

Hong Kong Electronic Forum

香港電子論壇

Date 日期 : 16 / 10 / 2017 (Monday 星期一)
Time 時間 : 10:00am – 1:00pm
Venue 地點 : Seminar Room, Hall 5FG, Hong Kong Convention & Exhibition Centre
Language 語言 : English and Putonghua (With simultaneous interpretation service)
Remarks 備註 : Free Admission (Please click [HERE](#) to register online)
免費入座 「[按此](#)」登記

**Q&A Session
with Prize!
有獎問答環節**

| Time 時間 | Programme 程序表 |
|--|---|
| 10:00am – 10:15am | Registration 登記 |
| 10:15am – 10:18am | Welcoming Remarks by 致歡迎辭 Dr C.H. Ng, Chairman, Hong Kong Electronic Industries Association 香港電子業商會會長 吳自豪博士 |
| 10:18am – 10:24am | Souvenir Presentation to Speakers 頒發紀念品予演講嘉賓 Mr Daniel Lam, Senior Exhibitions Manager, Hong Kong Trade Development Council 香港貿易發展局展覽事務高級經理 林國駿先生 Ms Joanna Wong, Project Director, MMI Asia Pte Ltd 慕尼黑國際博覽亞洲有限公司展覽總監 黃偉莊女士 |
| 10:24am – 10:25am | Group Photo Taking with all representatives 代表合照 |
| Session 1: Artificial Intelligence (AI) Embedded Electronics | |
| 10:25am – 10:45am | The Future of Artificial Intelligence Technologies and Challenges 人工智能技術趨勢與國際產業動態 Mr Alex Hou, Senior Industry Analyst & Project Manager, IEK of Industrial Technology Research Institute (ITRI) in Taiwan 台灣工業技術研究院(ITRI)/產業經濟與趨勢研究中心(IEK)資深產業分析師/專案經理侯鈞元先生 |
| 10:45am – 11:05am | The Era of AI and Deep Learning Mr Samuel Lo, General Manager, Nvidia AI Technology Center |
| 11:05am – 11:25am | Snapdragon and AI at the Edge Mr Michael Wong, Senior Director, Qualcomm Technology Inc. |
| 11:25am – 11:40am | Q&A Session and Panel Discussion 問答及討論 Moderator: Dr Alan Lam, PhD, MHKIE, Group Chief Executive Officer, Sengital Limited 主持: 港科研有限公司集團行政總裁 林曉鋒博士、工程師 |
| 11:40am – 11:45am | Q&A Session with Prize by 有獎問答環節 Mr Johnny Yeung, Chairman, Electronics and Telecommunications Training Board of VTC 職業訓練局電子業及電訊業訓練委員會主席 楊志雄先生 |

Organisers 主辦機構:



Co-organisers 協辦機構:



Remarks 備註:

- Free admission. Seats are granted on a **first-come-first-served basis**. 免費入場。座位有限，**先到先得**。
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| Session 2: Flexible Electronics | |
| 11:45am – 12:05pm | Printed and flexible electronics open new opportunities and applications for automotive and medical applications Mr Wolfgang Mildner, Founder and CEO, MSWTech 德國 MSWTech 創辦人及首席執行官 Wolfgang Mildner |
| 12:05pm – 12:25pm | Printing Nanomaterials for Flexible Stretchable Wearable Electronics Prof. Zheng Cui, Director of Printable Electronics Research Center, Suzhou Institute of Nano-tech and Nano-bionics, China Academy of Science 中國科學院蘇州納米技術與納米仿生研究所印刷電子技術研究中心主任 崔錚教授 |
| 12:25pm – 12:45pm | Smart-living Devices Enabled By Innovative Materials Dr. Edward Song, Principal Engineer, Nano and Advanced Materials Institute Limited 香港納米及先進材料研發院首席工程師 宋建軍先生 |
| 12:45pm – 1:00pm | Q&A Session and Panel Discussion 問答及討論 Moderator: Dr Alan Lam, PhD, MHKIE, Group Chief Executive Officer, Sengital Limited 主持: 港科研有限公司集團行政總裁 林曉鋒博士、工程師 |
| 1:00pm – 1:05pm | Q&A Session with Prize 有獎問答環節 |
| 1:05pm | End of Forum 論壇結束 |

Speaker Profile 講者簡介

Mr Alex Hou,
Senior Industry Analyst & Project Manager, IEK of Industrial Technology Research Institute (ITRI) in Taiwan
台灣工業技術研究院(ITRI)/產業經濟與趨勢研究中心(IEK) 資深產業分析師/專案經理 侯鈞元先生

Alex Hou is a senior industry analyst / project manager of 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.

侯鈞元 (Alex Hou)，現任台灣工業技術研究中心產業經濟與趨勢研究中心資深產業分析師/專案經理，擁有 13 年以上產業分析經驗。主攻資通訊產業，並橫跨能源、城市等領域，對當紅議題具備敏銳觀察力，專長研究領域包括智慧城市、低碳城市、行動裝置、通訊裝置、穿戴裝置、人工智慧裝置等。已發表超過 100 篇以上短篇分析文章與 30 篇以上長篇研究報告，及超過 50 場以上專題演講。

Presentation abstract 演講大綱:

1. Development of Artificial Intelligence International Leaders
國際人工智能大廠近年布局動態分析
2. Artificial Intelligence Key Technology Trends 人工智能關鍵技術趨勢
3. Artificial Intelligence Challenges and Solutions
人工智能挑戰與解決方案



IEK

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Speaker Profile 講者簡介

Mr Samuel Lo,

General Manager, Nvidia AI Technology Center

Mr. 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 演講大綱:

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, Qualcomm Technology Inc.

Qualcomm 高級銷售總監 黃兆瑜先生

Michael Wong is a Sr. Director of Sales at Qualcomm. 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.



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Speaker Profile 講者簡介

Dr Alan Lam, PhD, MHKIE,

Group Chief Executive Officer, Sengital Limited 港科研有限公司集團行政總裁 林曉鋒博士、工程師

Ir. Dr. Alan Lam received his BEng, MPhil and PhD degrees from the Department of Mechanical and Automation Engineering of The Chinese University of Hong Kong (CUHK) in 1999, 2001 and 2004, respectively. He successfully commercialized his research work and co-founded Sengital Limited in 2004. He is currently the CEO of Sengital Group. Under the leadership of Ir. Dr. Lam, the team has won numerous prestigious local and international awards for their product innovation and excellence. He 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 the JCI Ten Most Outstanding Young Persons of 2015. Ir. Dr. Lam is dedicated to professional and public services. He currently serves as the Director of the Board of ASTRI, Member of ITSP Assessment Panel (Electronics) of ITC, Member of HKIE and Committee Member of HKETA.



林曉鋒博士、工程師於1999年畢業於香港中文大學機械與自動化工程學系，隨後於2001及2004年在同系取得哲學碩士和博士學位。畢業後林博士成功把博士研究項目商品化，並在2004年成立了港科研有限公司。現為港科研集團行政總裁，在他的卓越領導下，港科研團隊歷年來在產品創新方面獲得不少本地和國際性獎項。林博士於2014年被香港科學園提名成為第一屆創新英雄，以表揚他在科研項目商品化方面的傑出成就。

林博士於2015年獲選為香港十大傑出青年。林博士一直積極參與各項專業及公共服務。他獲委任為香港應用科技研究院董事會成員、創新科技署創新及科技支援計劃評審委員會(電子組別)委員、香港工程師學會會員、以及多個電子科技商會委員。



Mr Wolfgang Mildner,

Founder and CEO, MSWTech

Founder and Owner of MSWTech in Stein, Germany. MSW was founded 1983 as software development and consulting company. Today MSW supports companies to find value in new technologies – especially printed electronics. Wolfgang Mildner was Managing Director of PolyIC from 2004 – 2014. He studied Computer Science at the Technical University of Erlangen. Before joining PolyIC, Mildner worked in several business positions for Siemens AG since 1986. He was responsible for a number of project turning promising technologies into business. Wolfgang Mildner is General Chair of LOPEC (the largest event focused on printed electronics). He is also member of the Executive Advisory Board of TU Munichs MBA Program. <http://mswtech.de/>



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Speaker Profile 講者簡介

Prof. Zheng Cui,

Director of Printable Electronics Research Center, Suzhou Institute of Nano-tech and Nano-bionics, China Academy of Science 中國科學院蘇州納米技術與納米仿生研究所印刷電子技術研究中心主任 崔錚教授

Prof. Cui worked in the UK for 20 years and returned to China in 2009. He setup the first research center in China dedicated to printed electronics R&D. The Center now has over 70 researchers with research themes ranging from electronic ink formulation to printing process development, with particular emphasis on printed display technologies, including printable OLED and quantum dots materials, printed TFTs, hybrid printed transparent conductive films for touch panels and encapsulation of organic electronic devices. He has authored and coauthored over 250 technical publications, 8 books and over 60 patents in the areas of micro-nanofabrication and printed electronics. Some of the development technologies have been transferred to industry and commercialized.



Presentation abstract 演講大綱:

Printed electronics represents a paradigm shift in electronic manufacturing. Unlike IC-based microelectronics, which relies on rigid semiconductor substrates, electronic materials can be printed in additive manner on any substrate materials such as flexible plastic, fabric and paper in printed electronics, which opens wide spectrum of applications complementary to silicon microelectronics. The Printable Electronics Research Center (PERC) at the Suzhou Institute of Nanotech and Nanobionics was founded in 2010. The PERC has been developing nanomaterials based printable inks and a wide range of printed electronic devices in the last 7 years. This talk will focus on the work carried at PERC in making flexible, stretchable and wearable electronic circuits and hybrid electronic systems by printing instead of conventional lithographic patterning. Some recent results will be presented.

Dr. Edward Song, Principal Engineer, Nano and Advanced Materials Institute Limited

香港納米及先進材料研究院首席工程師 宋建軍先生

Dr. Edward SONG is a principal Engineer at Nano and Advanced Materials Institute Limited (NAMI), a research and development center for nanotechnology and advanced materials under the Innovation and Technology Commission (ITC). He has strong passion in innovation and commercialization of new technologies. Since joining NAMI in 2013, he technically led projects like solution processed printable electronics, sensors and heaters. His recent efforts include the development of new composite materials for force sensing and impact protection.

Presentation abstract 演講大綱:

Material development plays an important role in the development of new generation of electronics and devices. As a product oriented material research center in Hong Kong, NAMI has put vast amount of efforts in material development for printable electronics and smart devices in the past few years. In this presentation, I will discuss our product oriented materials R&D, some examples will be included.

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