

ICT Conference 2021

Embracing Digital Futures Under New Normal

An aerial photograph of the Hong Kong skyline at sunset. The Victoria Harbour is in the center, with numerous skyscrapers lining the waterfront. The sun is low on the horizon, casting a warm orange glow over the city. The background shows the surrounding mountains.

Date : 8 October 2021
Time : 14:00 – 17:30
Format : Webinar
Venue : HKUST Business School Central
Website : <http://www.ictconference.hk/>

Programme

Time	Activities	Speakers	Title / Organisation
13:45	Registration & Sign-in		
14:00	Welcome Address	Ms Justina HO	Chairlady, The IET Hong Kong
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15:40	Keynote Speech 1: Digital Solutions in the Post-Pandemic Era	Ir Dr Hon LO Wai Kwok, GBS, MH, JP	Legislative Councilor (Engineering Functional Constituency)
	Keynote Speech 2: Innovation and Technology – Reshaping Hong Kong under the New Normal	Mr Victor LAM Wai-kiu, JP	Government Chief Information Officer, The Government of the Hong Kong Special Administrative Region
	Group photo		
	Speech 1: Transitioning from Land Mobile Radio to 4G/5G Cellular-based Technologies: Are we ready for it?	Mr David LUM	Director, Technical Pre-Sales Support, Motorola Solutions Singapore Pte. Ltd.
	Speech 2: Smart Logistics in Fighting COVID-19 Pandemic	Mr Simon K.Y. WONG, MH	CEO, Logistics and Supply Chain MultiTech R&D Centre (LSCM)
15:40	Break		
15:45	Speech 3: Technology Trends Under New Normal	Prof Larry POON	Co-founder and CEO, Roborn
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17:30	Speech 4: How AI Accelerates Innovation against COVID-19	Miss Ocean YAU	Director, Cosmic Commercial Services Limited
	Speech 5: ICT Innovation Accelerate the Digital Transformation Under New Normal	Mr Vincent CHEN	CTO, Hong Kong & Macau, Huawei Enterprise Business Sector
	Speech 6: The Impacts of Central Bank Digital Currency (CBDC) Under the New Normal	Prof Emil CHAN	Chairman, The Association of Cloud and Mobile Computing Professionals
	Closing Speech	Ir Alex LAI	Chairman, Organising Committee, ICT Conference 2021

Welcome Address from Chairlady of The IET Hong Kong



Ms Justina HO

*Chairlady,
The IET Hong Kong*

With 160,000 members worldwide, the IET is a professional home to inspire, inform and influence the global engineering community, supporting technology innovation to meet the needs of the society. This is made possible through a number of engineering networks established by the IET, including Professional Networks and Local Networks, with worldwide groups of engineers sharing common technical and professional interests. Through the IET platform, these networks provide up-to-date sector-specific news, stock a library of technical articles and give our members and industry professionals the opportunity to exchange knowledge and ideas, through dedicated discussion forums and many high quality professional events.

The IET Hong Kong ICT Conference is one of our annual flagship events to keep us updated on the latest development in the ICT discipline, and the theme this year is "Embracing Digital Futures under New Normal". This year also marks the 150th Anniversary of IET, and it is my great honour and pleasure to welcome you all to the ICT Conference 2021 in this very special year.

The COVID pandemic undoubtedly gives us great challenges in all aspects of life. However, embracing challenges is the very nature of engineering, and what doesn't kill us makes us stronger. In fact, technology has brought us closer together than ever. Under the physical and geographical restrictions, globalization is actually made possible in the virtual world, helping us to reach even further.

That said, adjusting to the New Normal poses another challenge, and technology blossoms during this new round of technology revolution. The ICT 2021 is, therefore, the perfect platform to help our members to stay on top of the game.

I would like to express our greatest gratitude to our speakers, supporting organizations, and guests for their supports, and I am particularly grateful for the great efforts of the organizing committee.

Last but not least, despite not able to join us physically this year, I wish that you can still enjoy this event as much as I do through the use of technology. And I wish that we can finally meet again in person very soon. Until then, stay healthy stay safe!

Justina Ho
Chairlady, The IET Hong Kong
Council Member, The IET

Keynote Speech 1: Digital Solutions in the Post-Pandemic Era



Ir Dr Hon LO Wai Kwok, GBS, MH, JP

*Legislative Councilor
(Engineering Functional Constituency)*

Ir Dr LO Wai Kwok, GBS, MH, JP, is Member of the Legislative Council of the Hong Kong Special Administrative Region, representing the Engineering Functional Constituency, and is Chairman of the Panel on Development and Deputy Chairman of the Public Works Subcommittee under the Finance Committee of the LegCo.

Dr Lo is very active in the community and has served many government organizations, professional bodies and trade associations. He was President of the Hong Kong Institution of Engineers in the session 2007/08 and was a Sha Tin District Councilor for many years. He is currently member of the Airport Authority and the West Kowloon Cultural District Authority, and is Honorary Chairman of the Hong Kong Quality Assurance Agency. He is Chairman of the Business and Professionals Alliance for Hong Kong, Founding Chairman of the Hong Kong Green Strategy Alliance, and Past President of the Hong Kong Professionals and Senior Executives Association. He is also member of the Chinese People's Political Consultative Conference, and member of the China Association for Science and Technology.

Abstract

A pandemic of the century has resulted in all-round digitalization of business operation and personal consumption patterns. Digital solutions like AI, big data and cloud computing are widely employed during the COVID-19 pandemic and continue to develop and become part of everyday life in the post-pandemic era. At the same time, the new development paradigm of “dual circulation” introduced in the “14th Five-year” Plan will bring new opportunities for Hong Kong. Hong Kong should leverage its strengths and proactively take part in this new development to establish its new roles as an international science and technology innovation center, to promote re-industrialization and to cooperate with other Greater Bay Area cities.

Keynote Speech 2: Innovation and Technology – Reshaping Hong Kong under the New Normal



Mr Victor LAM Wai-kiu, JP

*Government Chief Information Officer,
The Government of the Hong Kong
Special Administrative Region*

Mr Victor Lam Wai-kiu joined the Hong Kong Government as an Analyst/Programmer in August 1985, immediately after graduation from the University of Hong Kong, majoring in Computer Studies.

As an information technology (IT) professional, Mr Lam has provided IT services to various government departments, including the Housing Department, the Customs and Excise Department, the former Trade Department and the former Information Technology Services Department. He took up the appointment as Government Chief Information Officer on 6 July 2018 to champion the development of information and communications technology, smart city and digital government in Hong Kong.

Abstract

The COVID-19 pandemic has posed unprecedented challenges to global economic and social conditions for more than a year, from which Hong Kong could not be insulated. At times of turmoil, innovation and technology has played an important part in curbing the spread of the disease, restoring stability and confidence in people's daily lives, and helping with economic recovery. Mr Victor Lam, Government Chief Information Officer, will share his insights on how the Government has been launching a series of information technology initiatives to tackle the challenges we encounter under the pandemic.

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Speech 1: Transitioning from Land Mobile Radio to 4G/5G Cellular-based Technologies: Are we ready for it?



Mr David LUM

*Director,
Technical Pre-Sales Support,
Motorola Solutions Singapore Pte. Ltd*

David Lum is a Director in Motorola Solutions in the Asia/Pacific region. For more than 37 years, David has worked in the land mobile two-way radio business and has extensive experience in a wide variety of markets and applications that use two-way voice & wireless data radio systems in mission-critical applications. David's work experience & responsibilities include product development, systems marketing, manufacturing, systems engineering, field engineering, project & program management, sales & engineering training, business development, product marketing, government regulatory affairs, and international operations management. David worked extensively in the US and Asia/Pacific markets, and has done international business for more than 27 years.

Based in Singapore, David continues to travel frequently within the Asia Pacific region to consult on radio systems and its design, speak at technical conferences and seminars, presenting to many senior-level government officials, and educating customers and regulators on technology trends and applications. David contributes to the industry by writing magazine articles and white papers that have been published internationally. David is also currently on the Board of Editorial Advisors for the Radio Resource International industry magazine. One of the more interesting and unique credits in David's career is being the first Motorolan to enter into the Democratic People's Republic of Korea (aka North Korea) in 2001.

David has a Bachelor's of Science degree in Electrical Engineering from the University of Illinois at Urbana-Champaign and a Master's of Science degree in Management from the Lake Forest Graduate School of Management. Before relocating to Singapore for a 2nd time, David also was an adjunct MBA Business Professor teaching at the Lake Forest Graduate School of Management since 1993, teaching Project Management, Global Business & Cultural Diversity, and Effective Leadership to MBA students who are full-time working executives. David also served for 3½ years as President of the Asian Business Council, a twice award-winning employee-based diversity network inside Motorola. David also started two Toastmasters Clubs, served as President, and achieved the Advanced Communicator Bronze level. David had also contributed his community service time towards the National Association of Asian American Professionals (NAAAP) as a National Senior Advisor, and served on the National Board of Directors. He continues to help all Asian professionals to improve their professional career and leadership abilities through personal growth and leadership development. David was a frequent international speaker, lecturer, and trainer on Asian affairs and leadership development, in addition to two-way radio technology.

Abstract

4G LTE and the new 5G mobile technology promises a new world of mobile communications and potentially new applications. Many government agencies, like public safety, and industrial organizations, like utilities and transportation, wonder if they can move from their traditional communication technology of two-way radio (AKA land mobile radio) to 4G/5G to take advantage of the high-speed broadband capabilities. This presentation will touch upon the differences between mission-critical and business-critical philosophy and 4G/5G's readiness to public safety & industrial communications.

Speech 2: Smart Logistics in Fighting COVID-19 Pandemic



Mr Simon K.Y. WONG, MH

CEO,

*Logistics and Supply Chain MultiTech R&D
Centre (LSCM)*

Mr Simon K Y Wong is the Chief Executive Officer of the Logistics and Supply Chain MultiTech R&D Centre (LSCM). It was established in 2006 by the HKSAR Government and charged with the mission to research and develop relevant technical solutions to serve the logistics, construction and eCommerce industries in Hong Kong and the Pearl River Delta region.

Mr Wong has more than 30 years of working experience in the commercial sector. Before joining the LSCM, Mr Wong held a number of technology development and management positions in Hong Kong and Taiwan. He worked at the General Electric Company between 1996 and 1999, and he was the President of GE Appliances Asia from 1999 to 2004. He joined Johnson Electric in 2004 as the President of JE Trading Limited. He was highly involved in developing supply chain solutions for customers and exploring new business models. He held this position until 2010.

Abstract

Ever since early 2020, LSCM R&D Centre has been working closely with the SAR Government to Support Hong Kong's Anti-COVID-19-Pandemic work. The work involves quarantine of visitors/returners to Hong Kong. The universal community testing program , the voluntary PCR tests and the latest vaccination program.

Simon will talk the above endeavors and lessons learnt in this challenging but exciting time.

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Speech 3: Technology Trends Under New Normal



Prof Larry POON

*Co-founder and CEO,
Roborn*

Professor Larry Poon, CEO of Roborn Technology Limited, has been teaching master's degree programs at the Chinese University of Hong Kong Business School since 2002, including Global EMBA, EMBA and MBA. He teaches a variety of courses, including strategic management, brand building, marketing and has won many outstanding teaching awards. Professor Larry Poon is currently an honorary fellow at the Asia-Pacific Business Institute of the Chinese University of Hong Kong, an Adjunct Associate Professor in the marketing department. Over the years, he has been providing consulting services on corporate strategy and identifying market development directions for companies from around the world. Professor Larry Poon serves as an independent non-executive director of two Hong Kong listed companies. He is the Humanitarian Education Advisor of Hong Kong Red Cross and the Advisor of The Chinese Gold and Silver Exchange.

Professor Larry Poon has been investing and running innovative and tech companies since 2001. As an academic as well as a practitioner, he shares his knowledge and wisdom as the host of the long-standing radio programs called "New Thinking in Management" as well as "Talking to CEOs" by Radio Television Hong Kong.

Abstract

Plato says, "Necessity is the mother of invention". The impact of Covid-19 has created many necessities, our living in social distancing, tracking of infected patients, work from home or learning from everywhere, video conferencing, or just a simple need to eat in a "bubble", you name it. All of the above needs have driven innovation and inventing new technologies. What are the technology trends under the new normal? From the technology trends transforming from old normal to new normal, one of the megatrends is the convergence of technologies across domains. Professor Larry Poon will share his thoughts from the perspective of a tech entrepreneur as well as a consultant in strategy formulation. Hope the insights will help Hong Kong people embracing the change by riding on the trends successfully.

Speech 4: How AI Accelerates Innovation against COVID-19



Miss Ocean YAU

*Director,
Cosmic Commercial Services Limited*

Miss Ocean Yau obtained a Master's Degree in 'Biomedical Engineering' from Imperial College London. Some of her areas of research interests include biostatistics and technological innovation.

Ocean is working as the Director of Cosmic Commercial Services Limited. Cosmic is a specialist contractor for the Hong Kong SAR Government. The company has been working as partners with Boston Scientific (BSX in NYSE) for 15 years and Terumo Corporation (TRUMF in OTC) for 5 years.

With her expertise in Biomedical Engineering, she has been working on digital projects with global pharmaceutical companies.

Abstract

This unprecedented global health challenge spurs development of a wide range of novel technologies and innovations. From diagnosis to treatment, artificial intelligence has been playing a key role in curbing the pandemic. In this light, we are going to explore AI in three different areas: prevention, detection and drug discovery. Key issues of data protection and algorithmic bias have been discouraging us from adopting AI. How can we better address them in the future?



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Speech 5: ICT Innovation Accelerate the Digital Transformation Under New Normal



Mr Vincent CHEN

*CTO,
Hong Kong & Macau,
Huawei Enterprise Business Sector*

Vincent Chen joined Huawei in 2014, before moving to Hongkong at March, 2021. Vincent served as CTO of Global Financial Industry, Huawei Enterprise Business Group for around 7 years, overseeing the technology & solution sales strategy of the company's financial sector globally.

Mr. Chen has wealth of experience in IT & Banking industry over 25 years. Prior to joining Huawei, Mr. Chen had a 14 years' career at Cisco System served as the CTO & SE director of South China. Before Cisco, Mr. Chen spent more than 6 years working for Bank of China in charge of the core banking application development on Mainframe.

Mr. Chen hold a Bachelor Degree of Computer Science and a MBA Degree both are all at the Sun Yat-Sen University, China.

Abstract

The leading corporations are accelerating their digital transformation journey by deeply adapting new technologies, while Huawei is becoming the leading trusted ICT partner for the industry to go beyond in this journey.

Speech 6: The Impacts of Central Bank Digital Currency (CBDC) Under the New Normal



Prof Emil CHAN

*Chairman,
The Association of Cloud and Mobile
Computing Professionals*

Emil is a FinTech evangelist with over 20 years experience in managing IT and business transformation projects in international financial institutions. He had worked for several sizeable international banks including Credit Suisse and BayernLB as the roles of First Vice President, Head of IT in Asia Pacific, Project Director and Operations Manager AP. He has extensive experience in both Business and IT consulting encompassing the design, setup, leading and managing of cross-border projects throughout Asia. He is the adjunct professor, visiting lecturer as well as advisor of various departments of local universities including HKU, PolyU, CityU, Hang Seng U, Lingnan U and VTC.

In the past 10 years, he participated actively in voluntary community services in related to popular adoption of technology. He is the Founding Chairman of the Association of Cloud and Mobile Computing Professionals, The FinTech Committee Chairman of the Smart City Consortium, Hon. Secretary and Board Member of Invotech, Vice Chairman of Hong Kong New Emerging Technology Education Association, Supervisory Committee Member of iProA and the Honorary Chairman of StartHK. He is a mentor of the HK Cyberport Mentors Network, Guangzhou CP-Nest Incubator of Chinese Academy of Sciences and Chief Judge of the HK ICT Startup Award 2019. In order to unleash Hong Kong's potential and play a new role in the Greater Bay Area, Emil also hosts seminars, delivers public speeches and publishes articles of FinTech related topics on local newspapers and interviewed by various media from time to time.

Abstract

Under the new normal between the China-US trade war and pandemic, some countries like El Salvador and Ukraine legalised Bitcoin to take part in the digital transformation exercise while China ban crypto completely to strengthen the effectiveness of the upcoming massive country-wide eCNY introductory project.

How shall Hong Kong react or reposition itself? Please be aware that Hong Kong Dollar has been issued by the commercial banks but not the central bank since the colonial era. If cashless is the future under the new normal, what kind of digital currencies Hong Kong has to work with? How can we take advantage over the very special nature of Hong Kong Dollar that is pegged to US Dollar with huge reserved since 1983 as a remedy to the Asian Currency Crisis?

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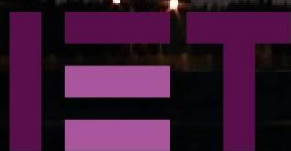
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