

Fintech Series - Cybersecurity and Data Protection

(June to August 2019)



We have entered the age of big data and it is inevitable to adopt a mix of different technologies to process the tremendous amount of data. Yet, the applications can lead to serious problems, like leaking and theft of personal data which would harm not only the privacy of individuals but also the reputation of the organizations and eventually cause financial losses.

The new Fintech Series - Cybersecurity and Data Protection aims to provide participants with the latest technology and solutions to tackle cybersecurity issues and protect data, and identify the relevant law and regulations that organizations should pay attention to.

Seminars				
Topic/ Programme code	Date and time	Rating	Language	Speakers
Smart Applications of Big Data (SCPD19062801)	Friday, 28 June 2019 7:00 p.m. - 8:30 p.m.	Intermediate	Cantonese	Mr. Emil Chan Fintech Consultant, CSG Consultancy; Incubator and Fintech Enthusiast
Cybersecurity Threats and Privacy (SCPD19072401)	Wednesday, 24 July 2019 7:00 p.m. - 8:30 p.m.	Foundation	English	Mr. Jason Yau CPA (US), CITP, MSc Partner, Technology and Management Consulting, RSM Hong Kong
IT Security and Cloud Security for SMP/SME (SCPD19081901)	Monday, 19 August 2019 7:00 p.m. - 8:30 p.m.	Intermediate to advanced	Cantonese	Mr. Antony Ma LLM, CCSP Hoplite Technology



Workshops				
Topic/ Programme code	Date and time	Rating	Language	Speakers
The Implication of General Data Protection Regulation on Local Companies (WSHP19070901)	Tuesday, 9 July 2019 6:30 p.m. - 9:30 p.m.	Intermediate	English	Dr. Dorothy Chau <i>CIPPIE, CIPPIA, CIPM</i> Programme Director and Senior Lecturer, Hong Kong Baptist University; Fellow of Information Privacy (FIP) and Co-Chair of the International Association of Privacy Professionals (IAPP)
How Cybersecurity Becomes the Culture of a Sustainable Company (WSHP19080601)	Tuesday, 6 August 2019— 6:30 p.m. - 9:30 p.m. Friday, 27 September 2019 6:30 p.m. - 9:30 p.m.	Foundation	Cantonese	Ms. Gloria So Principal, ShineWing Hong Kong Mr. Windham Wong Senior Advisor (Cybersecurity), ShineWing Hong Kong Mr. Marco Lam Senior Advisor (Cybersecurity), ShineWing Hong Kong

Venue **Hong Kong Institute of CPAs,**
27/F., Wu Chung House, 213 Queen's Road East, Wanchai, Hong Kong

Fee (for each)		<u>Seminar</u>	<u>Workshop</u>
HKICPA member or student:		HK\$150	HK\$750
Online enrolment:		HK\$150	HK\$740
IA/ HKIAAT member or student:		HK\$150	HK\$750
Non-member:		HK\$330	HK\$1,500

Participants CEOs; CFOs; Accountants; Auditors; Company Directors; Decision makers in technology investment; Compliance officers and risk officers; Persons who would like to enrich cybersecurity awareness and strengthen cybersecurity knowledge in the information age

Competency* Information technology; Risk management; Industry knowledge; Ethics and regulation

**CPD hours
(for each)** Seminar: 1.5
Workshop: 3

* Please refer to the [Institute's online CPD Learning Resource Centre](#) for descriptions of competency and rating.



About the programme

Smart Applications of Big Data (SCPD19062801)

Course outline

This seminar discusses how blockchain reshapes the market norm and how traditional business in Hong Kong reacts to the rapid changes. The speaker will share the basic concept and various applications of blockchain, the challenges of traditional business including the new eco system, and the strategy of transforming competitors to partners demonstrated by successful cases. The power of cross boundaries and the latest development of virtual banking will also be covered. Topics include:

- Cloud computing, big data, A.I. and blockchain
 - Introduction to these IT hype words
 - Applications and case studies
- The new world of sharing economy, open data and cashless society
 - Internet Plus
 - The power of interconnectivity
 - Successful cases

After joining the seminar, participants will be able to:

- Understand the latest technology development in the financial industry
- Plan for own fintech roadmap

About the speaker

Mr. Emil Chan, Fintech Consultant, CSG Consultancy; Incubator and Fintech Enthusiast

Mr. Chan has over 20 years experience in managing IT and business transformation projects in international financial institutions. He has worked for several sizeable international banks including Credit Suisse and BayernLB as First Vice President, Head of IT in Asia Pacific, Project Director, and Operations Manager AP. Mr. Chan has extensive experience in both business and IT consulting encompassing the design, setup, leading and managing of cross-border projects throughout Asia. He is currently the co-founder and CEO of Starthub Holding Limited, a startup entrepreneur consulting firm and also a part-time lecturer of postgraduate eBusiness and fintech courses for several renowned business schools such as HKU SPACE, Hong Kong Institute of Bankers, and Hang Seng Management College. Moreover, he compiles and delivers in-house training courses for international companies and financial institutions, facilitating their staff to make good use of technology to enhance the companies' competitiveness.

In the past 10 years, Mr. Chan participated actively in voluntary community services related to popularization of technology. He has been leading the IBM User Group as the chairman since 2006. He is also the founding chairman of the Association of Cloud and Mobile Computing Professionals, the Vice President of Internet Profession Association, the Vice President of Hong Kong Blockchain Society and the Vice Chairman of Hong Kong New Emerging Technology Education Association.

Mr. Chan has been the judge of several major IT competitions including Hong Kong ICT Awards and Pan-Pearl Delta Universities IT Projects Competition in Hong Kong and China since 2010. He also sits on the board of the Smart City Consortium as the Fintech Committee Chair, Vice President (Innovation and Regulation Policy) of Hong Kong Blockchain Society and a Committee Member of the Hong Kong Cross Border eCommerce Association. Mr. Chan 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.

Mr. Chan obtained a bachelor degree in Applied Computer Science and graduated from the University of Iowa with a Master of Business Administration degree. He also obtained the Neuro-Linguistic Programming Trainer and Certified Information System Auditor certifications around a decade ago.



Cybersecurity Threats and Privacy (SCPD19072401)

Course outline

Internet technologies such as cloud computing and social media marketing play as one of the most significant roles in the next decade of digital transformation. The benefits and risks associated with such technologies becomes a topic of debates in recent years. As such, practitioners, professional service firms and corporates need to be well aware of the potential cybersecurity threats and the risk of data leakage when evaluating the pros and cons on implementing these new technologies. In view of increasing concern on cybercrimes, regulations and laws are also being tightened to address the ever-increasing cyber offenses. Corporates should be up-to-date with the related guidelines and penalties.

This seminar will cover the latest cybersecurity threats and privacy issues, the corresponding cost, cybersecurity laws and regulations. Overview and recent incidents of data breach, key types of cybercrime and related controversial cases will also be discussed. Comprehensive precautions and different country rules will be discussed which will guide companies to well handle potential data privacy issues. With a brief understanding on restrictions of privacy matters, practical ideas on preventions like workable cybersecurity measures and controls will also be illustrated.

After joining the seminar, participants will gain knowledge about:

- Different kinds of cyber threats and their impacts on practitioners
- How to manage privacy issues in cyberspace and prevent data leakage by implementing workable cybersecurity measures and controls
- The latest changes or issues in the global security and privacy area

About the speaker

Mr. Jason Yau, CPA (US), CITP, MSc

Partner, Technology and Management Consulting, RSM Hong Kong

Mr. Yau has been with RSM since 2004 and was a member of RSM US global expat team prior to joining RSM Hong Kong in 2016.

Mr. Yau spearheaded the first Asia-Pacific region expat program and subsequently established the Technology and Management Consulting division in Hong Kong, which focuses on providing high-quality IT solutions to corporate customers, including enterprise resource planning/customer relationship management (ERP/CRM) implementation, cloud strategy, cybersecurity, infrastructure, IT audit and computer forensic etc.

Mr. Yau is the partner-in-charge for RSM Hong Kong's internal IT department, responsible for the overall IT strategy, infrastructure, support, security, and data privacy matters for the Hong Kong firm. He has 15 years of professional experience in financial services industry. Prior to his expat assignment, he was based in RSM New York office providing audit and consulting to financial services companies. He also has extensive experience in Sarbanes-Oxley and IT-related control testing and assisted several multinational companies with US IPO and S-1 registration processes.

Mr. Yau is the China advisor for RSM International (RSMi). His main responsibilities are to assist RSMi CEO, the Board of Directors and regional leaders communicating and implementing global strategies and handling cross-border client matters.



IT Security and Cloud Security for SMP/SME (SCPD19081901)

Course outline

Computer systems are the lifeblood of every business nowadays. The systems are used to protect, process and store information that is absolutely critical to the business operations. Threats to the systems are powerful weapons in the hands of cyber criminals, who may cause havoc by stealing sensitive data and generally disrupting operations.

Good and long-lasting cyber security builds on control designs and practical application of technologies. In this seminar, the speaker will discuss the threats and proven best practices fit for small and medium practice/small and medium enterprise (SMP/SME). Topics include:

- Threats related to cloud computing
- Case study
- Well accepted security control designs

About the speaker

Mr. Antony Ma, *LLM, CCSP*
Hoplite Technology

Mr. Ma has extensive experience in audit and cyber security in banking, telecom and public sector. He is a member of ISO Subcommittee 27 and has participated in ISO standard development, including 27001 and other standards. He was also the founding Chairman of Cloud Security Alliance Hong Kong and Macau Chapter, and was a key member in developing Singapore National Standard Multi-Tier Cloud Security Standard (MTCS), first public cloud security standard in Singapore.



The Implication of General Data Protection Regulation on Local Companies (WSHP19070901)

Course outline

The General Data Protection Regulation (GDPR) is a new regulation, which came into effect on 25 May 2018 with a goal of tightening and harmonizing data protection for the European Union. This workshop aims to provide an introduction to the GDPR and a practical understanding of the implication and requirements for organizations that conduct business with people and companies based in the European Union, and the GDPR's influence in Asia on businesses and regional regulations.

After joining the workshop, participants will be able to:

- Obtain a practical understanding of GDPR and the underlying principles
- Ascertain how the new rules around GDPR apply to your organization
- Compare the differences among Hong Kong privacy ordinance, Mainland cybersecurity law and GDPR to cater for the cross-border business needs

About the speaker

Dr. Dorothy Chau, CIPPIE, CIPPIA, CIPM

Programme Director and Senior Lecturer, Hong Kong Baptist University; Fellow of Information Privacy (FIP) and Co-Chair of the International Association of Privacy Professionals (IAPP)

Dr. Chau is a Senior Lecturer and Programme Director at the Hong Kong Baptist University, within the School of Business. She is currently the director of the new Master in Finance (Fintech and Financial Analytics), bringing together the best minds and leaders in finance, fintech, A.I., regtech, privacy and cybersecurity. With over 8 years of experience in these areas, Dr. Chau is a seasoned fintech professional with a strong reputation as being an industry and academic liaison. Dr. Chau's deep industry connections has allowed her to bring the biggest and best organizations from Tencent, Alipay, IBM, UBS, BNP Paribas, Ant Financial, Deloitte, Ping An Bank, Crypto.com and others to work with her to integrate content into her programmes, where she has successfully built industry-academic collaboration. She is also the advisor and chairman of the Data Privacy Special Interest Group of the Institute of Financial Technologists of Asia (IFTA) and the founding council member and chairman of the blockchain education committee of the Hong Kong Blockchain Development Association (HKBCDA).

Dr. Chau is also the Co-Chair of the International Association of Privacy Professionals (IAPP), and inducted as a Fellow of Information Privacy (FIP). In addition to Certified Information Privacy Professional/Asia (CIPP/A) and Certificate in Investment Performance Measurement (CIPM), her Certified Information Privacy Professional/Europe (CIPP/E) certification makes her a sought out expert on the topic of General Data Protection Regulation (GDPR), where she has presented to audiences both locally in Hong Kong and China, including CPA Australia, The Hong Kong Institute of Certified Public Accountants, The Hong Kong Independent Non-executive Director Association, HKU SPACE, The Association of Chartered Certified Accountants, The Hong Kong Institute of Directors, and more.



How Cybersecurity Becomes the Culture of a Sustainable Company (WSHP19080601)

Course outline

In this workshop, the speakers would introduce the overview of full-scale cybersecurity management plan for enterprises and how it helps the company to survive in the environment full of cybersecurity risks. Topics include:

- The impacts and remediation of the recent cybersecurity incidents
- How and why cybersecurity is turning into an important section for an enterprise
- What is cybersecurity management plan and how to apply it within an enterprise
- Who should be in charge and be involved in the cybersecurity management plan
- How to maintain and make sure the cybersecurity management plan works

About the speakers

Ms. Gloria So, Principal, ShineWing Hong Kong

Ms. So has 16 years of experience in enterprise risk management, internal controls, information technology general control review, financial due diligence and external audit. She has the expertise in performing Sarbanes-Oxley Act services, internal audit reviews, enterprise risk management and other strategic review engagements for clients from a wide range of industries. She is also responsible for leading various pre-IPO due diligence engagements for listed companies.

Mr. Windham Wong, Senior Advisor (Cybersecurity), ShineWing Hong Kong

Mr. Wong has considerable experience in the fields of cybersecurity log management and threat intelligence. He is a former security analyst of managed security operation centre in UK. He obtained his Master Degree of Computer Systems Security in University of South Wales, UK. He also possesses a number of professional qualifications, including Offensive Security Certified Professional (OSCP), GIAC Certified Intrusion Analyst (GCIA), Qualified Security Team Member (QSTM).

Mr. Marco Lam, Senior Advisor (Cybersecurity), ShineWing Hong Kong

Mr. Lam has extensive experience in areas of A.I., big data technology, software development and cybersecurity. He worked in a multinational advanced software company before. He is a graduate of the Hong Kong Science and Technology Parks Incubation Programme and also an awardee of the Cyberport Creative Micro Fund.



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