholesale Business Risk Analytics, HSBC 3. Mr Eric CHIU , Senior Principal of Industry Architect, Hewlett Packard Enterprise 4. Dr Crystal FOK , Director of AI Applications, Hong Kong Cyberport Management Company Limited 5. Mr Kane WU , CEO and Founder, ThinkCol Transform Limited
12:30 - 13:50	Executive Luncheon sponsored by Huawei (by invitation only)

From Generative AI (GAI) to
Artificial General Intelligence (AGI)

從GAI到AGI: 人工智能的現在與未來

Day 1 4 November 2024 (Monday)

13:55 - 14:00
(5mins)

Sub Topic: Applications of AI and the Changing Role of CIO
AI的應用及CIO角色的變革

Session Chair: **Ir Dr John HUI**, Vice President (Digital Leadership), HKCS

14:00 - 14:25
(25mins)

Keynote 4 - Professor Jiaya JIA, Chairman, SmartMore Corporation Limited
Topic: Mini-Gemini - A New Large Multi-Modal Model

14:30 - 14:55
(25mins)

Keynote 5 - Mr Peng Yuen LOKE, Build Leader Asia Pacific, IBM
Mr Peter LEE, CTO Hong Kong, IBM
Topic: AI Governance - AI Acceleration without Losing Control

15:00 - 15:25
(25mins)

Keynote 6 - Mr Andre BLUMBERG, Chief Digital Officer,
CLP Power Hong Kong
Topic: Navigating the AI Revolution

15:30 - 16:15
(45mins)

Panel discussion 2
Topic: How CIO setup AI strategy?

Moderator:

Mr Richard LEUNG, Group Chief Information Officer of HKEX and
Chairperson of CIO Board, HKCS

Panelists:

1. **Mr Andre BLUMBERG**, Chief Digital Officer, CLP Power Hong Kong
2. **Mr Forrest CHAI**, Chief Information Officer, Hang Seng Bank
3. **Mr Stephen LEUNG**, Group Chief Information Officer,
The Bank of East Asia, Limited
4. **Mr Wai-yin WAN**, Chief Information Officer, MTR Corporation Limited
5. **Ms Charlotte WONG**, Managing Director, Chief Information Officer Hong
Kong, HSBC

16:20 - 17:05
(45mins)

Panel discussion 3
**Topic: Navigating the Future: Real-World Experiences and Challenges in
Adopting Emerging Technologies**

Moderator:

Mr Dave CHEN, Vice President (Emerging Technologies), HKCS

Panelists:

1. **Mr John HSU**, Group Chief Technology Officer, Hong Kong Exchanges and
Clearing Limited
2. **Mr Calvin LAI**, Chief Architect, The Hong Kong Jockey Club
3. **Dr Andy LUK**, Head of Digital Transformation & Insights,
Hong Kong Express Airways Limited
4. **Dr Darron SUN**, Chairman of Digital Transformation Committee,
The Institute of Certified Management Accountants
5. **Dr Peter WONG**, Chief Technology Officer, Prenetics

17:05

End of Day 1

**From Generative AI (GAI) to
Artificial General Intelligence (AGI)**
從GAI到AGI: 人工智能的現在與未來

Day 2 5 November 2024 (Tuesday)**Sub Topic: New Developments in AI Technologies AI的關鍵技術**Session Chair: **Mr Dave CHEN**, Vice President (Emerging Technologies), HKCS

9:45 - 9:55 (10mins)	Guest of Honour: Ir Tony WONG, JP , Commissioner for Digital Policy, HKSARG
10:00 - 10:25 (25mins)	Keynote 7 - Professor Qiang YANG , Chief AI Officer, WeBank Topic: Federated LLM and Fintech Applications
10:30 - 10:55 (25mins)	Keynote 8 - Mr Stephen NGAN , Executive Partner, Gartner Topic: What is your Enterprise's AI Ambition?
10:55 - 11:12	Tea Break sponsored by Equinix
11:15 - 11:40 (25mins)	Keynote 9 - Mr Samuel LO , General Manager, NVIDIA Topic: AI Factory for the New Industrial Revolution
11:45 - 12:30 (45 mins)	Panel discussion 4 Topic: AI for Climate Change and Sustainability Moderator: Dr Albert WONG , Partner, Public Sector Consulting, PricewaterhouseCoopers Hong Kong and Vice President (Member Services) & Hon Secretary, HKCS Panelists: 1. Professor Andy CHUN , Professor of Practice, Department of Computing, The Hong Kong Polytechnic University 2. Mr Patrick LEE , Director, PSL Innovation & Technology Ltd. 3. Mr Martin LIU , Assistant Director, Platform Development, Digital Service Hub, Hong Kong Science and Technology Parks Corporation 4. Mr Alex WONG , Designated General Manager - Corporate Information Technology, The Hong Kong and China Gas Company Limited
12:30 - 13:50	Executive Luncheon sponsored by Dell (by invitation only)

From Generative AI (GAI) to
Artificial General Intelligence (AGI)
從GAI到AGI: 人工智能的現在與未來

Day 2 5 November 2024 (Tuesday)

13:55 - 14:00 (5mins)	Sub Topic: Risk Management and Ethics of AI AI的風險管理與道德議題 Session Chair: Dr Albert WONG , Vice President (Member Services), HKCS
14:00 - 14:25 (25mins)	Keynote 10 - Professor Helen MENG , Patrick Huen Wing Ming Professor of Systems Engineering & Engineering Management, The Chinese University of Hong Kong Topic: Building a Responsible AI Future: Ethics, Safety, and Governance in Education and Research
14:30 - 14:55 (25mins)	Keynote 11 - Ms Ada CHUNG , The Privacy Commissioner for Personal Data, Office of the Privacy Commissioner for Personal Data Topic: Safeguarding Personal Data Privacy in the Age of AI: Governance Recommendations
15:00 - 15:25 (25mins)	Keynote 12 - Mr Raymond LAM , Chief Superintendent of Cyber Security and Technology Crime Bureau, Hong Kong Police Force Topic: Risk Management and Ethics of AI
15:30 - 16:15 (45mins)	Panel discussion 5 Topic: Role of CISO in the emerging world of AI Moderator: Mr Paul WAN , Convenor of Cyber Security Specialist Group, HKCS Panelists: 1. Mr Colin SHE , Security Consultant (Hong Kong & Macau), Check Point Software Technologies Limited 2. Mr Derek SHIH , Deputy General Manager, IT Risk Management, China CITIC Bank International 3. Mr Dicky WONG , Head of Cyber Security and Technology Risk, New World Development 4. Dr Gary YIU , Head of Risk Management, Hong Kong Interbank Clearing Limited
16:20 - 17:05 (45mins)	Panel discussion 6 Topic: The Upsides and Undersides of AI Moderator: Professor Helen MENG , Patrick Huen Wing Ming Professor of Systems Engineering & Engineering Management, The Chinese University of Hong Kong Panelists: 1. Ms Joyce LIU , Acting Senior Legal Counsel (Global Affairs & Research), Office of the Privacy Commissioner for Personal Data 2. Mr Brian SUN , Chief Systems Manager (Data Applications)2, Digital Policy Office, HKSARG 3. Professor Liwei WANG , Assistant Professor, Computer Science and Engineering department, The Chinese University of Hong Kong 4. Professor Yi ZENG , Director, International Research Center for AI Ethics and Governance, and Professor, Institute of Automation, The Chinese Academy of Sciences
17:05	End of Day 2

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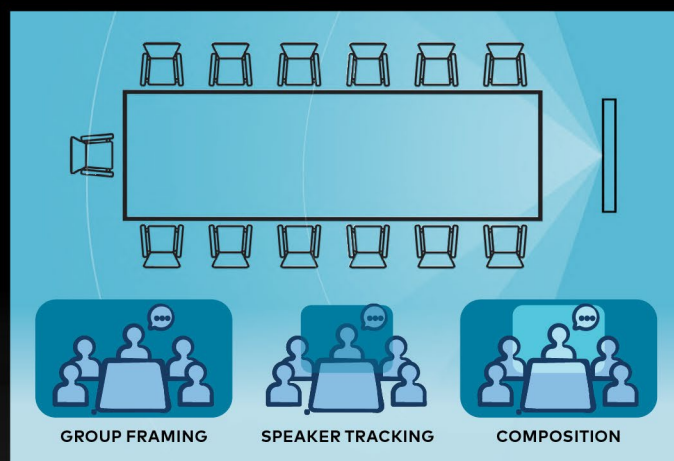
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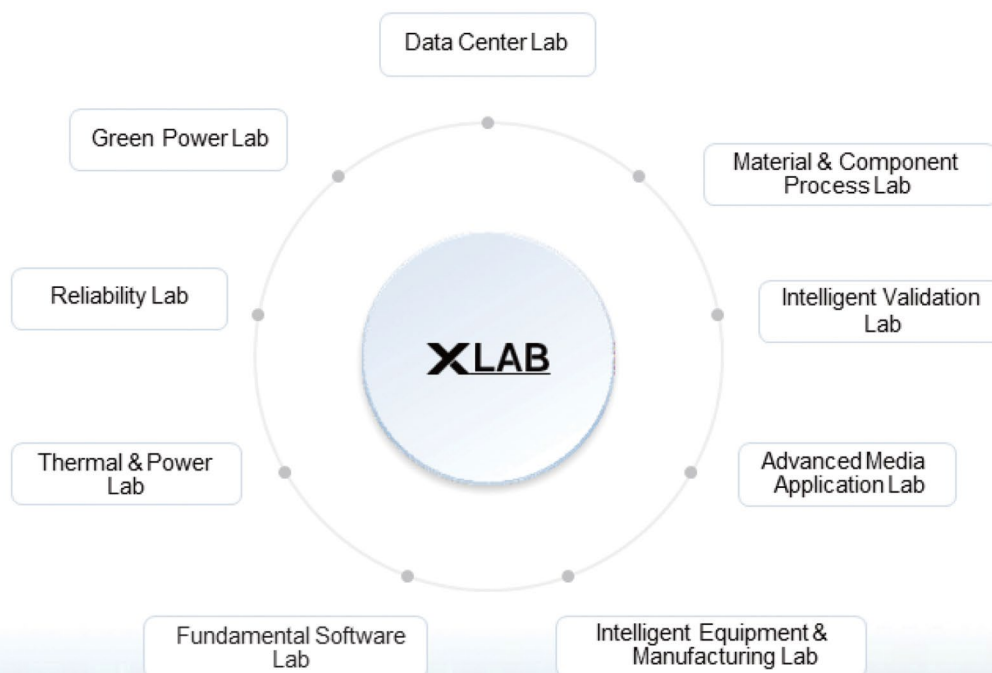
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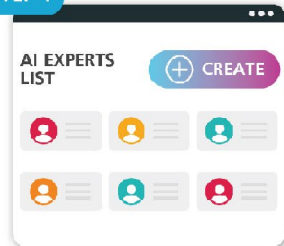
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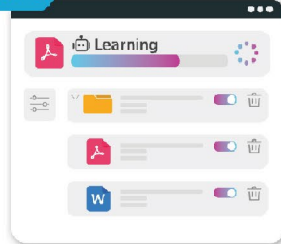
How AI Knowledge Hub Works?

STEP 1



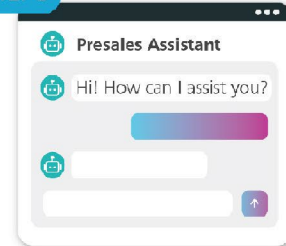
Customized Databases

STEP 2



Instant Knowledge Generation

STEP 3



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Venue

Meeting Room S421 of Hong Kong Convention and Exhibition Centre (HKCEC), Old Wing, Wanchai
(Please go to L4 via Harbour Road Entrance)

Registration

The Conference Registration Counter will be opened from 09:00 to 17:05 on 4 and 5 November respectively. Please bring along your E-tickets with QR code to obtain your identification badge at the Registration Counter. All speakers/panelists are required to arrive at least 45 minutes before his / her scheduled session.

Opening Ceremony

4 November Monday at 9:30am.

Language

English and Mandarin are the official languages of the Conference.

Dress Code

Business suit or equivalent is recommended throughout the Conference.

Identification Badge

For security reasons and for the purpose of better service, please wear your identification badge at all times during the Conference. Your badge will serve as your admission to all Conference Sessions.

Personal Property

Please take good care of your personal belongings. Do not leave them unattended. The organiser will not be responsible for any loss or damage of your personal property.



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