



科技創新·夢想成真

Making Dreams Come True with Science, Technology and Innovation



科技創新·夢想成真

Making Dreams Come True with Science, Technology and Innovation

創新在港 Innovation in Hong Kong

科技行先 Science and Technology First

應用轉化 Application and Transformation

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中銀香港科技創新獎 BOCHK Science and Technology Innovation Prize



嘉許主要在香港進行科學技術創新和科技成果轉化、 取得傑出成就的科技工作者和科研團隊

Reward outstanding scientists and research teams for their significant achievements in scientific and technological innovation and transformation in Hong Kong



鼓勵科創者瞄準世界科技前沿、對接國家重大戰略 需求、促進社會經濟民生進步

Encourage researchers and innovators to aim at the forefront of world science and technology, to meet the country's major strategic needs, to impact economic and social development, and to improve people's livelihood

五大特點

Five Key Features





Led by Scientists and Industry Leaders

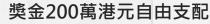


Value the Application of Scientific & Technological Achievements



歡迎社會大眾提名

Welcome Nominations from the General Public



Award No-Strings-Attached 2,000,000 HKD



2023時間表

Timeline

7-8月

提名期

July-August Nomination

9月

評審期

September

Review

10月

公布結果

October

Announcement

12月

頒獎禮

December

Award Ceremony

提名對象

Nomination Target



擁護《中華人民共和國香港特別行政區基本法》,有高尚的 社會公德和職業道德。

Awardees should support the Basic Law of the Hong Kong Special Administrative Region of the People's Republic of China and hold high social morality and professional ethics.



科創或科研工作主要在香港地區完成。

Technological innovation or scientific research work that is subject of an award has been primarily completed in Hong Kong.



候選人原則上不得超過 50 週歲(提名截止日之前),但對於特別卓越的候選人,年齡限制可放寬至 55 週歲。

The candidates should in principle be under the age of 50 at the deadline of nomination, but the age limit can be extended to 55 for exceptional candidates.



已獲得本獎項者,5年內不會再被考慮獲獎。

Those who have already won this prize will not be considered within 5 years.

誰可提名

Who Can Nominate

任何人(科研方面的專家、科創機構的企業家和管理者尤其歡迎)

Anyone (scientists, entrepreneurs and senior managers from scientific and technological sectors are particularly welcome)

受邀機構

Invited Institutions

如何提名

How to Nominate

在本獎官網 www.stip.hk 點擊「立即提名」

Click Nomination on the official website at www.stip.hk

關於評審

About Review



評審標準

科學技術創新成果 成果轉化情況 社會效益

經濟效益

Review Criteria

Scientific and Technological Innovation Achievements Transformation of the Achievements Social Value **Economic Value**



評審流程

初篩 初審

終審

Review Process

Pre-selection Pre-review Final Review



評審原則

獨立判斷 客觀評價

Review Principle

Independent Judgment **Objective Evaluation**



合規監督

披露利益衝突 堅守迴避原則

Compliance Supervision

Disclosure of Potential Conflict of Interest Implementation of Abstention

五大領域

Five Eligible Fields



- 配合國家「十四五規劃」提出的九大「戰略性新興產業」,包括新一代信息技術、生物技術、新能源、新材料、高端裝備、新能源汽車、綠色環保以及航空航天、海洋裝備等
- In response to the nine Strategic Emerging Industries proposed by the nation's 14th Five-Year Plan, namely next-generation information technology, biotechnology, new energy, new materials, high-end equipment, new-energy vehicles, green and environmental protection technology, aeronautics and astronautics, and marine equipment

- 契合特區政府的倡議,聚焦生命健康科技、人工智能與數據科學、 先進製造及新能源科技等產業發展
- In line with the initiatives that the Government of the Hong Kong Special Administrative Region focuses on, namely life and health technology, AI and data science, advanced manufacturing, and new energy technology

人工智能及機器人

Artificial Intelligence and Robotics



郭毅可教授 評審主席

Prof. Yike Guo
Chairperson

人工智能是人類對自身能力的理解和拓展的偉大努力,其產生的 技術已經在金融、醫療、製造、科學發現、社會治理等各個領域 得到廣泛應用,成為一種新的社會生產力,正深刻地影響著今時 今日人類社會的發展。

Artificial Intelligence is a great effort for human beings to understand and expand their own capabilities. The technology it produces has been widely used in various fields such as finance, medical care, manufacturing, scientific discovery, and social governance. It has become a new social productivity and is profoundly affecting the development of human society today.

生命健康 Life and Health



盧煜明教授 評審主席

Prof. Y. M. Dennis Lo
Chairperson

健康是人類經久不衰的普遍追求,科學家以『人民至上、生命至上』的理念,探索基因、疫苗、醫學診斷等問題。

Health is an enduring universal pursuit for human beings. Holding to the concept of "people and their lives first", scientists explore the questions of genes, vaccines, and medical diagnosis.

提名範疇

人工智能基礎、計算機視覺、語音辨識和合成、機器翻譯、機器學習和數據挖掘方法、知識工程、基於人工智能 的問題解決技術、人工智能藝術創作與創意媒體、智能代理與智能機器人、專用機器人系統、類腦計算研究、腦 機交互、人工智能應用、人工智能系統開發平台等。

Fields relevant for nomination include

Foundation of Artificial Intelligence, Computer Vision, Speech Recognition and Synthesis, Machine Translation, Machine Learning and Data Mining Methods, Knowledge Engineering, AI-based Problem Solving, Artificial Intelligence Art Creation and Creative Media, AI Agents and Intelligent Robots, Special Purpose Robot Systems, Brain-like Computing Research, Brain-Computer Interaction, Artificial Intelligence Applications, and Artificial Intelligence System Development Platform.

提名範疇

基因組學、醫學診斷、創新治療方法、微生物學和病毒學、疫苗發展、流行病學、醫療器械、免疫學、農業技術等。

Fields relevant for nomination include

Genomics, Medical Diagnostics, Innovative Therapeutics, Microbiology and Virology, Vaccine Development, Epidemiology, Medical Devices, Immunology, Agricultural technologies, etc.





新材料新能源

New Materials and New Energy



Prof. Vivian Wing-Wah Yam
Chairperson

新材料新能源是科技創新的重要突破口,是應對全球能源和資源 需求、維護人類可持續發展的重要出路。

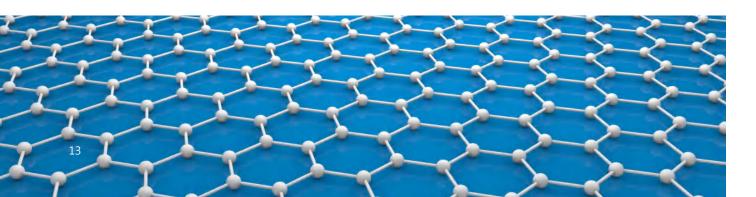
New Materials and New Energy are important breakthroughs in scientific and technological innovation, and important ways out to meet global energy and resource needs and maintain sustainable development of mankind.

提名範疇

具有新穎的功能特性的新有機/金屬有機分子材料、無機/固態材料、聚合物/高分子、納米材料、二維材料、量子材料、膠體、雜化/複合材料、軟/超分子材料、生物/仿生材料的研究等。委員會歡迎在物理、化學、生物學/醫學、工程和材料科學及跨學科範疇實現具創新思維/概念/前沿概念的新功能材料和新能源基礎研究或具影響力的轉化研究的原創性貢獻工作。這些可以包括但不限於嶄新的合成策略和設計、合成/製備方法、新現象/反應機理/特性、新理論和方法、新的能量轉換和儲存機理及高效、可利用清潔能源的新器件。

Fields relevant for nomination include

discovery of new organic/organometallic molecular materials, inorganic/ solid-state materials, polymers/macromolecules, nanomaterials, two-dimensional materials, quantum materials, colloids, hybrid/composite materials, soft supramolecular materials, bio-/bioinspired materials etc. with novel functional properties. Original innovative contributions that demonstrate novel ideas concepts/conceptual advances at the cutting edge of science, fundamental and impactful translational research that interface of physics, chemistry, biology/medicine, engineering, and materials science to achieve new functional materials and new sources of energy are welcome. These can include but are not limited to new synthetic strategies and designs, synthesis/ preparation methods, new phenomena/ mechanisms/ properties, new theories and methods, new energy conversion and storage mechanisms, and new devices to achieve efficient and clean utilization of energy.



先進製造

Advanced Manufacturing



文効忠教授 評審主席

Ir. Prof. H.C. Man Chairperson

先進製造將先進加工技術與工業**4.0**相結合,實現智能制造,以支持智能產品、材料和流程的開發。

Advanced Manufacturing to combines advanced processing technology with Industry 4.0 to realize smart manufacturing, and then to support the development of smart products, materials and processes.

提名範疇

先進及智能製造工藝及流程、製造系統及策略、物流供應鏈等。凡是開創及應用新技術、大數據分析、物聯網、 傳感器、數碼製造等以提升產品性能及生產力、亦同時減輕整體供應鏈的碳排放等創新科研成就,均可參與。

Fields relevant for nomination include

advanced and intelligent manufacturing processes, manufacturing systems and strategies, logistics, and supply chains etc. Nominations that involve applications of new technologies, data analytics, IoT, sensors, digital manufacturing etc., that facilitate innovations which can enhance the functionality and productivity of the product and reduce the carbon footprint throughout the entire supply chain of the manufacturing industry are most welcome.



金融科技

FinTech



譚嘉因教授 評審主席

Prof. Kar Yan Tam
Chairperson

金融科技,推動銀行業和金融服務業的革命性轉變,創造出更優質、更普惠、更多元、更全面的金融服務環境。

Fintech promotes the revolutionary transformation of the banking and financial service industries, creating a better, more inclusive, more diverse and more comprehensive financial service environment.

提名範疇

通過科技(包括但不限於人工智慧、區塊鏈/分佈式賬本、大數據分析、機器學習、雲/邊緣計算和物聯網)優化 及改造金融服務的各類提名。金融服務業的範圍廣泛且在逐漸蛻變,涉及銀行、保險、證券投資、支付、金融風 險治理、監管合規和網路安全管理等。金融科技解決方案可以完善或顛覆現有的金融服務,以實現更全面的服務 更好的金融包容性、多樣性和 ESG 表現。

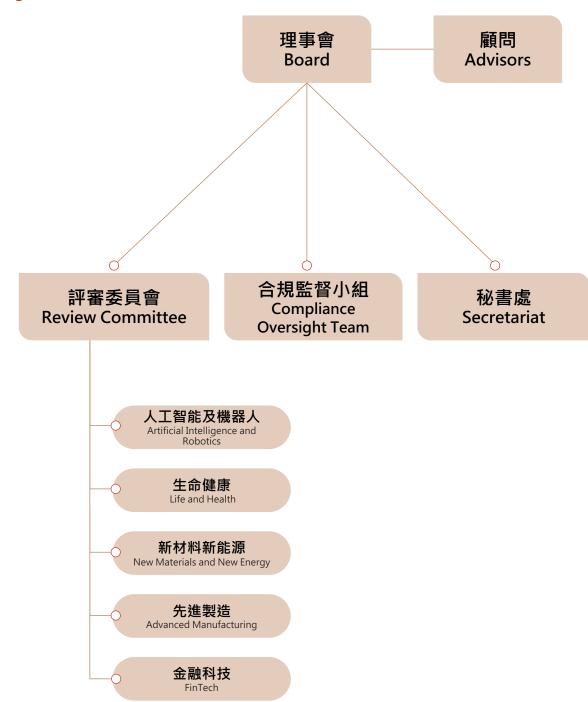
Fields relevant for nomination include

innovative solutions that enhance and transform the delivery of financial services through science and technology (including but not limited to artificial intelligence, blockchain/distributed ledger, big data analytics, machine learning, cloud/edge computing and internet of things). Financial services have an extensive and evolving scope, for example relating to banking, insurance, securities investment, payments, financial risk governance, regulatory compliance and cyber security management. Fintech solutions generally would augment or disrupt existing financial services to render a more comprehensive service offering, and may thereby achieve better financial inclusion with diversity and ESG impact.



組織架構

Organisation Structure



Professor, Department of Electronic & Computer Engineering, HKUST

Chairman, Society of Information Display – Hong Kong Chapter

Member, the Institute of Electrical and Electronic Engineers

Director, State Key Laboratory of Advanced Displays and Optoelectronics

理事會

主席 President



盧煜明教授

香港中文大學醫學院副院長(研究) 香港科學院院長 英國皇家學會院士 美國國家科學院外籍院士 世界科學院院士

Prof. Y. M. Dennis Lo

Associate Dean (Research), Faculty of Medicine, CUHK President, The Academy of Sciences of Hong Kong Fellow, The Royal Society, U.K. Foreign Associate, U.S. National Academy of Sciences Fellow, The World Academy of Sciences

副主席 Vice Presidents



申作軍教授

香港大學副校長 運籌學與管理學研究協會院士 香港工程科學院院士

Prof. Max Shen

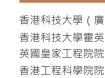
Vice President, HKU

Fellow, Institute for Operations Research and the Management Sciences Fellow of the Hong Kong Academy of Engineering Sciences



吳宏偉教授

香港科技大學(廣州)副校長 香港科技大學霍英東研究生院院長 英國皇家工程院院士 香港工程科學院院士



第十三屆及十四屆全國政協委員 香港特別行政區第七屆立法會議員

Prof. Charles W. W. Ng

Vice President of HKUST (Guangzhou) Dean of HKUST Fok Ying Tung Graduate School Fellow of the Hong Kong Academy of Engineering Sciences Fellow of Royal Academy of Engineering, U.K. Fellow of the Hong Kong Academy of Engineering Sciences

黃錦輝教授

香港中文大學工程學院副院長(外務)

Prof. Kam Fai Wong

Member of the 13th & 14th National Committee of CPPCC Member of the Seventh Legislative Council of HKSAR Associate Dean (External Affairs), Faculty of Engineering, CUHK



趙汝恒教授

香港理工大學副校長、科技及創新政策研 究中心主任 特首政策組專家組(研究策略專家組)成員 美國機械工程師學會會士

英國機械工程師學會會士

香港工程科學院院士



鄭松岩博士

中國銀行(香港)有限公司首席信息官 香港電腦學會會長

特區政府數字化經濟發展委員會成員 特區政府創新科技與產業發展委員會成員

Prof. Christopher Chao

Vice President & Director of Policy Research Center for Innovation and Technology, PolyU

Member of Chief Executive's Policy Unit Expert Group (Research Strategy Expert Group)

Fellow of The American Society of Mechanical Engineers Fellow of Institution of Mechanical Engineers, U.K. Fellow of Hong Kong Academy of Engineering Sciences

Dr. Rocky Cheng

Chief Information Officer of Bank of China (Hong Kong) Limited President of the Hong Kong Computer Society Member of the Digital Economy Development Committee of the HKSAR Member of the Committee on Innovation, Technology and Industry Development of

理事 Members



王文教授

香港科技大學電子及計算機工程學系教授、 顯示技術研究中心主任 先進顯示與光電子技術國家重點實驗室主 任(香港科技大學) 國際資訊顯示學會香港分會主席 國際電機與電子工程師學會會員

吳呂愛蓮教授

香港大學病理學系講座教授 肝病研究國家重點實驗室 (香港大學)主任

Prof. Irene Oi-Lin Ng

Director, Center for Display Research, HKUST

Prof. Man Wong

Technologies (HKUST)

Chair Professor of Department of Pathology, HKU Director of the State Key Laboratory of Liver Research (HKU)



呂堅教授

香港城市大學工學院院長 國家貴金屬材料工程技術研究中心 香港分中心主任 法國國家技術科學院院士 香港特別行政區創新、科技及再工業化 委員會非官方委員

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Dean of College of Engineering, CityU Director of Hong Kong Branch of National Precious Metals Material Engineering Research Center Fellow of National Academy of Technologies of France Non-official Member of Committee on Innovation, Technology and Re-industrialisation, HKSAR



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香港大學梅雅基金教授(腦神經心理學)

Ir. Prof. Anderson Ho Cheung Shum

Professor of Mechanical Engineering & Director of the Advanced Biomedical Instrumentation Centre, HKU Fellow of the Royal Society of Chemistry, U.K. President of the Young Academy of Sciences of Hong Kong Member of the Global Young Academy



李湄珍教授

香港全球青年學院會員

香港大學心理科學和臨床心理學講座教授 腦與認知科學國家重點實驗室 (香港大學)主任

Prof. Tatia M.C. Lee

Chair Professor of Psychological Science & Clinical Psychology, HKU Director of the State Key Laboratory of Brain and Cognitive Sciences, HKU May Professor in Neuropsychology, HKU



沈文龍博士

納米及先進材料研發院首席業務總監 IEEE電子元件封裝和生產技術學會 香港分會前主席

材料、礦產和採礦學會香港分會理事

Dr. Ivan Sham

Chief Commercial Office of Nano and Advanced Materials Institute Past Chairperson of IEEE-CPMT (HK Chapter) Council Member of the Institute of Materials, Minerals, and Mining (HK Chapter)

按姓氏筆畫排序 Sorted by surname stroke

理事會

理事 Members



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Choh-Ming Li Professor of Life Sciences, CUHK Director of the State Key Laboratory of Agrobiotechnology, CUHK



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Prof. Chi Hou Chan

Chair Professor of Electronic Engineering, CityU Director of the State Key Laboratory of Terahertz and Millimeter Waves, CityU

Chief Public Mission Officer of the Hong Kong Cyberport Management



徐海山先生

京港學術交流中心董事兼總裁 特區政府創新科技與產業發展委員會成員 香港電台顧問委員會成員

Mr. Hoi Shan Hsu

Director and President of the Beijing-Hong Kong Academic Exchange Center Member of the Committee on Innovation, Technology and Industry Development of the HKSAR Member of RTHK Board of Advisors



陳思源工程師

香港數碼港管理有限公司 首席公眾使命官 特許工程師 英國工程技術學會院士 香港知識發展中心主席



Fellow of The Institution of Engineering & Technology, U.K.

Chairman of Knowledge Management Development Center, HK



張志輝教授

香港理工大學工業及系統工程學系講座教授 Chair Professor at the Department of Industrial and Systems Engineering, PolyU 大學)主任

國際工程與科技學院會士 英國工程與科技學會會員 香港工程師學會會員

Ir. Prof. Benny C.F. Cheung

超精密加工技術國家重點實驗室(香港理工 Director of State Key Laboratory of Ultra-precision Machining Technology, PolyU Fellow of The International Academy of Engineering and Technology Member of The Institution of Engineering and Technology, U.K. Member of The Hong Kong Institution of Engineers



黃國賢教授

香港理工大學副校長(教學) 化學生物學及藥物研發國家重點 實驗室(香港理工大學)主任

Prof. Kwok-yin Wong

Ir. Eric Sze-yuen Chan

Company Limited

Chartered Engineer

Vice President (Education), PolyU Director of State Key Laboratory of Chemical Biology and Drug Discovery, PolyU



曹京華教授

中國科學院香港創新研究院董事 「一帶一路」國際科學組織聯盟 秘書處執行主任

Prof. Jinghua Cao

Director of the Board, Hong Kong Institute of Science and Innovation, Chinese Academy of Sciences Executive Director of Secretariat, Alliance of International Science



葛儀文先生

香港紡織及成衣研發中心 行政總裁



CEO of The Hong Kong Research Institute of Textiles and Apparel



都永海先生

香港生產力促進局綠色生活與創新部 總經理

Mr. Yonghai Du

Organizations

General Manager of Green Living & Innovation Division of Hong Kong Productivity Council



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國際水協會戰略局委員

國家重金屬污染防治工程技術研究中心 香港分中心創始主任 香港科技大學環境研究院副院長、水技術 研究中心主任 荷蘭國際水利環境工程學院全球衛生研究 生院指導專家

Prof. Guanghao Chen

Founding Director, Chinese National Engineering Research Center Hong Kong Branch of Heavy Metal Pollution Control and Treatment Associate Director of Institute for the Environment & Director of Water Technology Center, HKUST Mentor, IHE Delft's Global Sanitation Graduate School Member, International Water Association Strategic Council

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顧問 **Advisors**



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第十三屆全國政協委員 紅衫中國創始及執行合夥人 香港X科技創業平台創始人兼主席



Constituency) of HKSAR

Member of the 13th National Committee of CPPCC Founding & Managing Partner of Sequoia Capital China Founder and Chairman of Hong Kong X Technology Entrepreneurship Platform

Member of the Seventh Legislative Council (Technology & Innovation



邱達根議員

香港特別行政區第七屆立法會議員 (科技創新界)



香港科技大學校長 粤港澳大灣區院士聯盟理事會主席 中國科學院院士 美國國家科學院外籍院士 香港科學院創院院士



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Fellow of the Chinese Association of Inventions Fellow of American Association of Anatomists Fellow of the U.S. Orthopaedic Research Society

Prof. Rocky S. Tuan

Hon. Mr. Duncan Chiu



孫煜先生

中國銀行(香港)有限公司副董事長 兼總裁



Vice Chairman and Chief Executive of Bank of China (Hong Kong) Limited



梅彥昌教授

香港城市大學校長及大學傑出教授 亞太區材料學院院士 新加坡工程師學院創始院士



香港大學校長 中國科學院院士 美國國家工程院院士

張翔教授

Prof. Freddy Boey

President and University Distinguished Professor of CityU Academician of the Asia Pacific Academy of Materials Founding Fellow of the Singapore Academy of Engineers



Prof. Xiang Zhang

President of The HKU Member of Chinese Academy of Sciences Member of US National Academy of Engineering



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世界電動車協會創始暨輪值主席 國際院士科創中心創始人 香港首位中國工程院院士 英國皇家工程院士 匈牙利工程院榮譽院士 烏克蘭工程院院士



葉玉如教授

香港特區政府特首顧問團成員



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衞炳江教授

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賴智明先生

富融銀行董事長

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Founding and Rotating President of the World Electric Vehicle Association Founder of International Academicians Science and Technology Innovation Centre

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Council Chair, The Greater Bay Area Association of Academicians Academician, The Chinese Academy of Sciences International Member, US National Academy of Sciences Founding Member, The Hong Kong Academy of Sciences Member of the Chief Executive's Council of Advisers

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Prof. Ping-kong Alexander Wai

President of HKBU Fellow of the Optical Society of America Fellow of the Institute of Electrical and Electronic Engineers Fellow of the Hong Kong Academy of Engineering Sciences

Mr. Jim Lai

Chairman of Fusion Bank

Review Committee

生命健康



盧煜明教授 Prof. Y. M. Dennis Lo

香港中文大學醫學院副院長(研究) 轉化腫瘤學國家重點實驗室(香港中文大學)主任 香港科學院院長 英國皇家學會院士 美國國家科學院外籍院士 世界科學院院士 Associate Dean (Research), Faculty of Medicine, CUHK
Director, State Key Laboratory of Translational Oncology (CUHK)
President, The Academy of Sciences of Hong Kong
Fellow, The Royal Society, U.K.
Foreign Associate, U.S. National Academy of Sciences
Fellow, The World Academy of Sciences



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波士頓大學生物醫學工程榮休教授 美國國家發明家學會會士 美國國家科學院院士 美國文理科學院院士

Prof. Charles R. Cantor

Emeritus Professor of Department of Biomedical Engineering, Boston University Fellow of U.S. National Academy of Inventors Member of U.S. National Academy of Sciences Member of American Academy of Arts and Sciences



莫樹錦教授

香港中文大學腫瘤學系系主任 美國臨床腫瘤學會院士 國際肺癌研究協會前任主席 香港科學院院士

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Chairman of the Department of Clinical
Oncology, CUHK
Fellow of American Society of Clinical Oncology
Past President of International Association for
the Study of Lung Cancer
Member of The Hong Kong Academy of
Sciences



麥德華教授

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Fellow of the Royal Society, U.K.
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Sciences



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劉富友教授

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Gardiner Chair & Head of the Department of
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Founding Director of the Glasgow Biomedical
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Fellow of the Royal Society, U.K.
Fellow of the Academy of Medical Science, U.K.

Review Committee

人工智能及機器人 Artificial Intelligence and Robotics



郭毅可教授 Prof. Yike Guo

香港科技大學首席副校長 英國帝國理工學院數據科學研究所所長 歐洲科學院院士 英國皇家工程院院士 英國電腦學會會士 香港工程科學院院士 Provost, HKUST
Founding Director of the Data Science Institute, Imperial College
Member of Academia Europaea
Fellow of Royal Academic of Engineering, U.K.
Fellow of British Computer Society
Fellow of Hong Kong Academy of Engineering Sciences



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清華大學計算機科學與技術系長聘教授 清華大學計算機系副主任

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Fellow of the Institute of Electrical and
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Fellow of the Association for Computing
Machinery
Fellow of the Society for Industrial and Applied
Mathematics



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Fellow of the Institute of Electrical and Electronics Engineers
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HKUST (Guangzhou)
Head of the Artificial Intelligence Thrust, HKUST
(Guangzhou)
Distinguished Scientist of the Association for
Computing Machinery

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新材料新能源 New Materials and New Energy



任詠華教授 Prof. Vivian Wing-Wah Yam

香港大學化學系講座教授 中國科學院院士 美國科學院外籍院士 歐洲人文和自然科學院外籍院士 世界科學院院士 香港科學院創院院士 Chair Professor of Chemistry, HKU
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崔屹教授

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Prof. Yi Cui

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Director of Precourt Institute for Energy and
Director of Sustainability Accelerator,
Stanford University
Fellow of American Association for the
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Fellow of the Royal Society of Chemistry, U.K.



楊培東教授

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Member, U.S. Academy of Arts and Sciences



鮑哲南教授

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Review Committee

先進製造
Advanced Manufacturing



文効忠教授 Ir Prof. H.C. Man 香港理工大學工程學院院長、先進製造研究院院長香港工程科學院院士 英國材料、礦物和採礦學會會士 美國激光學會會士 Dean of the Faculty of Engineering & Director of the Research Institute of Advanced Manufacturing, PolyU Fellow of the Hong Kong Academy of Engineering Sciences Fellow of the Institute of Materials, Minerals and Mining, U.K. Fellow of Laser Institute of America



王力翬教授

瑞典皇家理工學院特聘終身教授 加拿大工程院院士 國際生產工程院院士 製造工程師學會會士 美國機械工程師學會會士

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Fellow of the Canadian Academy of Engineering
Fellow of the International Academy for Production
Engineering
Fellow of the Society of Manufacturing Engineers
Fellow of the American Society of Mechanical Engineers



姚慶良博士

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National University of Singapore
Past President of The International Academy for
Production Engineering
Founding Fellow of Singapore Academy of Engineering
Fellow of Society of Manufacturing Engineers, U. S.



葉中賢博士

通用國際企業有限公司董事總經理 職業訓練局副主席 香港工業總會名譽會長

Dr. Daniel Chung-yin Yip

Managing Director of G.E.W. International Corp. Ltd Deputy Chairman of the Vocational Training Council Honorary Presidents of the Federation of Hong Kong Industries

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任景信先生 香港數碼港管理有限公司行政總裁

Mr. Peter King-shun Yan
CEO of the Hong Kong Cyberport Management Co. Ltd



李達志先生
香港金融管理局副總裁

Mr. Howard Tat-Chi Lee

Deputy Chief Executive of the Hong Kong Monetary
Authority



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OneConnect Bank (Hong Kong) Ltd and OneConnect
Financial Technology (Hong Kong) Co. Ltd
Non-Executive Director of Bowtie Life Insurance Co. Ltd
Former Secretary for Financial Services and the Treasury

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Compliance Oversight Team

主席 Chairperson



簡慧敏律師

香港特別行政區第七屆立法會議員 中國銀行(香港)有限公司總法律 顧問

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Mr. Nicholas Hiu Fung Chan

Chairman of the Hong Kong and Mainland Legal Professional Association

Honorary Legal Advisor of Smart City Consortium Chairman of Belt and Road Conference Organising Committee of The Law Society of Hong Kong



龔永德先生

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Mr. Peter Kung

Chairman of Supreme Genius Consulting Co. Ltd Past Vice Chairman of KPMG China Past President of the Taxation Institute of Hong Kong



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獲獎者 2022

Laureates

人工智能及機器人獲獎者 Laureates in Artificial Intelligence and Robotics



陳達明醫生為威爾斯親王醫院神經外科主任、香港中文大學醫學 院外科學系名譽臨床副教授、王連大腦腫瘤中心副主任。

. . .

Dr. Tat Ming Danny Chan is currently the Head of the Neurosurgery Division of the Prince of Wales Hospital, Honorary Clinical Associate Professor of the Department of Surgery and Co-Director of the Otto Wong Brain Tumour Centre at The Chinese University of Hong Kong.



劉宏斌教授為中國科學院香港創新研究院人工智能與機器人創新中心執行主任、中國科學院自動化研究所教授。

Professor Hongbin Liu is currently the Executive Director of the Centre for Artificial Intelligence and Robotics at the Hong Kong Institute of Science & Innovation of Chinese Academy of Sciences and also a Professor at the Institute of Automation of Chinese Academy of Sciences.

生命健康獲獎者 Laureate in Life and Health



鄭永平教授為香港理工大學梁顯利生物醫學工程教授·生物醫學工程學 系講座教授和智齡研究院院長。

Professor Yongping Zheng, Henry G. Leong Professor in Biomedical Engineering, is currently a Chair Professor of the Department of Biomedical Engineering and the Director of the Research Institute for Smart Ageing at the Hong Kong Polytechnic University.



表彰他們研發出應用於微創腦手術的柔性內鏡機器人系統,突破了腦手術在微創範式下 深部病灶難以通過直線路徑抵達、手術器械操作難度高且空間狹小等臨床痛點。

For their invention of a flexible endoscopic robotic system for minimally invasive neurosurgery which has addressed and tackled the surgical difficulties of reaching the deep brain lesions through single linear trajectory and the surgical manipulation in small space under the minimally invasive paradigm.

表彰他發明的無輻射便攜式三維超聲波成像系統,實現脊柱側彎程度評估可以更安全, 低成本和頻繁地進行。

For his invention of a radiation-free three-dimensional ultrasound scoliosis assessment system, enabling scoliosis assessment to be performed more safely, at lower cost and higher frequency.

獲獎者 2022

Laureates

新材料新能源獲獎者 Laureate in New Materials and New Energy



范智勇教授為香港科技大學電子與計算機工程系及化學與生物工 程系教授、智能傳感器與環境技術中心主任。

Professor Zhiyong Fan is currently a professor of the Department of Electronic and Computer Engineering and the Department of Chemical and Biological Engineering, and the Director of the Center for Smart Sensors and Environmental Technologies at the Hong Kong University of Science and Technology.

先進製造獲獎者 Laureate in Advanced Manufacturing



王鑽開教授為香港理工大學協理副校長(研究及創新)及機械工程學系講座教授。

Professor Zuankai Wang is the Associate Vice President (Research & Innovation) and a Chair Professor of the Department of Mechanical Engineering at The Hong Kong Polytechnic University.

金融科技獲獎者 Laureate in Fintech



鄭嘉泓先生為濃說科技有限公司行政總裁兼創辦人。

Mr. Calvin Cheng is the Founder and CEO of Wizpresso.

表彰他在仿生眼領域的貢獻·尤其是實現納米線的三維集成在彎曲基板上並應用於機器 人及視覺假體的創新工作。

For his innovative work on the biomimetic eye with 3D integrated nanowires on curved substrates for robotics and visual prosthetic devices.

表彰他在仿生創新製造與表界面科學做出的開創性貢獻,開發出具有高效率、加工能力、 耐用性、可靠性和環境可持續性的表面、材料、能量收集和散熱系統。

For his seminal contributions to bridging nature-inspired manufacturing innovations with fundamental understanding of surface and interfacial science, and the development of new surfaces, materials, energy harvesting and thermal systems with high efficiency, productivity, durability, reliability, and environmental sustainability.

表彰他通過專有的 AI/NLP 軟件,自動化和簡化資本市場複雜的報告和盡職調查工作流程,有效將技術成果轉化為為監管科技領域做出重大貢獻的創新成就。

For his significant innovation achievements through a proprietary Al/LP software to automate and streamline the complex reporting and due diligence workflow in capital markets, leveraging on impactful transformation of technological achievements to make significant contribution to the Regtech space.

往屆回顧

Review 2022



啟動儀式

於2022年7月15日假中銀大廈舉行

香港特別行政區行政長官李家超先生、國家科學技術部部長王志剛先生、時任中央政府駐港聯絡辦副主任譚鐵牛教授主禮活動並致辭。

Launch Ceremony

July 15th 2022, Bank of China Tower

Mr. John KC Lee, Chief Executive of the Hong Kong Special Administrative Region, Mr. Zhigang Wang, Minister of the Ministry of Science and Technology of the People's Republic of China, and Prof. Tieniu Tan, Former Deputy Director of the Liaison Office of the Central People's Government in the HKSAR, officiated the ceremony and delivered speeches.

往屆回顧

Review 2022



頒獎禮

於2022年12月22日舉行

中央政府駐港聯絡辦副主任盧新寧女士、香港特別行政區政府創新科技及工業局局長孫東教授、中國銀行(香港)有限公司副董事長兼總裁孫煜先生為獲獎者頒授獎盃與證書。

Award Ceremony

December 22nd 2022

Ms. Xinning Lu, Deputy Director of Liaison Office of the Central People's Government in the HKSAR, Prof. Dong Sun, Secretary for Innovation, Technology and Industry, HKSAR Government, and Mr. Yu Sun, Vice Chairman and Chief Executive of Bank of China (Hong Kong) Limited, officiated the ceremony and presented the trophies and certificates to the awardees.











主辦機構

Organiser



香港科技創新聯盟

HONG KONG ALLIANCE OF

香港科技創新聯盟成立於2022年7月15日,以國家戰略需求為導向,致力於推動香港科創發展、助力國際創科中心建設、深化粵港澳大灣區交流與合作、加速香港融入國家發展大局。

聯盟的四大使命任務:一是促進跨學科創新合作,二是推動跨界研究交流,三是向政府機構就科創事業建言獻策,四是舉辦科技教育與科普活動,提升社會大眾尤其是青少年對科技的認識及興趣,樹立「創科興港、科技報國」的志願。

Hong Kong Alliance of Technology and Innovation (HKATI), established on 15th July 2022, guided by national strategic needs, aims at promoting the development of science and technology innovation in Hong Kong, facilitating the establishment of an international centre for I&T, deepening the exchanges and cooperation among Guangdong-Hong Kong-Macao Greater Bay Area, and accelerating Hong Kong's integration into the national developments.

The missions include, but are not limited to: i) boosting interdisciplinary innovative cooperation; ii) bolstering cross-sector exchanges and research; iii) making proposals for the development of I&T, and; iv) carrying out technology education and science promotion activities to foster awareness and interest in science and technology in the public, especially the youth, thereby cultivating talent and propensity for successful science- and technology-related careers.



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中國銀行(香港)有限公司作為香港主要商業銀行集團,一直堅持創新驅動,積極擁抱新技術、新理念,持續推進數字化轉型,以創新科技促進普惠金融、民生金融、綠色金融、 科技金融及跨境金融等,致力為客戶提供敏捷、高效、高質量及可持續發展的產品及服務,不斷提升客戶體驗。科技創新是實現經濟增長的重要手段,中銀香港相信通過加強跨行業機構合作,共建高水平的協同創新平台,有助推動科技成果轉化,支持香港國際創新科技中心建設。

As a major commercial banking group in Hong Kong, BOCHK is steadfastly committed to driving progress through innovation, actively embracing new technologies and new concepts, and continuously promoting digital transformation. It has accelerated advances in inclusive finance, livelihood finance, green finance, fintech and cross-border finance through innovative technologies, and offers agile, efficient, high-quality and sustainable products and services that constantly improve customers' experience. Technological innovation is an important means to achieve economic growth. By strengthening cross-industry cooperation and building a high-level collaborative innovation platform, BOCHK can help to promote transformative technological achievements and support the development of Hong Kong as an international innovation and technology centre.











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