

國際論壇
International Forum

大數據分析及 人工智能於大灣區的 發展趨勢與機遇

TRENDS AND OPPORTUNITIES OF
BIG DATA ANALYTICS AND AI IN
THE GREATER BAY AREA

29/6/2020

免費網絡論壇
Free Online Forum

主辦機構 Organiser



合作機構 Collaborating Organisations







論壇流程

Forum Rundown

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09:30

開幕辭 Opening Speech

葉中賢博士
Dr Daniel Yip

香港工業總會主席
Chairman, Federation of Hong Kong Industries (FHKI)

09:35

歡迎辭 Welcome Remarks

查毅超博士
Dr Sunny Chai

香港工業總會 副主席
香港資訊科技業協會 主席
Deputy Chairman, FHKI
Chairman, Hong Kong Information Technology
Industry Council (HKITIC)

09:40

主禮嘉賓致辭 Speech by Guest-of-Honour

蔡淑嫻女士, JP
Ms Annie Choi, JP

香港特別行政區政府
創新及科技局常任秘書長
Permanent Secretary for Innovation & Technology, the
Government of HKSAR

09:45

頒發紀念品及大合照 Souvenir Presentation & Photo-taking Session

09:50

嘉賓演講 (一) Presentation 1

彭耀雄先生, JP
Ir Eric Pang, JP

香港特別行政區政府
機電工程署署長
Director of Electrical and Mechanical Services Department,
the Government of HKSAR

主題 Topic :

大數據及人工智能新時代 - 香港政府與大灣區城市同行共創
New Driving Force from Big Data and A.I. @ Government: Co-create within GBA

10:20

嘉賓演講 (二) Presentation 2

柳崎峰博士
Prof Liu Qifeng

香港人工智能與機器人學會
常務副理事長
Executive Vice President, Hong Kong Society of Artificial
Intelligence and Robotics

主題 Topic :

人工智能的最新進展與應用
New Progresses and Applications of AI

10:50

交流活動及技術展示

Networking Break & Showcase Demo

11:00

嘉賓演講（三） Presentation 3

黃錦輝教授
Prof Wong Kam Fai

香港中文大學 工程學院副院長（外務）
Associate Dean (External Affairs) of the Faculty of
Engineering, CUHK

主題 Topic :

大數據就粵港澳大灣區再工業化的角色

Big Data for Re-industrialisation in Greater Bay Area

11:30

嘉賓演講（四） Presentation 4

Mr Osemeké Isibor

Partner Solutions Architect,
Amazon Web Services

Topic :

Turn data into insights with Data lakes and Analytics on AWS

12:00

嘉賓演講（五） Presentation 5

梁睦貝女士
Ms Michelle Leung

物流及供應鏈多元技術研發中心
董事局成員

Member of Board of Directors, Logistics and Supply
Chain MultiTech R&D Centre

主題 Topic :

中國電商市場人工智能與大數據應用

AI and Big Data in China eCommerce

12:30

小組專題討論 Panel Discussion

主持 Moderator

吳子慧女士
Ms Gracie Ng

香港科技園公司
策略專案管理總監

Director, Programme Management Office, HKSTP

13:00

論壇結束 Forum Ends



彭耀雄太平紳士 Eric Pang, JP

香港特別行政區政府
機電工程署署長
Director of Electrical & Mechanical
Services Department, the
Government of HKSAR

彭耀雄先生是香港特別行政區政府機電工程署(機電署)署長兼機電工程營運基(營運基金)總經理，領導機電署逾5,000名員工。

身為署長，他負責執行法例以確保公眾安全使用電力、氣體、鐵路及其他機電裝置，並在香港推廣能源效益、節約能源及可再生能源的應用。作為營運基金總經理，他致力管理營運基金為政府決策局和部門，以及醫院管理局和機場管理局等公營機構提供的專業及優質的一站式綜合機電工程服務。在2019/20年度，營運基金的營業額約達80億元。

彭先生是一位工程師，擁有30多年的工程管理和公共行政經驗。他是香港工程師學會的資深會員，並曾擔任該學會的燃氣及能源分部主席。

Mr Eric PANG is the Director of the Electrical and Mechanical Services Department (EMSD) and the General Manager of the Electrical and Mechanical Services Trading Fund (EMSTF), both of which are under the Government of the Hong Kong Special Administrative Region (HKSAR). He leads over 5,000 staff in EMSD. As the Director, he is responsible for enforcing legislations in ensuring public safety on using electricity, gas, railway and other electrical and mechanical installations, and promoting energy efficiency and conservation as well as application of renewable energy in Hong Kong. As the General Manager of the EMSTF, he administers the provision of one-stop, comprehensive, professional and quality E&M engineering services to government bureaux and departments, as well as public bodies such as the Hospital Authority and Airport Authority. The turnover of EMSTF reaches about \$8 billion in 2019/20.

Mr PANG is an engineer by profession. He has over 30 years' experience in engineering management and public administration. He is a fellow member of the Hong Kong Institution of Engineers (HKIE) and has served as the Chairman of the HKIE Gas and Energy Division.



柳崎峰 博士 Prof Liu Qifeng

香港人工智能與機器人學會
常務副理事長兼秘書長
Executive Vice President & Secretary
General of Hong Kong Society of
Artificial Intelligence & Robotics

柳崎峰，博士，教授，香港優才計劃入選者，中國人工智能學會理事，香港人工智能與機器人學會常務副理事長兼秘書長，粵港澳大灣區人工智能與機器人聯合會秘書長。

目前擔任鵬程實驗室人工智能中心智慧金融課題負責人、粵港澳大灣區人工智能應用技術研究院特聘教授。曾任平安集團加馬人工智能研究院院長、雅虎Lab數據科學家、三星Lab研究員等職務。

2004年博士畢業於中科院自動化所模式識別國家重點實驗室，師從國際著名人工智能科學家譚鐵牛院士。之後帶領團隊，一直致力於人工智能技術在多個領域的突破性創新應用，例如2017年在香港開發了金融行業內第一個基於行為金融學與機器學習的交易員評價系統。

發表40+篇論文和專利（7項美國專利），曾與牛津大學、哥倫比亞大學、清華大學等高校建立聯合實驗室，致力於行為金融學、智能交易、智能投資等方面的理論與應用研究。

Dr. Liu Qifeng is the talent of Hong Kong Quality Migrant Admission Scheme, Council Member of the Chinese Association of Artificial Intelligence (CAAI), Executive Vice President and Secretary-General of the Hong Kong Society of Artificial Intelligence and Robotics (HKS AIR), Secretary General of Guangdong-Hong Kong-Macao Great Bay Area Society of Artificial Intelligence and Robotics.

He is currently the head of the intelligent finance project of Peng Cheng Laboratory Artificial Intelligence Center, and a distinguished professor of Guangdong-Hong Kong-Macao Great Bay Area Institute of AI Technologies. He has served as head of Ping An Group's Gamma AI Lab, data scientist of Yahoo Lab, researcher of Samsung Lab and other positions.

In 2004, he graduated from the National Laboratory of Pattern Recognition (NLPR) of the Institute of Automation of the Chinese Academy of Sciences (IA, CAS), with the supervisor of Prof. Tan Tieniu, who is the famous AI scientist in the world. Since then, he was leading his team working on innovative applications of AI, such as the first trader evaluation system based on behavioral finance and machine learning in the financial industry was developed in Hong Kong in 2017.

He has published more than 40 papers and patents (including 7 U.S. patents), and ever established joint laboratories with Oxford University, Columbia University, Tsinghua University and other universities, dedicated to behavioral finance, smart trading, smart investment and other theoretical and applied research.



黃錦輝教授 Prof Wong Kam Fai

香港中文大學
工程學院副院長（外務）
Associate Dean (External Affairs) of
the Faculty of Engineering,
The Chinese University of Hong Kong

黃錦輝教授為香港中文大學工程學院副院長（外務）、系統工程與工程管理學系教授及創新科技中心主任，並擔任高可信軟件技術教育部重點實驗室（香港中文大學分實驗室）主任、哈爾濱工業大學（深圳）特聘教授以及北京大學信息科學技術學院客座教授。他同時為香港資訊科技聯會、香港工程師學會、英國工程技術學會及英國電腦學會會員。

在學術方面，黃教授的研究興趣集中在數據庫及中文信息處理方面，並於多份國際刊物、會議及書籍中發表過超過二百六十份報告。

黃教授活躍於資訊科技界及社會工作，他現時是第十三屆中國人民政治協商會議全國委員會香港地區委員、香港童軍總會資訊科技委員會主席、香港國際機場科技諮詢委員會成員、香港電台顧問委員會成員、香港耆康老人福利會資訊及通訊科技顧問委員會委員等。

黃教授於2011年獲香港特別行政區政府頒發榮譽勳章，以表揚其對香港資訊科技界發展之貢獻。

K.F. Wong is Associate Dean (External Affairs) of the Faculty of Engineering, Professor in the Department of Systems Engineering and Engineering Management, Director of Centre for Innovation and Technology, and Associate Director of Centre for Entrepreneurship, The Chinese University of Hong Kong (CUHK). He is also Director of Key Laboratory on High Confidence Software Technologies (Sub-Lab, CUHK), Ministry of Education, Honorary Professor of Harbin Institute of Technology, Shenzhen and Adjunct Professor, School of Computer Technology, Peking University.

His research interest focuses on Chinese natural language processing and database. He has published over 260 technical papers in these areas in different international journals, conferences and books. He is a senior member of IEEE, fellows of BCS (UK), IEE (UK) and HKIE. He is the founding Editor-In-Chief of ACM Transactions on Asian Language Processing (TALIP), and International Journal on Computational Linguistics and Chinese Language Processing.

K.F. is very active in professional activities and social services. He serves as Member, The 13th National Committee of the Chinese People's Political Consultative Conference; Chairman, ICT Advisory Committee, HK Scout Association; Non-official Member, Airport Technology Advisory Council of the Hong Kong International Airport; Member of Radio Television Hong Kong Board of Advisors; and Member of The Hong Kong Society for the Aged Advisory Committee on ICT Development.

He was awarded the Medal of Honour (MH) by the HKSAR Government in 2011 for his contribution in IT development in Hong Kong.



Osemeke Isibor

Partner Solutions Architect of
Amazon Web Services

Osemeke Isibor is a Partner Solutions Architect at AWS. He works with AWS Partner Network (APN) partners in various sectors including but not limited to financial services, retail and real estate; to design secure, highly available, scalable and cost optimized solutions around customer objectives using AWS services. He is a technology enthusiast and specialises in Big Data Analytics and AI/ML.



梁皓貝 Michelle Leung

物流及供應鏈多元技術研發中心
董事局成員
Member of Board of Directors of
Logistics and Supply Chain MultiTech
R&D Centre

梁皓貝女士目前擔任馮氏全渠道服務的高級副總裁。全渠道零售是一種綜合性的銷售體驗，其融合了實體店的優勢和線上購物的豐富資訊。中國是全渠道驅動消費的新前沿國家，同時馮氏全渠道服務在為品牌和零售商提供該領域的服務起著領先作用。

梁女士曾任eBay香港地區和臺灣地區的總經理，主要負責推動拓展eBay市場的業務，提高商品交易總額和銷售額。

鑒於eBay香港的成功是eBay亞太地區CBT業務的全面成功，梁女士基於eBay的三大核心原則（信任、選擇和價值）致力於開拓新的業務，從而證明了eBay是商家與消費者最安全可靠的線上電子商務平臺。

在馮氏集團任職期間，梁女士建立了馮氏全渠道中國電子商務TP業務，為國際品牌在阿裡巴巴天貓和京東等平臺上搭建B2C業務。梁女士在一年內增加了500%的客戶數量，同時馮氏全管道服務在2017年獲得天貓國際“五星TP公司”的榮譽認證。

梁女士擁有加拿大特許會計師的職業資格，她畢業於英屬哥倫比亞大學（加拿大），獲得了商學榮譽學士學位。梁女士之後于2011年獲得復旦大學的工商管理碩士學位（EMBA），並於2016年獲得香港科技大學和紐約大學的國際金融碩士學位。

Michelle is the Senior Vice President of Fung Omnichannel services. Omni-Channel retailing is an integrated sales experience that melds the advantages of physical stores with the information-rich experience of online shopping. China is the new frontier of Omni-Channel driven consumption, and Fung Omnichannel services is playing a leadership role in providing services to brands and retailers.

As former General Manager of eBay Marketplace for eBay Hong Kong and Taiwan, Michelle Leung was responsible for driving eBay business in the market in terms of gross merchandise volume and revenue.

Seeing the success of eBay Hong Kong as the overall triumph of eBay's APAC CBT business, Michelle was striving to develop new business opportunities by evangelizing the 3 key principles of eBay – Trust, Selection and Value and to attest eBay as the most secure and reliable online e-commerce platform to sellers and buyers.

In her current role, Michelle builds the Fung Omnichannel China eCommerce Trade Partner business by enabling international brands to build B2C business on platforms including Alibaba Tmall and Jingdong. Michelle increased customer portfolio by 500% in twelve months, and Fung Omnichannel services received recognition from Tmall Global as “Five Star Trade Partner” in 2017.

Michelle is a Chartered Accountant of Canada; she graduated from the University of British Columbia, Canada with a Bachelor degree of Commerce (Honours). Michelle also received a Master of Business Administration (EMBA) from Fudan University in Shanghai in 2011. She received a Masters of Science in Global Finance by HKUST and New York University in 2016.



吳子慧女士 Gracie Ng

香港科技園公司
策略專案管理總監
Director, Programme Management
Office, The Hong Kong Science and
Technology Parks Corporation

Gracie is the Director, Programme Management Office of HKSTP, where she supports the CEO and C-suite in driving the rhythm of the business. In particular, bringing the cross divisions together around a unified strategy to implement new and complex initiatives to achieve the corporate KPI. In the 5 years that she has been with the corporation, she has built up the Data ecosystem to create Smart City and Fintech innovation. She is the founder of Data Studio at HKSTP which currently host over 400 API datasets with over 1,300 developers in the community generating trials and proof of concepts since its inception in early 2017. Gracie has over 20 years' experience in Consulting and Marketing leadership positions from the Information Technology Industry, of which over 15 years was spent with IBM.

技術展示 SHOWCASES DEMO

*按英文字母順序排列 Alphabetical listing by company name

	公司 Company	產品姓名 Product name	網站 Website
1	Amazon Web Services Hong Kong Ltd	AWS上的資料湖和分析 Data Lakes and Analytics on AWS	www.aws.amazon.com
2	Biscovery Ltd	無線無紙智慧工廠應用 Wireless & Paperless for Smart Factory	www.biscovery.com
3	Coreminder Consulting Limited	Enterprise Solution	www.coreminder.com
4	Dayta AI Limited	Cyclops - Smart Retail Solution	www.dayta.ai
5	香港大學計算機科學系 Department of Computer Science, Hong Kong University	推薦長者助理的大規模異構網絡 HINCare-Elderly Care Helper Recommendation	www.hincare.hku.hk
6	第一線集團 DYXnet Group	軟體定義廣域網絡(SD-WAN)服務 SD - WAN Solutions	www.dyxnet.com
7	易新科技有限公司 E-Business Solutions Ltd	Zenzi 物聯網平台及感應器 IoT Devices & Zenzi IoT Platform	www.ebsl.hk
8	富士施樂(香港)有限公司 Fuji Xerox (Hong Kong) Ltd	AI Capturing Platform	www.fujixerox.com.hk
9	智達教育方案有限公司 iRed Solutions Ltd	One Stop AI Education Solutions	www.iredsolutions.wixsite.com/ired
10	飛勢力傳訊有限公司 KineticSpace Ltd	新世代智能生產執行系統 (AI 場景辨識) The Epicor NextGen™ MES	www.kineticspace.com
11	金蝶國際軟件集團(香港)有限公司 Kingdee International Software Group (HK) Ltd	金蝶雲端ERP大數據分析工具 Kingdee Cloud ERP Big Data Analytics Tool	www.kingdee.com.hk
12	Optix Solutions Limited	人工智能應用方案 AI Applications for Operations Optimization	www.optixsolutions.com.hk
13	RaSpect Intelligence Inspection Limited	維視拍 RaSpect	www.raspect.co
14	安寶創科有限公司 SP Infinite Technology Limited	人工智能面型識別 - 老人院防遊走系統 Artificial Intelligent (AI) Facial Recognition Anti-Wandering System for elderly home	www.spit.hk
15	用友軟件(香港)有限公司 Yonyou (Hong Kong) Co., Ltd	小友RPA財務機器人 Yonyou (Hong Kong) Co., Ltd	www.yonyou.com.hk

鳴謝

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主辦機構 Organiser



資助機構 Funding Organisation

香港特別行政區政府
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合作機構 Collaborating Organisations





香港工業總會
FHKI Federation of
Hong Kong Industries

香港工業總會（工總）於1960年根據《香港工業總會條例》（香港法例第321章）成立。自成立以來，工總旨在爭取及保障香港工商業界的利益。工總一直代表工商業界向當局反映意見，並就工商業政策及法例提出參考建議。

The Federation of Hong Kong Industries (FHKI) was established under the Federation of Hong Kong Industries Ordinance (Cap 321 of the Laws of Hong Kong) in 1960. The FHKI aims at promoting and fostering the interests of Hong Kong's industrial and business communities. The FHKI also represents business's views and advises the government on policies and legislation which affect business.

關於項目

ABOUT THE PROJECT

大數據分析及人工智能 於大灣區的發展趨勢與機遇

Trends and Opportunities of Big Data Analytics and AI in the Greater Bay Area

由香港資訊科技業協會構思，香港工業總會成功獲得香港特別行政區政府「專業服務協進支援計劃」撥款資助，開展一項為期一年的項目，本項目透過舉辦國際論壇及一系列培訓課程鼓勵本地資訊科技專業人士探討大數據分析和人工智能應用，認識大灣區的科技行業的發展機會，洞悉先機，提升競爭力。

Initiated by HKITIC, FHKI has successfully applied the Professional Services Advancement Support Scheme (PASS), this one year project aims to encourage local IT professionals to probe into the big data analytics and other relevant technologies when facing up challenges in this era. Through the international forum and a series of professional training courses, local IT industry players are encouraged to learn the opportunities of big data adoption and AI in the Greater Bay Area to upgrade their competitiveness and identify new business opportunities.



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意見調查

QUESTIONNAIRE



感謝閣下參加「國際論壇：大數據分析及人工智能於大灣區的發展趨勢與機遇」

我們誠意邀請您對是次論壇表達意見，
以作日後活動安排的參考。

Thank you for attending the “ Trends and Opportunities of Big Data Analytics and AI in the Greater Bay Area “. We would like to invite you to complete the following questionnaire. Your valuable feedback is highly appreciated and contributes to the improvement in future events. Responses from this questionnaire will be used for our evaluation and improvement only.

按此填妥問卷

Click here to access
the questionnaire





論壇花絮、影片及演講內容將上載項目網站，
敬請留意。

Event highlights, videos and presentations of the Forum will be
uploaded to the project website shortly. Stay tuned.



查詢 Enquiry

☎ **+852 2732 3107**

✉ **pass@fhki.org.hk**

此刊物／本項目由香港特別行政區政府「專業服務協進支援計劃」撥款資助。

This material/event is funded by the Professional Services Advancement Support Scheme of the Government of the Hong Kong Special Administrative Region.

在此刊物／本項目的任何活動中提出的任何意見、研究成果、結論或建議，
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Any opinions, findings, conclusions or recommendations expressed in this material/any event organised under this project do not reflect the views of the Government of the Hong Kong Special Administrative Region or the Vetting Committee of the Professional Services Advancement Support Scheme.



香港工業總會

FHKI Federation of
Hong Kong Industries

