



# **LIFE INSURANCE CONFERENCE 2018**

*Extending our Borders*

*Enabling our Industry*



# LIFE INSURANCE CONFERENCE 2018

## Program Description

The Life Insurance Committee of the Singapore Actuarial Society is pleased to host its **5th Life Insurance Conference** with the theme **"Extending our Borders, Enabling our Industry"** on **16-17 August 2018**, at **The Fullerton Hotel, Singapore**.

Big data, Predictive Analytics, Dynamic Underwriting, Blockchain, Data protection, Biometrics, Wellness programs, Insurtech, IFRS17 are recurring themes among others that we have been hearing of late. How do you view them – are they market movers or disrupters? How do you think the role of actuaries can evolve to make a positive impact? What are the current trends that will shape the industry over the next few years? The theme of **"Extending our Borders, Enabling our Industry"** was thus chosen with the aim to bring these topics alive over these 2 days.

Come and hear from industry leaders who are driving the evolution of the life insurance world by challenging the traditional boundaries that over time have formed our comfort zone. Keep abreast with our Regulator's views as we embark on this exciting journey. Reflect on what it all means for us actuaries. Finally, seize this opportunity to catch up with your industry peers and fellow actuaries on the latest market happenings.



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## Speaker Introduction



**Tan Suee Chieh**  
*Independent Advisor*

Suee Chieh qualified as an actuary (FIA) in 1986, and is a member of Council of the Institute and Faculty of Actuaries. He has a first-class degree in actuarial science from LSE (1981) and a Masters in Organizational Psychology from Columbia University (2002). He spent the first twenty years of his career in Prudential, and his last role was

Regional Managing Director of Established Markets (Hong Kong, Malaysia, Singapore).

He was also President of SHL Asia Pacific – a British listed organizational psychology firm from 2003 to 2006. From 2007 to 2017, he was associated with the NTUC group of cooperatives, firstly as CEO of NTUC Income and latterly as GCEO of its holding entity, NTUC Enterprise which spans many different businesses. He stepped down from this role in March 2017 to pursue his many interests. He currently sits on a number of boards and advisory councils.



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## **Shong Kay Ying**

***Director of Actuarial Product Development  
Reinsurance Group of America***

Kay has more than 11 years of Actuarial experience, across multinational life/health Actuarial consulting firms and reinsurers in US, HK and SG.

In her role as Director, Product Development, Kay leads new product initiatives in Southeast Asia markets. In addition to product development, her areas of expertise include reinsurance pricing, customer needs analysis, business planning and economic valuation of life insurance companies.

Kay joined RGA in December 2017, and prior to that she was Senior Marketing Actuary with a multinational life/health reinsurer based in Singapore. She also served as an actuarial consultant with Willis Towers Watson (previously Towers Perrin), where she provided actuarial support for mergers and acquisitions needs, IPOs, appointed actuary services and actuarial modelling projects for life insurance companies in Hong Kong, China and Southeast Asia.

Kay received a Bachelor of Science in Business Administration (BSBA) degree from Drake University, and is a Fellow of the Society of Actuaries (FSA) and a Chartered Enterprise Risk Analyst (CERA). She is fluent in English, Mandarin and Cantonese.



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## **David Lu**

***Deputy Regional Chief Medical Officer  
Swiss Re Asia***

David worked as an Orthopedic surgeon and researcher for 16 years in Beijing University, Hokkaido University and The University of Hong Kong. He was also the Medical Director of Bupa Hong Kong for 6 years and the Deputy Regional Chief Medical Officer of Swiss Re for 5 years.

David has a bachelor degree from Beijing Medical University and a PhD from Hokkaido University.

## **David Wright**

***Director of Product Development &  
Marketing  
Pacific Life Re***

David's key responsibilities lie in the overall delivery of reinsurance services and the promotion of UnderwriteMe to Pacific Life Re's clients in Thailand. In addition, he supports the company's business growth through the development of new

product ideas designed for the Asia market. David brings with him more than 25 years of experience in the life insurance industry, with roles spanning across product and business development, claims, underwriting, and operations management in Australia and Singapore.





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## **Lee Sarkin**

***Head of Data Analytics in Asia-Pacific,  
Middle East and Africa  
Munich Re***

Lee has over 12 years of actuarial experience at primary insurers and reinsurers in research and development, pricing and consulting roles. Lee heads the regional data analytics centre of competence, located in Singapore, covering the

Life & Health Asia-Pacific, Middle East and Africa business of Munich Re. This entails creating value across the value chain through predictive analytics, AI, big data and emerging analytics technologies while ensuring technical excellence, integration with actuarial concepts and professionalism.

Specialist skills include pricing insurance, understanding of mortality, disease and demographic modelling, data and predictive analytics (statistical learning techniques and software), analysis of medical scheme cohort data, scenario modelling, modelling the cost-benefit of healthcare interventions, etc. His Master's degree, presented at the 2014 International Congress of Actuaries in Washington D.C., applied advanced analytics methods when analyzing the survival and excess mortality of people living with HIV or Type-2 Diabetes. Lee's a member of the Institute and Faculty of Actuaries and the Actuarial Society of South African where he chairs its Demography & Epidemiology committee that maintains epidemiological models used by the actuarial profession.



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## **Nick Li**

***Principal, Strategy Consulting Practice  
NMG Consulting***

Nick leads strategy engagements across Asia, specializing in market participation assessment, distribution strategy, corporate partnerships, M&A and innovation. Nick has 10 years of insurance experience in strategy, data science and traditional pricing and reserving work. He is a Fellow of the Institute of Actuaries of Australia and the Singapore Actuarial Society.

## **Ervin Jocson**

***Partner***

***PricewaterhouseCoopers***

Ervin is a Partner with PwC Singapore specialising in systems and technology transformation. He brings over 17 years of industry and consulting experience as a practitioner and Chief Technology Officer. He has led major business transformation programmes for global and regional Insurance and financial services organisations.



Notably he was one of the lead pioneers of engineering Cloud solutions and services with AWS, Cisco and EMC. He continues to work closely with leading software vendors and integrators to solve corporate accounting and regulatory compliance requirements.





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## **Lee Wai Yi**

***Director & Head of Supervisory Analytics  
Division, Insurance Department  
Monetary Authority of Singapore***

Wai Yi joined the MAS in 2004, when the risk-based supervision and risk-based capital framework was being rolled out. She started heading a newly formed division, Supervisory Analytics Division, within the Insurance Department in MAS in 2011.

Her role involves enhancing the Risk-Based Capital framework for insurers in Singapore (“RBC 2 Review”), conducting stress-testing on insurers, monitoring the macroeconomic inter-linkages between insurance and other financial sectors and providing other forms of actuarial and analytics support to the insurance supervisors within MAS.

Prior to this, Wai Yi was responsible for leading a team of officers in supervising a portfolio of direct life and composite insurers in Singapore. She was, and continues to be in some cases, actively involved in a number of projects such as enhancing the policy owners’ protection scheme and insurance resolution framework in Singapore, key executive persons’ approval regime as well as the governance and disclosure framework for participating life insurance policies. She is also actively involved in supporting MAS’ active participation in International Association of Insurance Supervisors’ key initiatives, such as the global insurance capital standard and the systemic risk assessment work.





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## **Rosaline Chow Koo**

*Founder & CEO*

*CXA Group*

Rosaline worked for 34 years. Frustrated by the lack of technology to address client pain points of escalating costs due to worsening employee health, Rosaline invested all her family's savings of \$5M and borrowed another \$5M to build her start-up, CXA. As the APAC Leader of Mercer Marsh

Benefits, she had grown the 14 APAC countries 800% over 8 years.

Since launching 4 years ago, CXA has acquired Singapore's largest broker, won 550 corporate clients and awards in HR, healthcare, insurance and entrepreneurship. Now CXA is valued at \$100M after raising \$33M to expand across Asia.

Rosaline supervised P&G factory lines in Iowa before working for Bankers Trust in New York. Rosaline launched two tech start-ups in Asia during the dot-com boom, before moving to ACE Insurance to lead alternative distribution channels. Rosaline graduated from UCLA with a Cybernetics degree and received an MBA from Columbia University.



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**Rebecca Ting**  
*Co-Founder & CEO*  
*P9 Productions*

Rebecca has 15 years of experience in the life and health insurance industry with global insurers and reinsurers - covering customer experience, marketing, product innovation and digital innovation. She is also the Founder and CEO of two companies. Xi Shi, celebrating 10 years of establishment, featured in Little LUXE guide, Timeout and SCMP. And P9 Productions, winner of the BNP Paribas Cardiff Innovation Japan Challenge.

**Dr Sonal Bagul**  
*Associate Medical Director*  
*SCOR Global Life SE*

Dr Sonal has over 14 years of experience in (Re)insurance industry. He focuses on key Underwriting & Claims initiatives that include conducting evidence-based research for development of SOLEM (SCOR underwriting manual), client training, product development, complex case referrals and strategic initiatives for underwriting and claims function for the region.



In his last role as Global Medical Officer, he was responsible to develop underwriting manual for one of the largest reinsurers. Sonal has keen interest in insurance medicine and has appeared as an avid speaker at various industry events. His professional journey includes roles as Underwriting Manager and Medical Officer at various geographical locations like Cape Town, Mumbai, Bangalore, Zurich and Singapore. Sonal is a medical graduate from University of Mumbai, India and is member of the American Academy of Insurance Medicine (AAIM) and Academy of Insurance Medicine in Asia (AIMA).



# LIFE INSURANCE CONFERENCE 2018



**Lee Li Hui**

*Product Innovation Manager  
Swiss Re Asia*

Li Hui is a Product Innovation Manager with Swiss Re's Health and Medical Solutions group. Based in Singapore, she drives the execution of future health strategy in Life and Health Insurance across Asia and facilitates ideation and co-innovation of future

ready solutions for today.

Prior to joining Swiss Re, Li Hui led business development, product development and other sales and marketing initiatives across financial services, insurance and pharmaceutical industries. She has also founded and ran a healthcare company for over two years. Other than work, Li Hui is the first Singaporean woman to summit Mt Everest (2009) and ski traverse Greenland from West to East (2013).

**Eng Pingni**

*Consulting Actuary  
Milliman*

Pingni has close to 7 years of consulting experience in the Life Insurance industry and joined Milliman's Singapore office in January 2016. Prior to joining Milliman, Pingni was a senior associate at EY ASEAN Actuarial Services team. In her roles, she has worked on a variety of projects within the ASEAN region such as providing support on Appointed Actuary duties (pricing/valuation/etc), conducting independent reviews on EV reporting/ Statutory reporting/ Par fund management / Capital management / ERM, providing Mergers & Acquisition advisory support etc. She is a Fellow of the Society of Actuaries and certified as a Chartered Enterprise Risk Analyst in 2015.





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## **Shoaib Javed Hussain**

*Consulting Actuary*

*Milliman*

Shoaib is a Consulting Actuary in Milliman's Greater Asia life insurance and financial services practice. Based in Hong Kong, his role combines playing a lead role in defining and driving Milliman's risk and capital management consulting services in Asia including balance sheet optimisation, leading expansion of services into

emerging and frontier markets, and managing various client projects across a variety of areas including M&A and strategy initiatives.

Prior to joining Milliman, Shoaib has nearly 15 years of experience gained in the United Kingdom and Asia. Shoaib has enjoyed successful careers in senior management of global insurance groups and in consultancy in the UK, Europe and Asia, most recently working for Prudential plc. leading Group Risk and Capital management team. A Fellow of the Institute and Faculty of Actuaries (IFoA), Shoaib is also a member of the IFoA's recent working party on assessing procyclicality of capital. Shoaib has presented on finance, risk and capital management topics at various industry events across Europe, U.S. and Asia



# LIFE INSURANCE CONFERENCE 2018



## **Dr Li Xu Chun**

***Deputy Director & Head of Supervisory  
Technology Office, Data Analytics Group  
Monetary Authority of Singapore***

Dr Li is leading the Supervisory Technology (SupTech) office from the Data Analytics Group in MAS. The mandate of SupTech office is to empower MAS with the latest Artificial Intelligence and Data Analytics capability to enhance current supervision and to address blue sky supervision, and also share SupTech knowledge and experience with global regulators and collaborate to shape the technological landscape to support a better global financial supervision. Dr Li's major expertise covers areas such as machine learning, big data analysis, cloud computing, text mining etc. Before joining MAS, he was a scientist at VISA and UBS. He holds a PhD in machine learning.



# LIFE INSURANCE CONFERENCE 2018

## Day One – 16<sup>th</sup> August 2018

Time	Session	Speaker	Company	Topic
0900	Opening by Conference Chair			
0910	1	Tan Suee Chieh	Independent Advisor	Interpreting Contexts; Working in Multiple Paradigms
1000	2	Shong Kay Ying	Reinsurance Group of America	The Voice of Customers (VOC)
1040	Morning Break			
1100	3	Dr David Lu	Swiss Re Asia	Genomic medicine on cancer management - challenges for insurance industry
1140	4	David Wright	Pacific Life Re	Managing the rise of diabetes - are we there yet?
1220	Lunch			
1400	5	Lee Sarkin	Munich Re	De-risking Data Analytics
1440	6	Nick Li	NMG Consulting	The Changing Landscape of Distribution
1520	Afternoon Break			
1540	7	Ervin Jocson	PricewaterhouseCoopers	IFRS17 – A catalyst to takestock and transform Technology, Systems and Data... Tips on where to start.
1620	8	Lee Wai Yi	Monetary Authority of Singapore	"Extending our Borders, Enabling our Industry - Role of the regulator"
1700	Wrap Up			
1830	Cocktail Session, at Roof Garden, Level 5			
1900	Dinner, at Straits Room, Level 4			



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## Day Two – 17<sup>th</sup> August 2018

Time Session Speaker			Company	Topic
0900			Opening	
0910	9	Rosaline Chow	CXA group	Building an effective ecosystem in the Employee Benefit and Healthcare space
0950	10	Rebecca Ting	P9 Productions	Understand Your Customers, Without Stalking Them Online: Gamified "Choose Your Own Adventure" Insurance Propensity Mode
1020			Morning Break	
1050	11	Dr Sonal Bagul	SCOR Global Life SE	The Next Generation Underwriting: All the buzz words put to use!
1130	12	Lee Li Hui	Swiss Re Asia	What's next in health protection?
1210			Lunch	
		Tan Suee Chieh	Independent Advisor	
		Nishit Majmudar	Executive Director and Chief Executive Officer of Aviva Ltd	
1400	Panel	Abhishek Bhatia	Group Chief Officer, New Business Models, & Chief Executive Officer, FWD Insurance	The Future of Insurance
		Jill Hoffman	Chief Operating Officer, Munich Re	
		Dr Khoo Kah Siang	President and CEO, Manulife	
1500			Afternoon Break	
1530	13	Shoaib Javed Hussain & Eng Pingni	Milliman	Enterprise Risk Management: Global best practices and key challenges in Asia
1610	14	Dr Li Xu Chun	Monetary Authority of Singapore	Artificial Intelligence and Data Analytics for the Insurance Industry
1650			Closing	





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## Event Details

Date: 16<sup>th</sup> – 17<sup>th</sup> August 2018

Venue: The Fullerton Hotel, Singapore  
Ballroom Two, Lower Lobby  
1 Fullerton Square  
Singapore 049178

## Registration

Please visit [www.actuaries.org.sg](http://www.actuaries.org.sg) and complete the “Sign Up” details. (Members please login first for member rates.)

## Registration Fees

Category	Early Bird (Registration with payment by 31 July 2018)	Standard (Valid from 1 August 2018 to 15 August 2018)
Fellow	600	700
Associate	600	700
Ordinary	600	700
Affiliate	600	700
Student*	100	100
Non-Member	700	800

\*Student rates are limited to the first 10 student members who sign up. Normal member rate applies thereafter.

Payment of registration fees may be done via PayPal (subject to additional administrative fee of 4.25%), bank transfer, cash or local cheque. Please note that all bank/PayPal administrative and commission charges will be borne by the delegates.



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## **Cancellation policy**

For cancellation via email to [patsy@actuaries.org.sg](mailto:patsy@actuaries.org.sg) made by 10th August 2018, 50% of the registration fee will be refunded (less all bank/PayPal administrative and commission charges). An acknowledgement of the cancellation will be emailed to you. No refund will be made for cancellations thereafter.

The Society reserves the right to cancel the conference if conditions warrant. In the event of such cancellation, registration fees will be refunded in full (less all bank/PayPal administrative and commission charges). The Society shall not be held responsible for airfares, hotel penalties or other outlays that a delegate may incur due to such cancellation.

## **Continuing Professional Development (CPD):**

Full attendance at this conference will count towards 12 hours of CPD.



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## **Financial Training Scheme (FTS):**

This programme is recognised under the Financial Training Scheme (FTS) and is eligible for FTS claims subject to all eligibility criteria being met.

Please note that in no way does this represent an endorsement of the quality of the training provider and programme. Participants are advised to assess the suitability of the programme and its relevance to participants' business activities or job roles.

The FTS is available to eligible entities based on the prevalent funding eligibility, quantum and caps. FTS claims may only be made for recognised programmes within the specified validity period. Please refer to [www.ibf.org.sg](http://www.ibf.org.sg) for more information.



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