

# The SOA Asia-Pacific Annual Symposium

## Presenter and Moderator Biographies

### Presenters

#### Welcome Remarks



**Alan Lin, FSA, FAICT**

*Director*

*The Actuarial Institute of Chinese Taipei*

Alan has 20 years actuarial experience specializing in product development, GMXB option valuation, asset liability management, and risk management.

Alan serves as an organizing committee member of 2021 APAC symposium. He is also the director of the AICT and an active volunteer for several AICT committees. He is currently taking a career break. Prior to his career break, he was the appointed actuary and the head of product development department and valuation department for life insurance companies in Taiwan.



**Roy Goldman, Ph.D., FSA, MAAA, CERA**

*President*

*Society of Actuaries*

Based in Jacksonville Beach, Fla., Roy Goldman is retired, though remains quite active in the actuarial profession. He previously served as VP and Chief Actuary of Humana and as CFO and Chief Actuary for Geisinger Insurance Operations, Mercy Health Plans, and Prudential's Group and Healthcare Business Unit. Goldman served on the Health Advisory Panel for the Congressional Budget Office, helped start the Health Care Cost Institute, and has been active in actuarial research and health policy.

Goldman is a long-time SOA volunteer on education and exams and a past SOA Board member. He is also currently a Board Trustee for The Actuarial Foundation, where he is the sponsor and developer of The Modeling the Future Challenge.



**Jong-Ming (Jeremy) Kan, FAICT**

*President*

*Actuarial Institute of Chinese Taipei*

President Jeremy is currently the President of Taiwan Insurance Institute and has been working in the insurance related field about 33 years. He had been playing a role in the AICT Board of Directors for more than 16 years, and served as AICT Vice President from 2017-2019. Jeremy has been elected as AICT President since 2019.

His work experience included the President of Tokio Marine Nawa Insurance Company, and had been playing a role of Product System - Senior Vice President / Chief Auditor, Vice President/Actuary of Taiwan Insurance Institute and CMO / Appointed Actuary of Allianz President General Insurance Company. Jeremy is a Fellow of Actuarial Institute of Chinese Taipei (AICT). He obtained his Master of Science in Mathematics from the Fu-Jen Catholic University.

## Closing Remarks



### **Andrew Peterson, FSA, EA, MAAA, FCA**

*Senior Director – International*

*Society of Actuaries*

Andrew Peterson is the Senior Director - International at the Society of Actuaries (SOA) working to implement the SOA's mission of advancing actuaries as leaders in measuring and managing risk on a global basis. In that capacity he oversees the SOA's activities outside of North America in advancing the actuarial profession through education and research. Andy works with the Board to establish the SOA's international strategy and oversees the work of members and staff around the world in implementing that strategy. Prior to taking on this role in mid-2018, Andy served as the Senior Staff Fellow for Retirement where he worked with SOA members to develop and support better retirement systems. Andy received a BS degree in mathematics from Taylor University in 1992. He is a Fellow of the Society of Actuaries, an Enrolled Actuary, a Member of the American Academy of Actuaries, and a Fellow of the Conference of Consulting Actuaries. He is also a member of the National Academy of Social Insurance.

## Keynote Speech 1 – Future of Insurance

### **Angat Sandhu**

*Partner*

*Oliver Wyman*

Angat Sandhu is a Partner at Oliver Wyman and leads their Asia Pacific Insurance practice. He has worked with leading global and local insurers in the region supporting strategy and operating model development and a range of digital and data analytics initiatives.

## Keynote Speech 2 – Prolonged Low Interest Environment for Asia Insurers

### **Tze Ping Chng, FSA, MAAA**

*Asia Pacific Insurance Consulting Leader*

*EY*

Tze Ping Chng is the Asia Pacific Insurance Consulting leader of EY. He is a seasoned consultant with strong business acumen in advising insurers and delivering large scale enterprise-wide initiatives across the region. Tze has served many of the largest insurers in the world in the last 20 years. In recent years, he has also assisted new entrants including private equity firms and non-financial services companies into the insurance industry. He is a fellow of the Society of Actuaries and a member of the American Academy of Actuaries.

## Session 1 - The Impact of IFRS 17 and Insights into Implementation

### **Ophelia Au Young, FSA**

*Actuarial Partner*

*Deloitte*

Ophelia is a Partner of Deloitte's Life Insurance Practice. She has more than 19 years of experience in life insurance. She has worked with clients solving a range of business problems ranging from IFRS 17 implementation, M&A, Embedded Value, Appointed Actuary Reporting, actuarial modelling and operating model design. She served as the Chief Actuary of AIA Taiwan prior to re-joining Deloitte Actuarial where she took charge of product and sales campaign pricing and financial reporting.

**Martin Zhao, ASA**

*Associate Director, Actuarial Services*

*KPMG*

Martin Zhao is a life actuarial consultant with KPMG Hong Kong. Martin leads the actuarial modeling team in HK and has over 10 years' experience in actuarial model transformation, with a focus on stochastic and dynamic modelling. Most recently, Martin has led and successfully delivered several modeling projects for IFRS 17 in the region. He has also led the rolling-out of a spreadsheet based stochastic and dynamic valuation model for life insurers that can fully replicate production model with high efficiency, with which, insurers can boost the transformation process.

**Session 2A - Mythbusters IFRS 17: Perception Versus Reality**

**Nurul Syuhada Nurazmi, FCAS**

*Partner*

*Actuarial Partners Consulting*

Syuhada is a Partner at Actuarial Partners Consulting, leading the General Insurance & Takaful consulting practice. She is among the first in Malaysia to qualify as a Fellow of Casualty Actuarial Society (FCAS).

Her expertise in general (re)insurance and (re)takaful ranges from Appointed Actuary and Pricing Actuary roles in valuation and pricing respectively, to due diligence work on M&A as well as a feasibility study on set-up of takaful operations. She has also conducted independent assessments of ICAAP and ITCL and has provided independent reviews on reserves adequacy and valuation processes. On IFRS17, her work involves cash flow modelling and financial impact study, as well as conducting training and workshop on IFRS17.

**Hassan Scott Odierno, FSA**

*Partner*

*Actuarial Partners Consulting*

Hassan Scott Odierno has been a partner with Actuarial Partners Consulting in Malaysia and involved in insurance consulting since 1996. He is currently active in IFRS17 projects in countries such as Malaysia, Sri Lanka and Saudi Arabia. He has been appointed actuary for a number of insurers and Takaful operators in Malaysia as well as Labuan, Brunei, Hong Kong, Sri Lanka, Nepal, Myanmar, Cambodia, Mauritius, Kenya, Uganda, Tanzania and Burundi.

He is a co-author of the World Bank book Takaful and Mutual Insurance, co-author of the book Essential Guide to Takaful and a contributing author to the books Actuaries in Microinsurance and Health Insurance in Asia. He has also been the external advisor to two universities in Malaysia to their risk management and actuarial science programs. Hassan is a Fellow of the Society of Actuaries, and has a Bachelor of Science degree with high distinction in Mathematics from Worcester Polytechnic Institute in the USA. In his spare time, he helps to run a food bank in Negeri Sembilan Malaysia utilizing actuarial skills to help the needy.

## Session 2B - Augmenting Underwriting and Claims With AI

### **Lee Sarkin**

*Chief Analytics Officer APAC, Middle East, Africa  
Munich Re*

Lee has over 15 years of experience in actuarial, AI / data analytics, research and consulting roles at primary insurers, reinsurers and independent consulting. Lee is responsible for AI-analytics for the Asia-Pacific, Middle East and Africa life and health business of Munich Re. Lee's team has multiple projects across the region that are creating tangible value for insurers through AI and predictive analytics which integrate Munich Re's AI expertise with its domain knowledge and technologies into AI and digital solutions. Specialist skills include AI and predictive analytics, actuarial pricing, epidemiological and demographic modelling, analysis of medical scheme cohort data and healthcare intervention cost-effectiveness. His Master's degree, presented at the 2014 International Congress of Actuaries in Washington D.C., provided many South African insurers with the first credible South African research for underwriting HIV and applied advanced analytics methods to medical scheme and managed care data. Lee is now completing PhD in AI and advanced analytics, is a member of the Institute and Faculty of Actuaries and the Actuarial Society of South African where he chairs its Demography & Epidemiology committee.

## Session 3B - Actuary2.0 - Actuaries and Digital Insurance in The Real World

### **Bob Charles, FIA**

*Head of Actuarial and Advisory  
Coherent*

Bob brings industry-leading actuarial and consulting expertise to Coherent's product suite and client engagements. His team supports the seamless integration of our products into client systems. Bob's career started as a fresh-faced actuarial trainee in Willis Towers Watson, leading engagements with some of the largest clients across many Asian markets. He left as the Head of the Asia Pacific region. Bob then embarked on the start-up life at CXA Group, building the Hong Kong business of one of Asia's most prominent healthtech companies. Throughout his career, Bob has never lost his enthusiasm for growing teams and businesses. Most of all, Bob is passionate about building trusted relationships with clients to help them do the same.

**Allan Wong, FSA**

*Director - Actuarial Modeling*

*Coheren*

Allan plays dual roles as the Product Manager for Spark, Coherent's proprietary rules engine, and as a senior member of the Actuarial team leading client and R&D projects. With an insatiable curiosity and collaborative mindset Allan is focused on helping Coherent's product managers find innovative and practical ways to use our ever-evolving technological capability. Over a decade of experience in core actuarial functions at Transamerica, where he began his career, provided a foundational understanding of the unique position and potential of insurance. In his last role with the firm he led the Life Model Development team in a multi-year Transformation project involving System Conversion, Governance, and Process Automation. Returning home to Hong Kong, Allan joined RGA Asia Regional for a crash course in Critical Illness pricing and Product Development before a chance product demo brought him to Coherent. Allan combines a strong grasp of actuarial fundamentals with a drive to try new things that helps Coherent navigate the realities of the industry with a foot firmly on the accelerator. He believes insurance is a noble profession, centered in protecting lives and legacies, and is passionate about expanding access to quality coverage through technology.

**Session 4A - How Do I Know My IFRS 17 Numbers Are Calculated Correctly?**

**Ka Hei Choi**

*Partner*

*Deloitte*

Choi Ka Hei is a Partner of Deloitte Actuarial Practice based in Hong Kong. He joined the firm in 2007 and has spent 5+ years working overseas covering the US, UK and European markets. His actuarial specialism also includes complex actuarial modelling, business planning & projections, and asset-liability modelling. Ka Hei is a specialist of finance transformation. He has extensive experience on transforming enterprise finance system to adapt regulatory changes such as Solvency II and IFRS 17. He has been the actuarial lead of multiple global finance transformation programmer, ranging from global actuarial system modernization to UK with-profits fund E2E system & process reform.

**Session 4B -The Rise of Digital Life Insurers: Are They Able to Crack the Market?**

**Michael Chan, FSA**

*Co-Founder & Co-CEO*

*Bowtie Life Insurance*

Michael is the Co-Founder & Co-CEO of Bowtie Life Insurance Company, a mission-driven life and health insurer headquartered out of Hong Kong. He is a firm believer in the power of technology to simplify the insurance experience, making insurance transparent and truly customer-centric. Michael has over 10 years of experience working in insurance, reinsurance, and investment banking. Michael is a Fellow of the Society of Actuaries (FSA), a member of the Actuarial Society of Hong Kong (ASHK) and a Certified Financial Planner (CFP) professional.

## Session 5A - IFRS 17 Financial Reinsurance Structuring (TBC)

**Boon Yoon Ho, FSA, CERA, FCIA**

*Regional Director, Structured Solutions*

*Asia Pacific, Middle East and Africa (Life & Health)*

*Munich Re*

Boon is Regional Director, Structured Solutions for Munich Re Life Asia Pacific, Middle East and Africa (Life), based in the Singapore office. He is responsible for the Structured Solutions business in Hong Kong and Japan markets. Prior to joining Munich Re in Singapore, he was a Director with Munich Re Life Canada, having worked in Individual Reinsurance Pricing Management, North America (Life) Integrated Risk Management, and Strategic Planning functions since 2010. During that period, he also spent a few months in Zurich, with a subsidiary of Munich Re Group, working with Actuarial Risk Management and Global Financial Risk Solution team. Boon graduated with Bachelor Honors in Mathematics from the University of Waterloo, Canada. He is a Fellow of the Society of Actuaries, a Fellow of Canadian Institute of Actuaries, and CERA charter holder.

**Joseph Kim, FSA, CFA, CERA, FCIA, FIAK**

*Head of IFRS17, APAC Lead*

*SCOR*

Joseph is the Head of IFRS17 APAC based in Singapore office of SCOR. He is currently leading the Asia-Pacific part of SCOR's global IFRS 17 implementations for the Life business. Prior to joining SCOR, he was a consulting actuary in Milliman's Seoul office working with clients in adopting advanced actuarial methodologies and emerging regulatory framework in their pricing and valuation processes. He was a lead consultant in many IFRS 17 projects from the early phase since 2013. He was also the product manager of the next-generational actuarial software which he led the entire product development process from the initial design phase and deployed to several large insurance companies as the core part of their IFRS 17 implementation. Joseph has very diversified experience from assumption development, valuation and ALM to economic capital modeling with a direct insurer, reinsurer, and consulting firm in Canada, United States, and Korea. Joseph graduated with the highest honors in Mathematics from the University of Waterloo in Canada. He is a fellow of the Society of Actuaries, the Canadian Institute of Actuaries, and Institute of Actuaries of Korea. He is also a CFA and CERA charter holder.

## Session 5B - Actuaries Joining Forces with Data Scientists to Achieve Analytical Excellence

**Jacky Ng, ASA, AIAA, CERA**

*Chapter Lead Data Science APAC, VP*

*Swiss Re*

Jacky Ng is an actuary turned data scientist, he is currently with Swiss Re's Advanced Analytics Centre of Expertise as the Data Science Chapter Lead for the APAC region. Jacky previously led Swiss Re's Life & Health Actuarial Asia regional valuation and modelling teams. Prior to Swiss Re, Jacky was an actuarial consultant with extensive working experience across APAC including Australia, Japan, South Korea and Hong Kong. Jacky is an associate member of the Institute of Actuaries of Australia (AIAA) and Society of Actuaries (ASA) and is also a Chartered Enterprise Risk Analyst (CERA). He holds a double degree of Actuarial Studies and Computer Science from Macquarie University, Sydney.

**Fiona Tang, FSA**

*Corporate Actuary, AVP, P&C Reserving*

*Swiss Re*

Fiona Tang is a P&C reserving actuary, currently with Swiss Re Asia as the Corporate Actuary of Hong Kong branch. Prior to Swiss Re, she was an actuarial consultant with experience in P&C valuation, L&H pricing and ERM. Fiona is a fellow member of the Society of Actuaries (FSA) and a committee member of the Greater Asia Committee of the SOA.

**Session 6C - Life and Health Industry Remade by COVID-19 - Hong Kong**

**Albert Chu, FSA**

*Chief Product Actuary*

*AIA Hong Kong & Macau*

Albert Chu, FSA, is the Chief Product Actuary of AIA Hong Kong and Macau. He has 16 years of experience mainly on product pricing. Albert was a member of the Health Committee of Actuarial Society of Hong Kong (ASHK) and had contributed towards the Voluntary Health Insurance Scheme consultation through the ASHK Response paper in 2015.

**Session 6D - Global Emerging Risks**

**Dale Hall, FSA, CERA, CFA, MAAA**

*Managing Director of Research*

*Society of Actuaries*

R. Dale Hall, FSA, MAAA, CERA, CFA is Managing Director of Research for the Society of Actuaries (SOA). In his role, Dale coordinates the SOA's strategic research partnerships, oversees SOA experience studies, coordinates research across the SOA's wide variety of actuarial practice areas and markets and directs the SOA's data-driven in-house research initiatives. He is a frequent speaker at insurance and retirement industry meetings to highlight SOA research, including presentations to the NAIC and congressional committee testimony on pension plan mortality rates. He has appeared on behalf of the SOA in a variety of media outlets including National Public Radio, C-SPAN and National Geographic's BREAKTHROUGH series, and hosts the SOA's Research Insights Podcast. Prior to joining the SOA in 2013, Dale spent over 20 years in the US insurance industry, primarily as Chief Actuary for the Life/Health companies of COUNTRY Financial. While at COUNTRY, he was active in industry committees and was an adjunct professor in the actuarial science program at Illinois State University.

**Session 7C - COVID-19 Pandemic - A Stumbling Block or Catalyst to Insurance Product Development?**

**Kay Ying Shong, FSA, CERA, FSAS**

TBC

## Session 7D - Managing Credit Assets in a Low Interest Rate Environment

### **Brett Manning**

*Director, Research*

*Moody's Analytics*

Brett is a Director in the Research group focused on integrating credit and market risk modeling. He is responsible for research combining granular credit modeling with market risk projections and using these models to inform risk management and asset allocation. Brett's previous work included building and calibrating interest rate models in low/negative rate environments for both real world and market consistent applications. Brett holds a BSc in Physics with Theoretical Physics from Imperial College London along with an MSc in Finance and a PhD in Macro Economics and Econometrics from Durham University.

### **Tomer Yahalom**

*Senior Director, Research*

*Moody's Analytics*

Tomer is a Senior Director in the Research and Modeling Group. He heads the Insurance Research Team - Americas, supporting research efforts for risk management solutions for insurance companies, pensions funds and asset managers with a focus on the Americas. Most recently Tomer's team has been focused on a Risk Integrated Credit Solution (RICS) for insurers, pension funds and asset managers, macro variables simulations, and risk integration

across Market and Credit risks/platforms. Prior to focusing on the insurance sector Tomer has worked on portfolio- and balance sheet-related research. He has initiated and led several research initiatives such as the modeling of complex instruments (e.g., structured products and leases) in a portfolio setting, and PPNR modeling and validation for stress testing. He also headed Moody's Research Services team, which focused on quantitative client service engagements. Tomer holds a PhD in Operations, Information & Technology from Stanford University, an M.S. in Statistics from Stanford University, and a B.Sc. in Industrial Engineering and Management from

Technion - Israel Institute of Technology. He has published in the areas of queuing theory and mechanism design.



## Session 8C - Post-Retirement Product Design & Development

### **Calvin Chiu, FSA**

*Senior Managing Director and Head of Asia Retirement  
Manulife*

Mr. Calvin Chiu is currently Senior Managing Director and Head of Asia Retirement of Manulife. He is responsible for Manulife's pension business in Hong Kong, Indonesia and Malaysia, business development and expansion strategy across the Asia region, as well as providing pension related subject matter expert support to each of the markets in Asia. Prior to this role, Calvin was Vice President, Executive Compensation, responsible for executive compensation, compensation programs for Manulife's Investment Segment, global mobility total rewards strategies, and HR M&A due diligence. Calvin joined Manulife in September 2010 as Vice President, Global Pensions and Benefits. In that role, he had oversight of all the pension and benefits plans for Manulife's employees, agents, and retirees globally. Prior to joining Manulife, Calvin was the Senior Director of Global Pensions at Canadian Imperial Bank of Commerce from 2007 to 2010. From 1999 to 2007, Calvin was a consultant with Towers Watson in the US retirement business and subsequently the international consulting group. Calvin holds a Bachelor of Math in Actuarial Science degree from the University of Waterloo, Ontario, Canada. He is a Fellow of the Society of Actuaries.

### **Elvin Tharm, FSA**

*Managing Director and Asia Retirement Strategy and Business Development  
Manulife Asset Management*

Mr. Elvin Tharm is currently Managing Director and Asia Retirement Strategy and Business Development of Manulife Asset Management. He is responsible for the development and execution of strategy for Manulife's retirement business in each of the markets in Asia, along with business development activities in China, Indonesia and Malaysia. Prior to joining Manulife, Elvin was the Head of Business Development and Client Relationship for Mercer Hong Kong's Wealth business. He was responsible for bringing together pensions and investment solutions for institutional clients and asset owners across pension funds, insurance companies and endowment funds in Hong Kong, Macau and Taiwan, as well as for wealth management intermediaries across banks, private banks, investment-linked insurance and investment funds platforms across Hong Kong and Singapore. Prior to joining Mercer, Elvin held several positions with Principal Financial Group in Hong Kong, including Chief Operating Officer, Director of Finance and Actuarial, and Director of Risk Management, covering the Hong Kong pension business (MPF and ORSO) and Principal's joint venture asset management businesses across Asia including CCB-Principal in China and CIMB Principal in Malaysia. Before that, Elvin was a consultant with Towers Watson in Los Angeles, California and subsequently in China covering Shanghai, Beijing, Shenzhen and Guangzhou.

## Session 8D - Life Insurance Capital Regimes in Asia: Recent Developments and Outlook

### **Clement Bonnet**

*Principal*

*Milliman*

Clement Bonnet is a Principal in Milliman's Asia life consulting business, based in Hong Kong. Before joining Milliman in Hong Kong, Clement played a critical role in the expansion of the Paris office's R&D activities, working across a wide range of technical topics. Since moving to Asia, Clement has been managing numerous M&A and strategy projects performing work in various markets including Hong Kong, Thailand, Philippines, Vietnam, Indonesia, India and China. His more technical consulting projects include providing support in pricing more complex products, developing stochastic models, developing Asset Liability Management (ALM) models, designing strategic asset allocation frameworks, designing risk management frameworks (including risk appetite frameworks). He is also co-leading Milliman IFRS 17 activity across the region.

### **Scott Chow, FSA, CERA, FRM**

*Consulting Actuary*

*Milliman*

Scott Chow is a Consulting Actuary in Milliman's Asia life consulting business, based in Hong Kong. Scott is a seasoned consultant with broad experience in different actuarial topics including but not limited to merger and acquisition, product development and pricing, product and distribution strategy, supporting appointed / independent actuary and risk-based capital related products. He has advised companies in different parts of Asia. He currently leads two working groups focusing on the developing Hong Kong Risk Based Capital framework and InsurTech respectively to enhance Milliman's service offerings in the region, and he is a frequent speaker in actuarial conferences on these two topics.

## Session 9C - Microinsurance: The Pioneer Life Inc. Experience

### **Rodirick Takiang, ASA, FASP**

*Chief Actuary and Product Management Head – Individual Life Products*

*Pioneer Life Inc.*

Fellow, Actuarial Society of the Philippines; Associate, Society of Actuaries; Master's in Business Administration, Ateneo Graduate School of Business; 15 years in the actuarial field.

## Session 9D - Conduct Risk Developments Impacting Asan Insurers

### **Jens Kessler**

*Director, Risk Advisory*

*KPMG China*

At KPMG Jens spearheads the delivery of internal audit services for clients in the insurance sector. Amongst others, he currently leads the outsourced Internal Audit Quality Assurance function at one of Asia's largest independently listed life insurance companies covering the breath of assurance activities undertaken by the internal audit function globally. As an Audit and Financial services executive with over 25 years' experience, he has worked in leading audit roles across asset management, banking and insurance. Over the past decade, Jens has been building and managing high performing audit teams in Asia for Allianz Global Investors, Allianz Insurance and QBE Insurance. Jens has extensive working experience in countries across Asia Pacific and was instrumental in closely aligning internal audit governance to business objectives to achieve added value for the organization whilst ensuring efficient delivery of independent assurance to the Board. Under his leadership, Internal Audit teams achieved increasing traction in control improvements across diverse business processes and organizations through flexing planned assurance delivery and implementing leading audit methodology. Jens regularly engaged with key regulators, including Singapore MAS, Hong Kong IA and Malaysia's Bank Negara and is a regular speaker at the Hong Kong Chapter of the Institute of Internal Auditors.

## Session 10C - Post-Pandemic: Where to From Here? An Exploration of Living Benefits, Digitalization and Partnership

### **Bryce Shepherd, FIA**

*Head of Strategy*

*PartnerRe*

Bryce leads PartnerRe's Asia-Pacific Strategy and is involved in various business development initiatives and client solutions. His background is in Actuarial (Pricing and Product) and has experience covering multiple international markets including Australia, the United Kingdom, Ireland and now Asia. His interests are in developing digitally driven propositions and solutions. Bryce holds a Master's in Business Management (Innovation & Leadership), a Bachelor of Science degree with honours (majoring in Bioinformatics) and he is a qualified Actuary (FIA).

## Session 10D - Operational Risk: Lessons Learned in the Corporate Sector

### **James Wong**

*Partner - Strategic Risk Consulting*

*Willis Towers Watson*

James has 20 years' experience with professional accounting and risk management firms. Since joining Willis Towers Watson in 2017, James has led over 70 risk consultancy projects including risk assessment, risk quantification and program optimization. In his prior roles, he led service teams providing analytical, captive insurance management, and insurance broking services for large and multinational accounts originated from Hong Kong and Australia. During his career, James has collaborated with specialty subject matter experts to optimize clients' Cost of Risk and to utilize data to provide risk management insights.

## Session 11 - The Evolution of InsurTech in Asia

### **Alex Leung, FSA**

*Co-founder*

*OneDegree*

Alex is the co-founder of OneDegree, a fast growing insurtech company with presence across Asia and a virtual insurer in Hong Kong. Previously, he served in leadership roles at a number of insurtech startups in the US and Asia. Additionally, he had been a consultant with the World Bank and Deloitte Consulting in the US. Alex is the vice-chair of the International Actuarial Association Health Section and a fellow of the Society of Actuaries. He has an MBA from UC Berkeley and a bachelor's degree in Mathematics from UCLA.

### **George Kesselman**

*Head of Commercial*

*ZA Tech*

George is a recognized InsurTech leader in Asia. After a successful insurance career, George left corporate to build InsurTech Asia Association and his own startup Anapi. He currently leads commercial for ZA Tech, the technology business created by the global leader in online insurance, ZhongAn Online, backed by visionary investor Softbank. George is the founding member of Asia Fintech Center and a regular speaker at leading events. His views are regularly featured across global publications, including Asia Insurance Review, Insurance Thought leadership, AM Best, APAC CIO Magazine, Fintech News, and TechInAsia. George contributed as a co-author of "The InsurTECH Book," published by John Wiley & Sons in 2018.

## Session 12 - Whether Through Turmoil - Application of Economic Capital Model

### **Gavin R. Maistry, FSA, CERA, FSAS**

*Regional Chief Risk Officer & Chief Actuary*

*Munich Re*

Gavin R. Maistry is the Regional Chief Risk Officer (CRO) & Chief Actuary and for Munich Re's Life and Health business in Asia Pacific, Middle-East and Africa. He also assumes a Regional CRO role for the Non-Life business in India; SEA; Japan & Korea. He has been with Munich Re for over 13 years. Currently, he is over-seeing an expanding team of professionals and actuaries who are involved in insurance product developments, pricing & underwriting, risk modelling, valuation & portfolio management, experience studies, and claims.

Gavin's insurance career started at direct company Old Mutual in South Africa, where he worked in various actuarial product development, investment and pricing roles. Prior to Munich Re, Gavin has worked as a Corporate Actuary and Regional Pricing Actuary for Swiss Re in Zurich for close to 8 years. He also had held earlier Client Management roles for Partner Re's Life business in United Kingdom, Israel and South Africa.

Gavin holds the Fellow of the Society of Actuaries (FSA) and Chartered Enterprise Risk Analyst (CERA) designations from the US Society of Actuaries. In addition, he is a Fellow of the Singapore Actuarial Society (SFAS) where he earlier chaired the Education Committee. Gavin is also a CFA Charterholder and holds a PhD from the Singapore Management University and undergraduate degrees from the University of Cape Town and University of KwaZulu-Natal in South Africa.

Gavin now holds Singapore citizenship and is based in Singapore.

## Session 12 - Whether Through Turmoil - Application of Economic Capital Model

**Tushar Chatterjee**

*Head Enterprise Risk Management Asia*

*Swiss Re*

TBC

### Moderator



**Vicki Chang, FSA, FAICT**

*Head of SCOR SE Taipei*

*Adjunct Assistant Professor at Soochow University*

Vicki Chang is currently the Head of SCOR SE Taipei office and an Adjunct Assistant Professor at Soochow University in Taipei.

Vicki has more than 20 years of experience in the fields of life insurance and reinsurance in both U.S. and Taiwan. Prior to joining SCOR in 2017, Vicki was the Director at Milliman's Taipei office where she supported local and multinational insurance companies in the area of actuarial due diligence, EV, product development, and AA reporting.

Vicki holds a master's degree in Actuarial Science from Georgia State University, USA. She is a Fellow of the Society of Actuaries (FSA), and a Fellow of the Actuarial Institute of Chinese Taipei (FAICT).

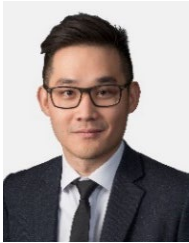


**Yudhistira Dharmawata, FSA, CFA, FRM**

*Chief of Proposition, Direct Marketing, and Partnership*

*AXA Financial Indonesia*

CFA Charterholder since 2018; Chief of Proposition, Direct Marketing and Partnership for AXA Financial Indonesia, responsible for insurance product development, strategy, and pricing and distribution through digital & telemarketing.



**Boon Yoon Ho, FSA, CERA, FCIA**

*Regional Director, Structured Solutions*

*Asia Pacific, Middle East and Africa (Life & Health)*

*Munich Re*

Boon is Regional Director, Structured Solutions for Munich Re Life Asia Pacific, Middle East and Africa (Life), based in the Singapore office. He is responsible for the Structured Solutions business in Hong Kong and Japan markets. Prior to joining Munich Re in Singapore, he was a Director with Munich Re Life Canada, having worked in Individual Reinsurance Pricing Management, North America (Life) Integrated Risk Management, and Strategic Planning functions since 2010. During that period, he also spent a few months in Zurich, with a subsidiary of Munich Re Group, working with Actuarial Risk Management and Global Financial Risk Solution team. Boon graduated with Bachelor Honors in Mathematics from the University of Waterloo, Canada. He is a Fellow of the Society of Actuaries, a Fellow of Canadian Institute of Actuaries, and CERA charter holder.



**Alan Lin, FSA, FAICT**

*Director*

*The Actuarial Institute of Chinese Taipei*

Alan has 20 years actuarial experience specializing in product development, GMXB option valuation, asset liability management, and risk management.

Alan serves as an organizing committee member of 2021 APAC symposium. He is also the director of the AICT and an active volunteer for several AICT committees. He is currently taking a career break. Prior to his career break, he was the appointed actuary and the head of product development department and valuation department for life insurance companies in Taiwan.



**Questor Ng, FSA, FRM**

*Chief Risk Officer*

*FWD Hong Kong and Macau*

Questor Ng is FWD's Chief Risk Officer of Hong Kong and Macau. He is responsible for financial risk, non-financial risk management and Compliance.

As a second line of defense, Mr. Ng provides an independent appraisal on strategic risk, capital risk, investment risk, insurance risk and operational risk of the company. He also supports the CEO to make sound business decisions, as well as the board in its risk management duties.

Mr. Ng has 29 years' experience in life insurance. He has been mainly based in Hong Kong and Singapore, primarily focusing on the Hong Kong, Singapore, Malaysia, South Korea, Japan and Taiwan markets. Mr. Ng had also previously held several senior executive roles, including as a Chief Actuary for a Singapore largest insurance company, a Director for 3rd line of defense of an international insurance company's Asia Pacific Regional business, as well as a Chief Financial Officer of a composite insurance company in Hong Kong.

Mr. Ng is a fellow member of the Society of Actuaries ("FSA"), and a Financial Risk Manager of Global Association of Risk Professionals ("FRM").



**Stuart Tang, FSA, CERA**

*Director, Life & Health*

*Willis Towers Watson*

TBC



**Sam Yeung FSA**

*Associate Director*

*AIA International Limited*

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