

# Hong Kong Big Data Symposium 2015

Co-organised by Hong Kong Computer Society – BI & Big Data SIG (BISIG) and

Hong Kong Science & Technology Parks Corporation

**Nurture Hong Kong to be the Leading Big Data Hub in Asia Pacific**

## Keynote Speakers:

### Mr. Roy Zuo, Big Data Marketing Director, Marketing Institute, Baidu



Roy Zuo, currently serving as Big Data Director of Baidu Marketing Research Institute and Baidu-Certified Distinguished Marketing Lecturer, has many deep investigations in the field of consumer insight based on Baidu big data. Coordinating joint efforts with JBP industry customer like P&G and Ping An Insurance, Roy has established several digital marketing toolsets, including behavior data based Consumer Profiling Model, Brand Diagnosis Model, Celebrity Endorsement Model, Social Listening, etc. Roy also built up digital brand management methodology known as “ROOTS”, collaborating with McKinsey, the famous consulting firm.

### Mr. Karthikeyan Rajasekharan, Asia Technical Lead for Cloud Platform, Google



Karthikeyan is from the Google Enterprise team and helps enterprises run their analytics on the Google Cloud. He enjoys the challenge of matching business needs with innovative technology solutions. He has 15 years of experience in building enterprise applications. Karthik holds two Masters degrees (Masters in Engineering and Management from the Massachusetts Institute of Technology and a Masters by Research focused on data analytics from the Singapore University of Technology and Design).

His research interests include applying big data analysis techniques to study people, product and place interactions. His most recent paper studied the diffusion of contributor influence in online communities and helps enterprises extract key product attributes of relevance to their audience. This allows enterprises to combine bottom up data driven product features with top down creative features that look at product attributes holistically.

## Forum #1 – Big Data Users

### Moderator:

### Dr. Toa Charm, Chairperson, BI & Big Data SIG, Hong Kong Computer Society



Dr. Charm is a widely connected and reputable business leader and management consultant in Asia Pacific. He has over 25 years of practical experience in managing overall business, sales, channel, operation and consulting functions for large and mid-size multinational and Chinese IT companies in Greater China and Asia Pacific. Dr. Charm was the associate partner of IBM GBS Greater China, the regional head of BI Competence Centre for HSBC Asia Pacific, the general manager of Oracle (BI Division) and Hyperion Greater China, the general manager of Kingdee Asia Pacific, and the executive manager of Jardine Pacific.

Dr. Charm specializes in BI and big data, strategic thinking and management, digital transformation, business models innovation, internet finance and financial technologies, customer experience and loyalty, and internationalization for Chinese enterprises. He envisions big data can bring revolutionary changes to enterprises and societies in Asia and founded Big Data Elite Asia. The company's vision is to leverage on big data and innovative strategies to help traditional enterprises in Asia transform their business models, revolutionize Asian cities to become data-driven Smart City, and nurture startups to transform innovation into profitable business by providing them consultancy and training services. He is now acting as strategic advisors for a number of clients across industries in Greater China and Asia Pacific.

Throughout his career, Dr. Charm has built a solid and wide network in business, ICT, public and academia areas in Asia as well as the world. He is the Vice President of Hong Kong Computer Society (HKCS), Chairperson and Founder of the Big Data SIG (BISIG) for HKCS, Chairperson and Founder of the FinTech SIG for HKCS, Advisor of Entrepreneurship Center - Hong Kong Cyberport, Mentor of the Incubation Center - Hong Kong Science and Technology Parks, and Advisor of Big Data Initiative - Malaysia's Multimedia Development Corporation (MDeC) which aims to establish Malaysia to be the leading big data hub in ASEAN. Dr. Charm was also a member in the China Trade Advisory Board - Hong Kong Trade Development Council, and assessment judge for a number of IT and business competitions, such as 2014 Asia Pacific ICT Award (APICTA), 2014 HK ICT Awards (Big Data Track), etc.

Dr. Charm received his Doctor of Business Administration degree from Hong Kong with research area on Core Competence and Business Intelligence. He obtained MBA and B.Sc., from the US and completed senior executive programs from Harvard, MIT, UC-Berkeley and CEIBS. Dr. Charm is a TDWI Certified BI Professional and completed a Big Data Certification Program of MIT. He aims to publish a book on big data and another one on strategy in 2015. He is also appointed as adjunct professor for a number of leading universities including University of Hong Kong and Tsinghua University in Beijing.

### **Panel Speakers:**

#### **Mr. Dave Chan, Regional Director, Business Intelligence, UBM**



Dave Chan, CBIP, is a business analytics practitioner with over a decade of experience implementing big data projects for retail banking, healthcare and media organizations. In his current role, Dave leads a team of analysts that help the business democratize data and build data-driven products.

Dave speaks in big data, predictive analytics and data visualization conferences in Asia and the US. He graduated from University of Illinois at Urbana-Champaign as a James Scholar in Electrical Engineering.

#### **Mr. Matthew Chan, Assistant General Manager, Digital Marketing and CRM, K-11**



Matthew Chan is the Head of Digital Marketing at K11 Concepts Limited. Prior to this appointment, he has held regional roles at different luxury retail brands with leading digital, data analytics and e-commerce responsibility for the Asia Pacific region.

Mr. Chan is a passionate advocate for disrupting consumer-shopping trends, both online and offline, specializes in leveraging the power of digital, data analytics and technical innovation for business development, customer engagement and marketing effectiveness improvement. As a veteran in consumer technology with an entrepreneurial soul, he has been overseeing strategic initiatives and driving the reinventions for omnichannel retailing, digital marketing and data analytics.

Besides served as the Chairperson of Social Media SIG of The Hong Kong Computer Society, he is also the advisory committee for different major retail and digital conferences across the region including Retail Asia Expo, IRCE Asia, HKICC.

**Mr. Steve Illingworth, Chief Technology Officer, Asia Pacific & Japan, Pivotal Software Inc.**



Steve Illingworth is The Chief Technology Officer at Pivotal in Asia Pacific & Japan. Prior to Pivotal, Steve served the same role for EMC Greenplum division and responsible for architecting Business Intelligence and Data Warehousing solutions based upon Greenplum's Unified Analytics Platform (UAP), for customers who are interested in advanced analytics. His previous role, Senior Manager for the Business Information Solutions (BIS) team, Hewlett-Packard Asia Pacific and Japan, had similar responsibilities. He came to this position after 13 years at Oracle Corporation, having headed up their Asia Pacific BI & DW technical sales team as well as a Product Marketing and Product Management roles at Corporate headquarters in Redwood Shores California. With over 19 years of experience in the area of Business Intelligence and Data Warehousing, Steve is an accomplished presenter having been a keynote speaker at many Industry events including OpenWorld conferences and iDevelop conferences world-wide.

**Mr. Anil Raparathi, Business Intelligence Lead, APAC, Fossil**



Anil Raparathi is a Business Intelligence Manager at Fossil Asia Pacific Limited (HK), which is an American designer and manufacturer, clothing & accessories, watches & jewelry with ten major Brands.

He is specialized in various BI technologies with over ten years of competency. Currently he is managing entire BI services at Fossil APAC for its three major Business Groups (Retail, Wholesale and Concessions) across nine countries in APAC.

Prior to joining Fossil, Mr. Anil Raparathi worked with Bayer AG, IBM and HCL Technology where he managed various BI Projects and Services with several multi-national clients located in APAC, EMEA and AMERICAS.

**Mr. Felix Zhang, Deputy Head, Noah's Ark Lab, Huawei**



Baofeng Zhang leads the IT (Information Technologies) lab in Huawei central research institute since 2009, and is currently the vice deputy head of Noah's Ark Lab in Hong Kong. He has over 14-year experience in telecom industry, specifically in software design/development, requirement analysis, software/system architecture design and engineering to management within Huawei. Baofeng also has nearly 5-year experience in national/international standards bodies, and has been the head of development teams to numerous of products widely covering the circuit-based switch and IP-based product, the head of delegations to numerous national standard development events, and an active participant of numerous of international standard development.

**Mr. Michael Chong, Solution Manager, Enterprise Group, Microsoft**



Michael Chong is the Data Platform Solution Manager in the Enterprise group at Microsoft Hong Kong. Michael's responsibilities include architecting and development of core data platform solutions, such as Big Data, Business Intelligence, Data-warehousing and Machine Learning, etc for the enterprise customers. Before joining Microsoft in 2007, Michael was the Services Director of Oracle Hyperion, and Presales Director of SAP Hong Kong focusing on BI solutions for CFO office. Michael is a member of HKICPA and CIMA. He holds a Bachelor of Social Science in Statistics and Management Studies from the University of Hong Kong.

## Forum #2 – Big Data Research

### Moderator:

**Dr. Eric Lo, Director, Big Data Lab, Hong Kong Polytechnic University**



Dr. Eric Lo is an associate professor of Hong Kong Polytechnic University, Department of Computing. He is now the director of the big data lab and the program leader of the department. He obtained his PhD in Computer Science from ETH Zurich in two years. He has worked in the area of database systems (now fashionably called “big data”) for over a decade. Before returned to Hong Kong, he had worked for Google (Mountain View), and was a visiting scientist of Microsoft (Redmond). His research results have been published in world-leading database conferences, with three of his research papers have won the best paper awards. He has also served as program committee members for all the major world-class database conferences. His research projects have been supported by fundings from Hong Kong Research Grant Council, Hong Kong Innovation & Technology Fund, and industrial partners like HP and Amazon. He is also a senior scholar of Fudan University.

### Panel Speakers:

**Dr. Jia Zeng, Senior Research, Huawei Noah’s Ark Lab, Huawei**



Jia Zeng is a senior researcher at Huawei Noah’s Ark Lab. His research interests include machine learning and telco big data.

**Prof. Helen Meng, Director, Stanley Ho Big Data Decision Analytics Research Centre, The Chinese University of Hong Kong**



Helen Meng is Professor and Chairman of the Department of Systems Engineering and Engineering Management, The Chinese University of Hong Kong. She received all her degrees from MIT and joined CUHK in 1998. She is also the Founding Director of the Microsoft-CUHK Joint Laboratory for Human-Centric Computing and Interface Technologies, which has been recognized as a Ministry of Education of China (MoE) Key Laboratory since 2008. In 2013, she helped establish the CUHK Big Data Decision Analytics Research Center and serves as its Founding Director. She also served as Associate Dean (Research) of the Faculty of Engineering from 2006 to 2010. She was Technical Program Chair of INTERSPEECH 2014, former Editor-in-Chief of the IEEE Transactions on Audio, Speech and Language Processing, and was elected into the IEEE Board of Governors in 2014. She has served in the review panels of the Swedish Research Council European Research Infrastructure Initiative, and the National Centres of Competence in Research of the Swiss National Science Foundation.

Helen’s local professional services include Convenor of the Working Party for the 2015 Manpower Survey of the Information Technology Sector in Hong Kong, and Convenor of the Engineering Assessment Panel of the Research Grants Council funding schemes for the Local Self-financing Degree Sector. She holds appointed memberships in the Steering Committee on eHealth Record Sharing of the HKSAR Government, Council membership of the Hong Kong Productivity Council, Open University of Hong Kong, and former memberships in the Research Grants Council and HKSAR Government’s Digital 21 Strategy Advisory Committee.

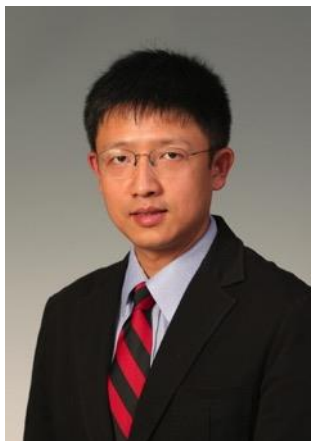
Helen received the Ministry of Education Higher Education Outstanding Scientific Research Output Award in Technological Advancements in 2009, and CUHK's Faculty of Engineering Exemplary Teaching Award, Young Researcher Award, and Service Award in previous years. She has also been elected Distinguished Lecturer of the International Speech Communication Association. Helen is a Fellow of the Hong Kong Computer Society, Hong Kong Institution of Engineers and IEEE.

**Dr. Yu Tao, Head of ASTRI-HP Information Technology Research Center (AHITRC) & Principle Engineer, The Hong Kong Applied Science and Technology Research Institute**



Dr. Tao Yu is the principal engineer in ASTRI and the head of ASTRI-HP Information Technology Research Center (AHITRC). Her team focuses on research and development of Big Data Analytics (BDA) platform. Dr. Tao Yu has more than 10 years' R&D experience in Service Oriented Computing, distributed system, Cloud computing and data analytics. She earned her PhD degree from University of California, Irvine in 2006 and has published more than 20 papers in International conferences and journals. Dr. Tao Yu has worked in HP research lab and IBM research lab for several years before joining ASTRI.

**Dr. Michael Zhang, Associate Professor, HKUST Business School, Hong Kong University of Science and Technology**



Professor Michael Zhang is an Associate Professor of Information Systems, Business Statistics and Operations Management at the Hong Kong University of Science and Technology, and an affiliated faculty at MIT Center for Digital Business. He holds a PhD in Management from MIT Sloan School of Management, an MSc in Management, a BE in Computer Science and a BA in English from Tsinghua University. Before joining the academia, he worked as an analyst for an investment bank, and as an international marketing manager for a high-tech company. He holds a US patent, and started a social network company. Professor Zhang's research interests are on issues related to creation, dissemination and processing of information in business and management contexts. His works study pricing of information goods, online word-of-mouth, online advertising, incentives of creation in open source and open content projects, and use of information in financial markets. His research has appeared in American Economic Review (AER), Management Science, Journal of Marketing (JM), MIS Quarterly (MISQ), Information Systems Research (ISR), Journal of MIS (JMIS), Decision Support Systems (DSS), and Journal of Interactive Marketing. He has also been actively involved in professional services, including serving as an Associate Editor for Information Systems Research, a Guest Associate Editor for MIS Quarterly, and a member of the editorial boards of Production and Operations Management and Electronic Commerce Research and Applications. Professor Zhang is also actively contributing to the society by assuming positions such as member of advisory board for Cyberport Entrepreneurship Center, and advisor for China Mobile, China Merchants Securities, Douban and Radica Systems.

## Mr. Daniel Chui, Technology Manager, Enterprise Group, Microsoft



Daniel Chui is the Data Platform Technology Manager of Microsoft Hong Kong. His passion and focus is on SQL Server, Business Intelligence, Predictive Analysis, Big Data and other data platform technologies. With more than 18 years of hands-on experience, he has helped numerous customers and partners to adopt newest and latest technologies from Microsoft Data Platform. Before moving to this position, he worked in Microsoft Consulting Services for 10+ years as architect and in implementation.

## Forum #3 - Big Data Startups

### Moderator:

### Mr. Ian Huang, Chairman, EXCEL Capital Strategy



Ian has multi-dimensional experience, including but not limited to IPO, merger & acquisition of technology business, general management, innovation management and entrepreneurship. Currently, he is Chairman of Excel Capital Strategy limited, which was founded to invest in the growth stage of the information communication technologies industry in China.

His contributions to the information technology are (i) he was the co-inventor of SCSI, the industry standard for peripheral interconnect (ii) he was the Chief Engineer for the Titan RISC (Reduced Instruction Set Computer) project at Digital Equipment Corporation (iii) he, as the overall engineering and marketing manager for DEC delivered the world first fibre optical data local area network (FDDI) and (iv) he while at Hughes Network Systems as the Vice President of Local Area Network Engineering has produced the MONET network management software and the ATM Switching Hub which were voted as product of the year consecutively by the Data Communications magazine.

Ian founded his first start-up company, XNET Technology, in Silicon Valley as Chairman, President & CEO. The equity investors of XNET Technology were Hambrecht & Quist (now part of JP Morgan), Citibank New York, Citibank Singapore, Citibank Luxemburg, DBS Bank, Jardine Fleming, Hong Leong Malaysia, and Malaysia Technology Development Corporation. He also setup up worldwide distribution channel: USA, England, France, Germany, Spain, Sweden, Hong Kong, Japan, Taiwan, Singapore, Malaysia, Thailand, Indonesia, Australia, New Zealand, South Africa and Brazil. XNET went listed as FIBR in NASDAQ by merging with Fiber Communications.

He founded another company called China e-Law as Group Managing Director, which was joint-ventured with Tsinghua University in Beijing for web-publishing the laws of China in English and Chinese focus in the legal professionals and SME markets in the US and Europe with investment from Caisse de dépôt et placement du Québec. China e-Law eventually became LexisNexis China.

He was the Visiting Chief Architect for the Singapore National Science & Technology Board (now called A\*STAR). He was Chairman of the Advanced Computing Committee of ACM Silicon Valley Chapter. He was a member of the Computing Futures Committee of IEEE Computer Society. He was a co-founder of the Asian Business League of Silicon Valley. Ian was listed in Who's Who in Technology in 1986 and Who's who of Outstanding America in 1995. He is a Fellow of the Hong Kong Computer Society.

Ian holds a BS in Electrical & Computer Engineering and a MS in Computer Science from Carnegie-Mellon University, a MS in Electrical Engineering from the University of Portland. He is a graduate of the Advanced Management Program at Harvard University.

## Panel Speakers:

### Mr. Edmund Lee, CEO, K-Matrix Ltd



Mr. Edmund Lee is K-Matrix's Co-founder & Chief Executive Officer, a leading digital intelligence provider, based in Hong Kong and with dispersed offices in Shanghai, Guangzhou and Shenzhen. K-Matrix designs and delivers market-leading digital analysis and solutions for its clients in Greater China, specialized in Social Brand Health Audit, Social Campaign Evaluation, Social Market Insight and Social Crisis Assessment.

Edmund is the pacesetter who has over 10 years of social media analysis experience in consumer insights and brand assets management. Edmund also serves as Vice President of the Hong Kong Digital Analytics Association (HKDAA) and Council Member of Internet professional Association (iProA). Edmund is a seasoned trainer and speaker for various industries, government sectors and academics. Edmund holds a degree in Computer Science from Hong Kong Polytechnic University.

### Mr. Francis Kwok, CEO, Radica Systems Ltd



Francis founded Radica in 2000 and be the Chief Executive Officer of RADICA. He was in-charge of corporate strategic planning, business expansion and investor relations. Being one of the best-known entrepreneurs born in Hong Kong, Francis brings Radica from a small start-up to a leading e-marketing technology company with regional offices in Shanghai, Guangzhou and Shenzhen. In 2009 and 2010, Francis was awarded the Adworld Top 1000 Ad Men in China. He is the first entrepreneur from Hong Kong, that go into the China market and actively promote the permissioned-based e-mail marketing business locally.

Under his leadership, it is proven that there can be successful for Hong Kong software products go into the overseas market. Over the past decade, Francis lead the team to win a lot of international clients such as Louis Vuitton (LVMH), MCM, Ermenegildo Zegna, Mercedes-Benz (BENZ), Global Sources Online (Global Sources), Hong Kong Trade Development Council (TDC), the largest travel service provider at China - Ctrip.com, Moet Hennessy Diageo (MHD), by helping them develop one-stop effective e-marketing strategies with high return on investment.

Currently, Francis takes the role of Chief Product Designer and direct the product innovation personally. Radica Data Lab was established in 2014 with the Hong Kong University of Science and Technology under his strategic direction. Francis is leading our product team to work closely with the top experts and professors on AI and big data areas, successfully transfer ressearch results into commercial products and bring the real value of big data to e-marketing.

Francis graduated from the Hong Kong University of Science and Technology, with a physics degree. In his leisure time, Francis is an adventure lover and enjoys triathlon, landscape design and travelling around the world. He is also a popular Pinterest blogger and black-and-white photographer. He has great interest in China heritage and architecture; he hopes he can contribute to the conservation of the village some day in the coming future.

## Dr. Eric Ma, Co-founder and CTO, Hututa Technologies Ltd



Dr. Eric Ma is currently the Co-founder and CTO of Hututa Technologies Limited. Hututa develops high-performance big data technology and cloud computing systems. At Hututa, Eric leads the R&D team designing and building large-scale data storage and processing systems.

The software product, Data Thinker, is the fastest big data technology in the world today, and supports a wide spectrum of applications including real-time, interactive and OLTP workloads. Efficiently supporting known big data computation, Data Thinker is 10-100 times faster than Hadoop, and 1.5-5 times faster than Spark. Hututa also builds a data cloud platform and aims to make large-scale data storage and supercomputing capability available to every individual and organization.

Prior to Hututa, Eric conducted systems research on distributed computing and storage systems for cloud computing. He built the world's first datacenter-scale virtual machine that runs as fast as traditional VMMs on single nodes and scales to many nodes at datacenter scale to support large parallel programs. Eric co-authored 8 research papers and is the co-inventor of 2 patents.

Eric holds a Bachelor's degree in Computer Science from Fudan University and a PhD degree in Computer Science and Engineering from the Hong Kong University of Science and Technology. He is a member of the Association for Computer Machinery and a member of Special Interest Group on Operating Systems (SIGOPS).

## Mr. Ivan Ng, Founder, Lively Impact Technology Ltd



Ivan Ng is the founder of a technology start-up - Lively Impact. The company was founded to focus on Big Data Application. Ivan is a veteran of Big Data technologies. In Lively Impact, he is the R&D head and Big Data analyst on both the design and implementation of a mobile advertising platform – Fingereach - that leverages big data advanced analytics to predict the likelihood of clicks on mobile advertisements out of billions of view and click data points. Before founding Lively Impact, he worked as a technology head and Big Data analyst on both the design and implementation of a logistics optimization platform that leverages big data technologies to collect huge amount of sensor data through a complicated sensor network in a supply chain and to perform logistics planning on top of these data in a timely fashion.

With a mission to bring leading and practical Big Data technologies to Hong Kong, Ivan introduced a series of structured Cloudera-based Big Data training to the region since 2012. He has delivered more than a dozen of Big Data trainings and seminars in various occasions since 2012 – topics include “Big Data from the ground up”, “Big Data and the Cloud”, “Big Data and Scalable Analytics”, “Big Data and Security”, “Big Data Use Case and Application”, “Develop Big Data applications on Hadoop”, “Administration of Big Data platform Hadoop” and so on. Participants coming from OGCIO, Hong Kong Police, Education Bureau, Macau government, Hong Kong Monetary Authority, OOCL, MOL Asia, AXA Insurance, Morgan Stanley Composite Index, Fedex Express, HP, Oracle, HKPC and so on.

Ivan is the inventor of 2 US patents (patent-pending) related to Big Data technologies and co-inventors of 7 China patents.



## Forum #4 – Data Scientists

### Moderator:

**Dr. Daniel Eng, Vice Chairperson, BI and Big Data SIG, Hong Kong Computer Society**



Ir Dr. Daniel Ng CPA ACMA FBCS/FHKCS is a qualified industrial and logistics engineer, CPA, Chartered Management Accountant, and Fellows of BCS and HKCS. He used to be Executive Director of a Hong Kong listed textile mills and now running 5 business units. He is external examiner to HKU, and visiting lecturer to PolyU. His doctoral researches are Integrated Reporting (completed), Community-based Learning Organisation for commercials high growth (completed) and Big Data Oriented Small Company's Dynamic Capabilities. In addition, he is researching for publication on Deep Learning, Deep Bayesian Belief (DBN), Convolution Neural Network (CNN), Econophysics, Correlation of Sequence in financial data and Random Matrix Theory (RMT).

### Panel Speakers:

**Ms. Money Chin, Strategic Marketing Manager, Siemens Building Technologies Group, International Headquarters**



Money is the Strategic Marketing Manager of Siemens Building Technologies Group, International Headquarters. She is an analytic and motivated marketer with an extensive international experience and proven results in global eCommerce team. An open minded, creative and culture sensitive team player with a focus on global transformation initiatives to motivate the team and the network. An international marketing professional with a strategic and operational experience demonstrated through delivery of eCommerce result for B2B business on both global and local levels.

Money is specialized in eCommerce marketing with specific focus on customer analysis and potential analysis by channels, as well as strategic planning and project management on eCommerce with over 16 countries. She is also specialised in team building and networking and transformation from traditional marketing to the technology innovative function.

**Mr. Steve Illingworth, Chief Technology Officer, Asia Pacific & Japan, Pivotal**



Steve Illingworth is The Chief Technology Officer at Pivotal in Asia Pacific & Japan. Prior to Pivotal, Steve served the same role for EMC Greenplum division and responsible for architecting Business Intelligence and Data Warehousing solutions based upon Greenplum's Unified Analytics Platform (UAP), for customers who are interested in advanced analytics. His previous role, Senior Manager for the Business Information Solutions (BIS) team, Hewlett-Packard Asia Pacific and Japan, had similar responsibilities. He came to this position after 13 years at Oracle Corporation, having headed up their Asia pacific BI & DW technical sales team as well as a Product Marketing and Product Management roles at Corporate headquarters in Redwood Shores California. With over 19 years of experience in the area of Business Intelligence and Data Warehousing, Steve is an accomplished presenter having been a keynote speaker at many Industry events including OpenWorld conferences and iDevelop conferences world-wide.

### **Mr. K Y Lo, Acting Deputy Director (Business Strategy & Planning), CLP**



Mr. K.Y. Lo is currently Acting Deputy Director (Business Strategy & Planning) at CLP Power Hong Kong Limited, responsible for overseeing teams to support the long-term strategic development of the company from the customers' perspectives, including data strategy and analytics team which has been developing various analytic tools to enhance the operational effectiveness and efficiency of both the company and customers, and hence meet the ever-increasing customer expectation.

Mr. K.Y. Lo holds a Bachelor Degree in Mechanical Engineering and a Master of Business Administration in the University of Hong Kong. He is a Chartered Engineer and has over 20 years of experience in the power industry. Prior to his current role, he has held a number of roles in power generation, business strategy and planning, marketing and sales, China business development, etc.

### **Dr. Phil Tian, Senior Solution Architect, Cloudera**



Phil obtained his PhD degree from Tsinghua University in Computer Science, with a specialization in Statistical Machine Learning in 2002. After that, he joined Beijing Jiaotong University as an Associate Professor in 2004. During 2007-2008, as a Visiting Professor, he worked with Professor Jiawei Han (an ACM fellow) in UIUC (University of Illinois at Urbana-Champaign). In 2008, Phil joined Intel IT Labs as a researcher focusing on R&D in Machine Learning & Data Mining, Text Analytics & NLP, Hadoop & Big Data as well as Business Intelligence. Six years later, in 2014 he joined Cloudera China as a Senior Solution Architect. Now his responsibility is mainly on development of reference architecture and solutions based on Cloudera Enterprise. In recent years, Phil has been leading a dozen of global R&D projects, and published a dozen of papers and two books, and he owns 2 patents.

### **Mr. Jacob Wai, Committee Member of BI & Big Data SIG, Hong Kong Computer Society**



Jacob has 17+ years of experience in the IT industry, specialising in reporting & analytics solutions for companies across different industries from FSI to FMCG Retail with core focus in the Asian regions, with locations such as Australia, Beijing, Hong Kong, Tokyo, Seoul, Taipei and Singapore, but also experienced in global settings such as UK, US, Swiss and France.

Currently leading the Regional Trading Risk Analytics and Reporting IT for a global investment bank and past roles includes global development lead for the VaR & PnL simulation aggregation and analytics system at the largest bank in HK, and heading the HK analytics consulting arm of Getronics HK, with expert knowledge of market risk analysis and reporting and limits monitoring, specifically in addressing BCBS239

Jacob received a Bachelor of Engineering (Computer Systems) from University of Technology, Sydney and an MBA from University of Wales. In addition, he is a Certified Financial Risk Manager (GARP), Certified Management Accountant (Aust) and regularly addresses at events such as providing keynote in HK BI and Analytics forum 2012 (content published), and Big Data Innovation Summit (HK) 2013, and panelist in the ComputerWorld Big Data & Business Analytics forum 2014 (content published), and Computerworld C-suite series 2011 (content published) and is a columnist in various publications.