



Artificial Intelligence Embedded Electronics

Date: 16 October 2017 (Monday)
Time: 10:15 a.m. (Registration starts at 10:00 a.m.)
Venue: Seminar Room, Halls 5F-G, Level 5,
Hong Kong Convention and Exhibition Centre
1 Expo Drive, Wan Chai, Hong Kong

Co-organizers:



Hong Kong Trade Development Council



Messe München International (MMI) Asia Pte Ltd.



The Hong Kong Electronic Industries Association



Vocational Training Council



**VOCATIONAL TRAINING COUNCIL
ELECTRONICS AND TELECOMMUNICATIONS TRAINING BOARD**

Technology and Application Seminar on

Hong Kong Electronic Forum – “Artificial Intelligence (AI) Embedded Electronics”

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About Vocational Training Council

Established in 1982, the Vocational Training Council (VTC) is the largest vocational and professional education and training provider in Hong Kong. VTC provides valuable credentials for some 250 000 students each year through a full range of pre-employment and in-service programmes with internationally recognised qualifications.

The Electronics and Telecommunications Training Board (ECTB) is established under the VTC to ascertain the manpower needs of the various industries they represent, and to recommend manpower initiatives to meet the needs.

Aiming to update the in-service personnel of the various sectors of the electronics and telecommunications industries on the latest developments of technologies and applications of AI Embedded Electronics, ECTB in collaboration with Hong Kong Trade Development Council (HKTDC), Messe Munchen International (MMI) Asia Pte Ltd. and The Hong Kong Electronic Industries Association (HKEIA) organise a joint technology and application seminar on “**Artificial Intelligence (AI) Embedded Electronics**” during the Hong Kong Electronics Fair 2017 (Autumn Edition). Three distinguished speakers are invited to deliver talks on the following areas related to the theme of the seminar:

- 1. The Future of Artificial Intelligence Technologies and Challenges;**
- 2. The Era of AI and Deep Learning; and**
- 3. Snapdragon and AI at the Edge.**

After the talks, there is a “Panel Discussion” Session for the audience to share their views and experience on the theme of the seminar with the speakers. At the end of the seminar, there will be a “Q & A Session with Prize”.

VOCATIONAL TRAINING COUNCIL
ELECTRONICS AND TELECOMMUNICATIONS TRAINING BOARD
Programme of the Joint Technology and Application Seminar on
Hong Kong Electronic Forum – “Artificial Intelligence (AI) Embedded Electronics”

Time	Programme	Speaker
10:00 – 10:15 a.m.	Registration Coffee & Tea Reception	
10:15 – 10:25 a.m.	Welcome Remarks	Dr C.H. Ng Chairman Hong Kong Electronic Industries Association
	Souvenir Presentation to Speakers Group Photo with all representatives	Mr Daniel Lam Senior Exhibitions Manager Hong Kong Trade Development Council Representative from MMI Asia Pte Ltd
AI Embedded Electronics		
10:25 – 10:45 a.m.	The Future of Artificial Intelligence Technologies and Challenges	Mr Alex Hou Senior Industry Analyst & Project Manager The Industrial Economics & Knowledge Center (IEK) of Industrial Technology Research Institute (ITRI) in Taiwan
10:45 – 11:05 a.m.	The Era of AI and Deep Learning	Mr Samuel Lo General Manager Nvidia AI Technology Center
11:05 – 11:25 a.m.	Snapdragon and AI at the Edge	Mr Michael Wong Senior Director of Sales Qualcomm Technology Inc.
11:25 – 11:40 a.m.	Q & A Session and Panel Discussion	Moderator: Dr Alan Lam Group Chief Executive Officer, Sengital Limited
11:40 – 11:45 a.m.	Q & A Session with Prize	Mr Johnny Yeung Chairman, Electronics and Telecommunications Training Board of VTC
11:45 a.m. – 1:00 p.m.	Topics on Flexible Electronics	
1:00 – 1:05 p.m.	Q & A Session with Prize	
1:05 p.m.	End of Forum	

Bibliography of Guest Speakers

Mr. Alex Hou Senior Industry Analyst & Project Manager, The Industrial Economics & Knowledge Center (IEK) of Industrial Technology Research Institute (ITRI) in Taiwan

Alex Hou is a senior industry analyst / project manager of The Industrial Economics & Knowledge Center (IEK) of Industrial Technology Research Institute (ITRI) in Taiwan, with more than 13 years of industrial analysis experience. The main research areas include smart city, low-carbon city, mobile device, communication device, wearable devices, artificial intelligence and so on. He has published more than 100 short articles and more than 30 long research reports, and more than 50 lectures about trends of industries.

Presentation abstract: 1. Development of Artificial Intelligence International Leaders
2. Artificial Intelligence Key Technology Trends
3. Artificial Intelligence Challenges and Solutions

Mr. Samuel Lo General Manager, Nvidia AI Technology Center

Samuel Lo has been involved in the ICT Industry in Asia Pacific region for over 20 years, supporting local research and ICT collaborations when he was with Sun Microsystems and Silicon Graphics. Recently he joined Nvidia as General Manager of Hong Kong AI Technology Center supporting local research and teaching in AI, Deep Learning on GPU technology. Prior joining Nvidia, Mr. Lo was Senior Director of Oracle China, Head of Government Affairs and Corporate Development. Mr. Lo holds Bsc in Computer Science from Asia International Open University.

Presentation abstract: Artificial intelligence (AI) is the use of computers to simulate human intelligence. Learning from data – a computer’s version of life experience – is how AI evolves. GPU deep learning is a new computing model in which deep neural networks are trained to recognize patterns from massive amounts of data. Networks are then deployed in data centers and intelligent devices to infer and predict the next actions – Every industry has awoken to AI.

Mr. Michael Wong Senior Director of Sales, Qualcomm Technology Inc.

Michael Wong is a Senior Director of Sales at Qualcomm Technology Inc. In this role, he leads the company’s China and Southeast Asia semiconductor sales organization with specific focus in the “Internet of Things” and “Wireless Infrastructure” market segments, driving business growth across Voice & Music, Drones, VR, Wearables, Cameras, and Smart Cities applications. Previously, Michael was a Director of Business Development for the Asia Pacific region, primarily focusing on attaching wireless connectivity technologies (WiFi, Bluetooth) into handsets and computing devices. Michael joined Qualcomm as part of the company’s acquisition of Atheros Communications where he led various Business Development and Applications engineering operations for the company. In his early years as a systems and software engineer, Michael also made important contributions to the development of the 802.11 WLAN protocols and algorithms. He currently holds a Master of Science degree in Electrical Engineering from Stanford University, and MBA degrees from Northwestern University’s Kellogg School of Management and from Hong Kong University of Science and Technology. He also holds a Bachelor of Applied Science and Engineering degree from University of Toronto.

The Seminar is supported by: (In alphabetical order)



Electronics Division of
The Hong Kong Institution of Engineers



Hong Kong Wireless Technology
Industry Association



The Chamber of Hong Kong
Computer Industry



Hong Kong Electronics Industry Council



Information Technology Division of the
Hong Kong Institution of Engineers



The Chinese Manufacturers' Association of
Hong Kong



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