



# INFORMATION SECURITY MANAGEMENT

*“Information Security -  
Managing and Responding to Cyber Attacks”*

16 March 2016



## *“Information Security - Managing and Responding to Cyber Attacks”*

Information security has become a major part of senior management’s focus, and not just every IT professional’s job. Hackers are constantly trying to compromise your networks, steal sensitive data, and overwhelm your systems. Adding to the security management challenges, users are demanding to work from anywhere on any device. Information security management is important for maintaining the confidentiality, integrity and availability of IT systems and business data. Many large enterprises employ a dedicated security group to implement and maintain the organisation’s information security programme. With growing popularity of disruptive technologies including Mobility and Cloud Computing, Social Networking and Big Data Analytics, the accompanying data security and privacy issues become vital concerns.

Information security is the set of business processes that protects information assets’ regardless of how the information is formatted or being processed, in transit or being stored. Information security is not a single technology but a strategy comprising the processes, tools and policies necessary to prevent, detect, document and counter threats to digital and non-digital information\*. Processes and policies typically involve both physical and digital security measures to protect data from unauthorised access, use, replication or destruction.

Designed for senior executives who are key decision makers in business and other professionals involve in managing information security, this one-day programme combines practical advice with sound security management insights. The latest updates and trends to be covered will significantly benefit anyone who is interested in incident handling and response relating to Cyber security.

This high-impact programme will enrich the experience of the participants by means of interactive discussions, in-depth case studies and experience sharing by speakers who are industry experts. Synergy will be created between participants to constructively challenge their existing practices and come up with practical strategies that take the information security management to the next level.

\* Manjunath KV (2014), Information Security Policy, International Journal of Computer Science & Communication Networks, Vol 5(4),224-227

## Programme

## Objectives

Upon completion of the programme, participants are expected to achieve the following outcomes:

- To raise participants’ alerts on the increasing threats and impacts of Cyber attacks.
- To gain detailed understanding of the interdisciplinary aspects of Information Security including technical, business, management and policy.
- To enrich expertise to manage the growing complexities associated with security of data and networks.
- To outline best practices for protection, enabling participants to make appropriate decisions on what and how to protect their organisations against Cyber attacks.

# Speakers & Panelists



***Prof. Ir. Daniel Lai, BBS, JP***

Professor of Practice (Computing), PolyU  
Former Government Chief Information Officer, HKSARG

Prof. Ir. Lai is a seasoned Information Technology professional with over 40 years' experience in Hong Kong, mainland and Australia. He has also served on many boards, including as Past President of Hong Kong Computer Society and is a Fellow of Hong Kong Institution of Engineers. Prof. Lai was the Government Chief Information Officer of Hong Kong SAR Government from Jan 2012 to Jan 2015.

Prior to joining the Government, he was the Head of Information Technology at MTR Corporation Ltd. and held senior IT managerial positions with The Hong Kong Jockey Club (HKJC) and played a key role in HKJC's computerisation journey.



***Dr. Ir. Paul Liu***

Director of Mobiapp Plus Limited  
Director of Ritzy Research Institute Limited  
School Manager of Liu Po Shan Memorial College

Dr. Liu had been manager of Chong Hing Bank Limited from 1999 to 2014. He had also been director of Chong Hing Information Technology Limited and director of Net Alliance (HK) Limited. He has been serving as members of various cloud computing committees. Dr. Liu is a member of the Institute of Electrical and Electronic Engineers, fellow of Hong Kong Institution of Engineers and member of Hong Kong Computer Society. Dr. Liu specialises in information security, banking and finance applications, workflow systems, IT management development, investment project and project valuation.



***Mr. Ronald Pong***

Chief Executive Officer  
Nexusguard Consulting Limited

Mr. Ronald Pong is the CEO at Nexusguard Consulting Limited, where he combines over 18 years of experience in Information Security Management, Computer Forensics, and Compliance Audit to guide businesses on following best practices in security. In addition to consulting with numerous corporations, from international banks, finance institutions and manufacturing companies to government and law enforcement bodies, Mr. Pong is a thought leader in information security and has helped transform the security industry in Hong Kong and throughout Asia Pacific. Mr. Pong holds multiple international qualifications, such as PCI QSA, PA-QSA, etc.



***Mr. Wilson Wong***

General Manager (IT Industry Development),  
Hong Kong Productivity Council

Mr. Wong is the General Manager of IT Industry Development Division of Hong Kong Productivity Council (HKPC). He oversees Hong Kong IT Industry Support, IT Management Consulting, Security, New Media Solution, Patents and Trademarks. Wilson, a seasoned IT professional, has over 20 years of sales and management experience in Hong Kong. Before joining HKPC, Mr. Wong was the Managing Director of SAP Hong Kong and held various key management positions in Microsoft Hong Kong.



***Mr. S.C. Leung***

Senior Consultant, HKCERT,  
Hong Kong Productivity Council

Mr. Leung has been in the IT field since 1990, serving in business sectors including multi-national bank, internet solution provider, telecom service providers and professional consultancy outsourcing. He is currently the Senior Consultant of Hong Kong Computer Emergency Response Team (HKCERT) supervising the security incident response team. He was the Chair of Internet Society Hong Kong 2011-2014 and a frequent speaker on Information Security.



***Ms. Yvonne Tsui***

Country Manager,  
FireEye Hong Kong and Macau

A veteran with 20 years of experience in the information technology sector, Ms. Tsui is responsible for leading and directing the growth, profitability and market share leadership of FireEye in Hong Kong and Macau. Prior to joining FireEye, Ms. Tsui was a sales director in Symantec, through the acquisition of Veritas, managing the enterprise account team in Hong Kong. Ms. Tsui has demonstrated strong leadership skills and expertise in enterprise software management and solutions selling in her 12 years of service in Symantec and Veritas.

# Programme Structure

## Morning session

- Welcome and Introduction
- Cyber threats, risks to businesses, impacts, cases of hacking and fraud *by Prof. Ir. Daniel Lai, BBS, JP*
- Protecting your systems, networks and data: Network security, security control, cryptography, data information and classification *by Dr. Ir. Paul Liu*
- Best practices for information security - balancing threats and opportunities *by Mr. Ronald Pong*
- Q&A
- Networking Lunch

## Afternoon session

- Information security policies, processes and procedures to ensure protection: IT security management and protection, HR and people, protection of data, backup and recovery, business continuity planning - Panel Discussion *by Morning Speakers, Mr. S.C. Leung and Ms. Yvonne Tsui*
- Preventing and recovering from Cyber Attacks: Role and functions of Hong Kong Computer Emergency Response Team and how it can help business and the community *by Mr. Wilson Wong*
- Monitoring your Systems and ensuring Safe and Authorised Access: IT Security Audit, System Access Controls, 2 Factors and Biometric Authentications *by Dr. Ir. Paul Liu*
- Review of Takeaways and Concluding Remarks

## Extended Programme - Executive Master in Digital Leadership

PolyU is newly launching a 18-month Executive Master in Digital Leadership\*, specially designed to provide forward looking executives with genuinely innovative professional development experience to become well-equipped leaders in today's digital economy.

**Level of Award:** Executive Master

**Target Participants:**

- Senior Executives who are key decision makers in businesses
- Engineers and Computer Scientists
- Venture Capital & Angel Investors

**Mode of Attendance:**

Part-Time

**Duration of Study:** 18 months (Taught Components in less than 12 months)

**Mode of Delivery:** Friday Evenings & Saturdays (10 hrs/week)

**Total Credits:** 30

**Tuition Fee:** HK\$240,000-

**Commencing:** September 2016



\* The programme is subject to validation and final approval.

## Registration & Enquiry

A completed registration form with cheque payable to "The Hong Kong Polytechnic University" should be sent to IAEE on or before **2 March 2016 (Wed)**. Spaces are limited, registration will be accepted on first-come-first-served basis.



**Date:** 16 March 2016 (Wed)

**Time:** 9:30 am - 5:30 pm

**Venue:** PolyU campus

**Fees:** HK\$3,000 per person  
(Lunch and refreshments are included)

**Tel:** (852) 3400 8476

**Email:** [iaee.enquiry@polyu.edu.hk](mailto:iaee.enquiry@polyu.edu.hk)

**Website:** [www.polyu.edu.hk/iaee](http://www.polyu.edu.hk/iaee)

**Address:** GH267, GH Podium Annexe,  
The Hong Kong Polytechnic University,  
Hung Hom, Kowloon

## Combo Programmes

Enjoy **10% discount** for registrations of any two of the IAEE Senior Executives Series programmes.

## Looking for another topic?

Talk to us to learn about the wide array of programmes on offer and tailor a combo that best suits your needs.

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