

# Programme

## Thursday 30<sup>th</sup> May 2019

Time	Topic	Name	Company
<b>8:30</b>	<b>Registration</b>		
9:00	Introduction and Welcome	Matthew Maguire	SAS
9:30	How AI is transforming Insurance	Karthiikan Selvaraj	Aviva
10:00	Principles of AI Ethics	Colin Priest	Data Robot
10:30	<i>Q&amp;A on Session 1</i>		
<b>10:45</b>	<b>Morning Tea</b>		
11:15	Australian Banking and Financial Services Royal Commission – Learnings for GI Companies in Asia	Verne Baker	KPMG
11:45	Emerging Risk Working Group	Paul Wee	Swiss Re
12:15	<i>Q&amp;A on Session 2</i>		
<b>12:30</b>	<b>Lunch</b>		
14:00	The Future of Telematics	Raymond Cheung	
14:45	<i>Q&amp;A on Session 3</i>		
<b>15:00</b>	<b>Afternoon Tea</b>		
15:30	IFRS17 – Sweating the Small Stuff	Hussain Ahmad & Mehul Dave	
16:15	Pressing Issues – Panel Discussion	Alap, Felicia,	
<b>17:00</b>	<b>Closing and Wrap Up</b>		



SINGAPORE  
ACTUARIAL  
SOCIETY

# 11th General Insurance Conference

30<sup>th</sup> May 2019  
Mandarin Orchard  
Foundation for the future

## Platinum



## Gold



## Silver



## Bronze



## Introducing the Speakers

**Matthew Maguire**



**Matthew** is an Actuary with Pineapple Advisors, based in Singapore since May 2008 and the Immediate Past President of the Singapore Actuarial Society. Matthew has over 25 years working in general insurance in Australia, the United Kingdom, Hong Kong, Singapore, Malaysia, Sri Lanka, Thailand, Philippines and Indonesia.

Matthew's prior experience includes: Personal lines insurance pricing and reserving, Non-Life reinsurance structuring and pricing, London market insurance business pricing and reserving, Operational risk modelling for banks, Internal Risk Based Capital model development and implementation, Business planning and forecasting, Company valuation and pricing.

**Karthikan Selvaraj**



**Karthikan** is a Data Scientist at Aviva Asia. He works across the Asian regional markets to ideate, design and develop AI-powered solutions to create value across the insurance value chain.

Karthikan was also formerly a Data Science consultant at PwC, where he used AI to move the needle in his clients' businesses across the freight, mining, commodity trading and automobile industries.

An active member of the SAS Data Analytics Committee, Karthikan regularly teaches Machine Learning to Actuaries and seeks to propagate the use of AI among the Actuarial community.

**Colin Priest**



**Colin** is the Sr. Director of Product Marketing for DataRobot, where he advises businesses on how to build business cases and successfully manage data science projects. Colin has held a number of CEO and general management roles where he has championed data science initiatives in financial services, healthcare, security, oil and gas, government and marketing.

Colin is a firm believer in data-based decision making and applying automation to improve customer experience. Colin is a Fellow of the Institute of Actuaries of Australia and has worked in a wide range of actuarial and insurance roles, including board membership, Appointed Actuary, pricing, reserving, risk management, product design, underwriting, reinsurance, relationship management, and marketing.

He is passionate about the science of healthcare and does pro bono work to support cancer research.

**Paul Wee**



**Paul** is a Corporate Actuary with Swiss Re, where he is in charge of the reserving and reporting for the Swiss Re Asia Limited entity. Paul has 16 years general insurance actuarial experience in reserving, treaty pricing, and risk management across regional reinsurance roles. He was recently working as a risk manager in a direct insurer in Malaysia, overseeing underwriting and insurance risk, conducting reinsurance optimization and captive feasibility studies.

Paul is a Fellow of the Institute & Faculty of Actuaries UK, and is a volunteer with the IFoA's General Insurance Asia Working Group, and the SAS Emerging Risk Working Group.

**Raymond Cheung**



**Raymond** brings over 18 years of experience in fintech business strategy, actuarial & capital modeling, product development, merger & acquisition, credit ratings, fund management, as well as risk and compliance advisory.

Raymond is currently an independent director for a SGX-listed entity and also a director of a MAS-regulated remittance company. He is also the risk and strategy advisor to several insurtech companies in Singapore, Hong Kong, Malaysia, Indonesia and Myanmar. Beginning 2019, he works in a digital platform to offer packaged micro-loan and insurance products to public servants in Asia.

Raymond is the Chairman of ERM Committee and Chairman of Risk-Based Capital 2 (RBC2) Taskforce with the Singapore Actuarial Society. He is an Associate member of the Institute & Faculties of Actuaries, UK and Associate of Singapore Actuarial Society.

**Verne Baker**



**Verne** is the Head of Asia Markets General Insurance Actuarial for KPMG in Sydney. He has over 25 years of experience in the general insurance and reinsurance industry and has worked in many overseas countries as well as Australia. Prior to joining KPMG in Sydney he was the Partner in Charge for General Insurance Actuarial Services at Deloitte in Hong Kong.

Verne was based in Asia between 2001 and 2013 and still maintains close relationships with clients based across Asia. He is the Appointed Actuary in Australia for the branch of a multinational insurer and performs equivalent roles in Singapore, Hong Kong and Labuan for this Company. He is the outsourced Chief Risk Officer for Lawcover Insurance Pty Limited.

Verne is a member of the Institute of Actuaries Risk Management Practice Committee.

**Mehul Dave**



**Mehul** is a Director based in Deloitte Singapore and leads the actuarial team for South East Asia.

Mehul brings over 12 years' of experience in all aspects of actuarial work including IBNR and reserve valuation, IFRS 17 consulting, insurance risk consulting, Stress Testing and M&A valuation and due diligence work carried out in Europe and Asia.

In addition, Mehul leads Singapore Centre of Excellence work-stream for the Exponential Professional, a unique partnership between Deloitte and the Economic Development Board of Singapore.

**Hussain Ahmad**



**Hussain** has experience across various parts of the insurance value chain having worked in four countries and held regional roles. Most recently, he was responsible for internal and external aspects of post-placement client engagement across Asia Pacific for Swiss Re, overseeing the exchange of over \$3 billion in annual cash flow, with focus on improving efficiency via outsourcing and automation. Hussain's prior experience has been dominated by M&A due diligence and valuations across both Life and P&C sectors, as well as providing solutions related to capital management. He has also been the Certifying/ Appointed Actuary for several entities across Asia, Middle East and Bermuda.

Hussain is a Fellow of the Singapore Actuarial Society and a Fellow of the Casualty Actuarial Society. He holds a Master's degree in Financial Engineering and a Bachelor's degree in Actuarial Science.