Tech Trends Symposium 2020 – The Future of Intelligent Connectivity
科技前瞻研討會 2020 —— 連繫智慧未來

請即按此登記!
Register NOW!

Date 日期	:	28 / 7 / 2020 (Tuesday 星期二)
Time 時間	:	11am – 4pm
Languages 語言	:	English with Simultaneous Interpretation in Putonghua 英語（附設普通話即時傳譯服務）

Time 時間	Programme 程序表
AM Session – AIoT for Intelligent Living | 上午環節 – 構建智慧生活	
11am – 11:20am	**Advancing New Frontier: How 5G brings AIoT to the Next Level of Intelligence** Dr Lawrence Poon, General Manager, **APAS R&D Centre, Hong Kong Productivity Council** 香港生產力促進局汽車科技研發中心總經理潘志健博士
11:20am – 11:40am	**Smart Applications with Internet–of–Things | 物聯網智慧應用** Ms Grace Yip, Electronic Engineer, **Electrical and Mechanical Services Department** (EMSD) 機電工程署電子工程師葉紀雯小姐
11:40am – 12pm	**From IoT to AIoT: How Commercial Demands Drive Intelligent Ecosystem** Mr Yun-hei Chak, Deputy Design Director, **TCL Corporate Research** TCL 集團工業研究院設計副總監翟潤熙先生
12pm – 12:30pm	**Panel Discussion and Q&A Session 討論及問答環節** **Moderator 主持:** Dr Alan Lam, CEO, **Sengital Limited** 港科研有限公司行政總裁林曉鋒博士
PM Session – Empowering a Connected Future with 5G | 下午環節 – 5G 引領連繫未來	
2:30pm – 2:50pm	**Get to Know 5G and its Potentials** Dr Justin Chuang, Vice President, Communications Technologies, **Hong Kong Applied Science and Technology Research Institute** (ASTRI) 香港應用科技研究院有限公司副總裁(通訊技術)莊哲義博士
2:50pm – 3:10pm	**The Potential of 5G and the Challenges of its Use Cases** Dr Henry Wong, Head of Strategic Wireless Technology & Core Networks, **HKT Limited** 香港電訊有限公司無線技術策略及核心網絡主管黃錦恒博士
3:10pm – 3:30pm	**Empowering Smarter Property Management and Residential Experience with 5G** 5G 推動智能物管與客戶體驗成優勢 Ir Andrew Young, Associate Director (Innovation), **Sino Group** 信和集團創新聯席董事楊孟璋先生
3:30pm – 4pm	**Panel Discussion and Q&A Session 討論及問答環節** **Moderator 主持：** Mr Christopher Tse, Vice President, **Hong Kong Electronics Industry Council** 香港電子業總會副主席謝鴻強先生

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Co-organisers 協辦機構:

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HKEIA 香港電子業商會

Hong Kong Electronics Industry 香港電子業總會 Council 香港工業總會轄下 A FHKI Council

VTC

Dr Lawrence Poon

General Manager

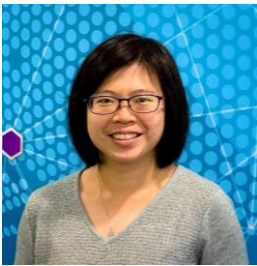APAS R&D Centre, Hong Kong Productivity Council

潘志健博士

總經理

香港生產力促進局汽車科技研發中心

Dr. Poon is the General Manager of Hong Kong Productivity Council and Automotive Platforms and Application Systems R&D Centre. Dr Poon took lead a team of professional Engineers and researchers with rich experiences in EV and autonomous technology development. The most representative R&D results include a series of pure electric and hybrid-electric commercial vehicles, EV chargers, active safety systems and big data analytic platform for automobile.

Dr Poon is also serving as Hon Secretary of SAE HK and Section-Chair of HK Bio- & Eco- Energy Industry Association and Fellow of Green Strategy Association. He has been appointed as Technical Expert by the HK Council for Accreditation and Academic & Vocational Quality since 2015.

潘博士現為香港生產力促進局及汽車科技研發中心總經理，其帶領的團隊已完成了多個電動車及無人駕駛相關的研發項目。當中包括一系列純電動或混合動力巴士及商用車、電動車充電設施、防撞警報系統及大數據分析汽車管理系統等，為汽車產業提升自主研發的能力。潘博士是本年度美國汽車公程師協會(香港分部)的榮譽秘書長。他自 2015年起獲香港學術及職業資歷評審委任為技術專家。

Ms Grace Yip

Electronic Engineer

Electrical and Mechanical Services Department (EMSD)

葉紀雯女士

電子工程師

機電工程署

Ir YIP Kei-man, Grace is an electronic engineer of EMSD. She is working under the Digitalisation and Technology Division of EMSD to develop practical solution for enhancement of workflow and Operation and Maintenance (O&M) services by integrating Building Information Modeling (BIM) with Asset Management (AM) and now the Internet of Things (IoT) technologies. Her team is currently deploying trials on the establishment of a common IoT network infrastructure for deploying smart building facility management applications; and collaborating with other government departments to explore potential IoT applications contributing to the smart city development.

葉紀雯小姐是機電工程署的電子工程師。她在機電署的數碼科技部工作，通過將建築信息模擬與資產管理以及近期的物聯網（IoT）集成在一起，開發用於優化機電系統維修保養和日常運作的實用解決方案技術。她的團隊目前正在部署試驗，希望建立一個專屬物聯網給各政府部門使用，用以開發智能建築設施管理應用程序，並與其他政府部門合作，探索不同的智慧物聯網應用，為智慧城市發展作出貢獻。

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Mr Yun-hei Chak

Deputy Design Director

TCL Corporate Research

瞿潤熙先生

設計副總監

TCL 集團工業研究院

Reddot design award best of the best winner in 2013. Deputy Design Director in TCL Corporate Research, in charge of implementation of AI technology. Launched first AI TV in TCL on 2019.

Dr Alan Lam

CEO

Sengital Limited

林曉鋒博士

行政總裁

港科研有限公司

Ir. Dr. Alan Lam is the CEO of Sengital Limited and currently focus on IoT and AI business. He is serving CUHK and CityU as adjunct professor to teach AI and IoT courses. Under the leadership of Ir. Dr. Lam, Sengital and other subsidiaries have won numerous prestigious local and international awards for their product innovation and excellence. Ir. Dr. Lam was named as one of the five local innovation heroes by the Hong Kong Science Park in 2014 for his excellence in R&D projects commercialization and was selected as one of the awardees of 2015 Hong Kong Ten Outstanding Young Persons.

Dr Justin Chuang

Vice President, Communications Technologies

Hong Kong Applied Science and Technology Research Institute (ASTRI)

莊哲義博士

副總裁 (通訊技術)

香港應用科技研究院有限公司

Dr Justin Chuang joined ASTRI in December 2011 with nearly three decades of experience in research, teaching, development and engineering in communication technologies. Dr Chuang has held various positions in several multinational organisations including Broadcom Corporation, AT&T, Bellcore, and General Electric. Furthermore, he has also served as Professor in the Department of Electrical and Electronic Engineering of the Hong Kong University of Science and Technology (HKUST) from 1993 to 1996. Dr Chuang is experienced in taking research through engineering to commercialisation for wireless and cellular systems, from chipsets to platform solutions.

At ASTRI, Dr Chuang and his team are leveraging the collaborative efforts among government, industry, university and research organisations to drive the advancement and commercialization of enabling technologies for 4G, 5G and beyond.

莊哲義博士於 2011 年 12 月加入應科院，之前在通信技術的研究，教育，開發和工程等方面擁有接近 30 年經驗。莊博士曾於多家跨國企業擔任不同職務，包括半導體解決方案公司 Broadcom Corporation (博通)、電訊服務公司 AT&T、Bellcore 以及通用電氣公司。此外，他亦於 1993 至 96 年期間在香港科技大學擔任電子及電腦工程學系的教授。莊博士對於將無線及蜂窩系統的科研專案商品化擁有豐富經驗，當中包括芯片組件以至平台解決方案。目前在應科院，莊博士正帶領他的團隊通過政府，企業，大學和研究機構之間的合作，努力推動 4G，5G 和未來通信技術的發展和商用。

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VTC

Dr Henry Wong

Head of Strategic Wireless Technology & Core Networks

HKT Limited

黃錦恒博士

無線技術策略及核心網絡主管

香港電訊有限公司

Dr. Wong responsible for the Mobile Network Architecture Design, Spectrum Planning, and Network Transformation to 5G. Dr. Wong oversees the 5G Technology development for Smart Cities and Vertical Industries like C-V2X for smart mobility, AR/VR for media & entertainment, tele-medicine for smart healthcare, and AI research projects.

Dr. Wong has over 30 years of experience in mobile industry. He is an Alternate Board Members of NGMN Alliance and achieved the BSc (Hons) in Computer Engineering from the University of Manchester in UK, PhD in Mobile Radio Telecommunications from the University of Southampton, and MBA from the University of Hull.

Ir Andrew Young

Associate Director (Innovation)

Sino Group

楊孟璋先生

創新聯席董事

信和集團

Ir. Andrew Young has over 35 years of executive experience in senior positions including Director of Partnership Development for the Hong Kong Polytechnic University, Chief Commercial Officer of Hong Kong Science & Technology Parks Corporation. He is now Associate Director (Innovation) for Sino Land Company Ltd with responsibility to explore and identify innovations and technologies for application in the group and explore investment opportunities in technology ventures.

He has developed closely knitted and professional working relationships with leading and renowned institutions and innovation nodes in Hong Kong and around the World including Imperial College, Oxford, University of Waterloo, Stanford, etc.

He is a Fellow of HKIE, a Chartered Profession Engineer and member of the Institution of Engineers Australia and an advisor to Hamlyn Centre of Imperial College London as Chairman of the Translation Advisory Panel. He sits on various committee in leading commerce and industry associations and is active within the start-up and VC community.

楊孟璋為註冊工程師，擁有逾 35 年高級行政管理人員經驗，曾任香港理工大學企業合作處總監及香港科技園公司首席商務總監，現職信和集團創新聯席董事，負責策劃集團的創新科技發展，及探討相關的投資機會。

他在推動香港與世界各地多個領先的知名科研機構和創新中心的合作方面更是不遺餘力，其中包括蘇黎世聯邦理工學院、洛桑聯邦理工學院、倫敦帝國理工學院、牛津大學、加拿大滑鐵盧大學、麻省理工學院、史丹福大學等世界著名學府，致力促進香港跟海外相關機構聯繫，建立密切而共贏的科研合作關係。

他是香港工程師學會資深會員、澳洲工程師協會特許專業工程師及協會成員，及倫敦帝國理工學院 Hamlyn Centre 顧問委員會主席。他亦積極參與推動香港工商業界的發展，於香港主要的商會擔任委員，並活躍於創業和風險投資界。

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Mr Christopher Tse

Vice President

Hong Kong Electronics Industry Council

謝鴻強先生

副主席

香港電子業總會

Mr Tse Hung Keung, MBA, incorporated Musical Electronics Ltd. in 1976, have factories in China, Hong Kong and Vietnam in producing audio-visual system, toys, medical and personal protection products.

- Chairman of VTC-ECTB
- Vice Chairman of HKEIC (FHKI Group 5)
- Vice Chairman of FITMI
- Chairman of HKOMIA
- Committee member of the ENGDAB/VTC

謝鴻強先生，工商管理碩士，於 1976 年成立美好電子有限公司。在中國、香港及越南設廠生產不同類型的影音、玩具、醫療及個人保護等產品。

- 職訓局電子及電訊訓練委員會 – 主席
- 香港工業總會第 5 分組香港電子業總會 – 副主席
- 香港創新科技及製造業聯合會 – 副主席
- 香港光機電產業協會 – 理事長
- 職業訓練局工程學科顧問委員會 – 委員

(by presentation order)

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