

FULL PROGRAM

ASHK INNOVATION CONFERENCE 2022

30-31.8.2022
VIRTUAL

www.actuaries.org.hk

ACT. INNOVATE. CREATE.



OVERVIEW

ASHK Actuarial Innovation Committee is proud to introduce the 2nd **ASHK Innovation Conference**, to be held virtually on 30 and 31 August 2022 (Tuesday and Wednesday) morning.

Technology innovation continues to evolve the role of actuaries. The Conference aims to help actuaries stay abreast of such development. By promoting actuarial innovations and actionable insights, this help actuaries create better solutions which then the public can benefit as end users. We are honoured to gather key actuarial innovation experts and industry practitioners who have both local and Asia Pacific focus to speak to our Conference theme of 'Act, Innovate, Create'. The Conference agenda will cover the hottest topics and latest trends of actuarial Innovation including, but not limited to, the future development of InsurTech, blockchain and digital transformation.

Our target audience are local actuaries, insurance executives and actuaries around Asia Pacific. This Conference will be a great opportunity for the audience to connect to the region's InsurTech and innovation developments.

Conference Organising Committee

Ms. Nora Li - Chairperson
Mr. Sean Deehan

Mr. Jonathan Cheung
Ms. Iris Lun

Mr. Scott Chow
Mr. Thomas Tang

ASHK INNOVATION CONFERENCE 2022 PROGRAMME

8 CPD Hours for
2 half days event

Day 1, 30 Aug (Tuesday)

8:45am **Day 1 Introduction**

MC:

[Scott Chow](#) | Consulting Actuary | Milliman

8:46am **Welcome Remarks**

[Dicky Lam](#) | Immediate Past President | ASHK

8:50am **Opening Keynote**

[Joseph Chan, JP](#) | Under Secretary for Financial Services and the Treasury | Financial Services and the Treasury Bureau

9:00am **Plenary Session 1 – Creating Tomorrow's Actuaries**

Moderator:

[Sean Deehan](#) | Hong Kong Market Leader | Insurance Consulting and Technology | WTW

Panellists:

[Chris Hancorn](#) | Group Chief Actuary | AIA Group

[Abhishek Kumar](#) | Head of Actuarial | KPMG

[Lee Sarkin](#) | Chief Analytics Officer (Life & Health) Asia Pacific, Middle East & Africa | Munich Re

[Rocky Tung](#) | Director, Head of Policy Research | Financial Services Development Council

10:00am **Break**

10:10am **Presentation 1 – Ecosystem Insurance in SEA - Grab's Experience**

[Iwan Juwono](#) | Head of Insurance | Grab

10:50am **Presentation 2 – Digital Asset Insurance**

[Becky Tam](#) | Chief Operating Officer | OneInfinity by OneDegree

11:30am **Break**

11:40am **Presentation 3 – Next Generation Insurance Pricing and Analytics**

[Raphael Li](#) | Consultant, Insurance Consulting and Technology | WTW

12:20pm **Presentation 4 – Escaping Old Ideas – How to Create Truly Digitally Native Life Insurance Solutions**

[Jonathan Hughes](#) | Head of Strategic Development & Marketing EMEA | RGA

13:00pm **End of Day 1**

ASHK INNOVATION CONFERENCE 2022 PROGRAMME

Day 2, 31 Aug (Wednesday)

8:50am Day 2 Introduction

MC:

[Thomas Tang](#) | ASHK Actuarial Innovation Committee Member

9:00am **Plenary Session 2 – Practical Application of Blockchain for Actuaries**

Moderator:

[Jonathan Cheung](#) | Strategy Director | HKbitEX

Panellists:

[Allan Cohen](#) | CEO and Managing Director | Pelican Ventures

[Iain Bulcraig](#) | Chief Risk Officer | SCOR Australia

[Raymond Lai](#) | Greater Asia Committee member of the Society of Actuaries / AI & Risk Management Expert | Nicholas Actuarial Solutions

[William Yeung](#) | Co-founder & CEO | MediConCen

10:00am **Break**

10:10am **Presentation 5 – A Case Study on the Application of InsurTech to Automobile Insurance**

[Xiaoxuan \(Sherwin\) Li](#) | Chief Actuary | China Re P&C

10:50am **Presentation 6 – Practical Applications of Analytics in Medical Insurance**

[Chye Pang Hsiang](#) | Principal and Consulting Actuary | Milliman

11:30am **Break**

11:40am **Presentation 7 – Ethical Considerations of Applying AI in Data Analytics**

[Jacky Ng](#) | Chapter Lead Data Science APAC | Swiss Re

[Hilda Mansukhani](#) | Head Pricing HK & Taiwan | Swiss Re

12:20pm **Presentation 8 – Innovation Exploration of Intelligent Operations in Life Insurance**

[Charles Cao](#) | Executive Underwriter | China Re Life

13:00pm **Closing Remarks**

[Dicky Lam](#) | Immediate Past President | ASHK

13:10pm **End of the Programme**

PRESENTERS



Joseph Chan, JP

Under Secretary for Financial Services and the Treasury |
Financial Services and the Treasury Bureau

Mr Joseph Chan was appointed the Under Secretary for Financial Services and the Treasury on 16 August 2017. Mr Chan has many years of senior executive experience in the banking industry. He was a Managing Director in the Global Markets Division of Credit Agricole Corporate & Investment Bank, and was a Managing Director in Financial Markets of Standard Chartered Bank. Prior to joining the Government, Mr Chan held multiple roles in a number of public and professional bodies, including Vice President of the Hong Kong Society of Financial Analysts, Director of Hong Kong Securities & Investment Institute, Advisor of the Chinese Gold & Silver Exchange Society, as well as a General Committee member of the Hong Kong General Chamber of Commerce. Mr Chan was also a member of the Central & Western District Council.



Sean Deehan, FASHK, FFA

Hong Kong Market Leader | Insurance Consulting and
Technology | WTW

Sean Deehan is the Market Leader for Insurance Consulting and Technology in Hong Kong at WTW. He has over 25 years of life insurance and pensions experience, including 10 years in China and Hong Kong. He is a Fellow of the Institute and Faculty of Actuaries (FFA) and has a Global Executive MBA from INSEAD business school. Prior to joining WTW in 2021, Sean was the CEO of a UK-owned life insurer in Hong Kong.

PRESENTERS



Chris Hancorn, FASHK

Group Chief Actuary | AIA Group Limited

Chris is the Group Chief Actuary, AIA Group and previously a Partner with PwC's Asia Actuarial Services practice. He has extensive actuarial experience in financial services in Europe and eight markets in Asia, including product development and pricing, financial and capital management, and financial reporting for life insurers, with a particular focus on developments in the new International Financial Reporting Standard for insurance contracts ('IFRS 17') and risk-based capital regulations. Chris began his career with The Standard Life Assurance Company in Edinburgh where he performed several roles in product development, distribution and financial management, and where he qualified as a Fellow of the Faculty of Actuaries. He is an active member of the actuarial profession, co-chairing the Life Committee and chairing the Risk-Based Capital Task Force at ASHK. Chris has a First-Class Honours degree in Mathematics and Statistics from The University of Edinburgh.



Abhishek Kumar, FASHK

Head of Actuarial | KPMG

Abhishek leads KPMG's actuarial consulting practice in Hong Kong. He is an experienced actuary with global experience of working in the UK, Singapore and Hong Kong. He has worked with global insurers in areas of financial reporting, risk and capital management, and actuarial transformation.

PRESENTERS



Lee Sarkin

Chief Analytics Officer, Life & Health (Life & Health) Asia Pacific, Middle East & Africa | Munich Re

Lee has over 16 years' experience in actuarial, AI / data analytics, research and consulting roles across primary insurers, reinsurers and independent consulting. As regional Chief Analytics Offer, Lee leads the APAC, Middle East and Africa AI (advanced analytics) team, located in Singapore covering the Munich Re's Life & Health business. His and the team combine data, AI, tech and deep risk expertise into digital solutions to transform the customer experience and operational efficiency of insurers. Lee's 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 a 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.



Rocky Tung

Director, Head of Policy Research | Financial Services Development Council

Dr Tung is the Director & Head of Policy Research for the Financial Services Development Council (FSDC). He leads the team responsible for conducting policy research and industry surveys for the formulation of proposals to the Hong Kong Special Administrative Region Government and financial regulators.

Prior to joining the FSDC, Dr Tung was the Director of Capital Markets Policy for CFA Institute, covering research areas related to capital market structures (e.g. corporate governance, regulatory environment) in the Asia Pacific region. Before that, he was the Senior Economist for the Hong Kong General Chamber of Commerce, where he oversaw its macroeconomic research, as well as labour- and international trade- related policy research functions. He also served as an economist and a research analyst for banks, a trade credit insurer and a Hong Kong-based think-tank.

PRESENTERS



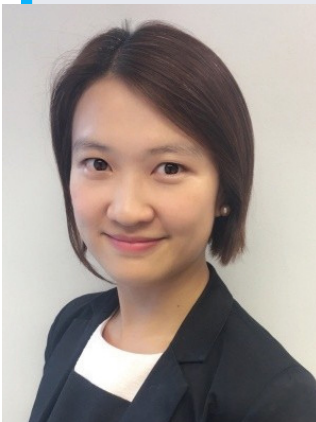
Iwan Juwono

Head of Insurance | Grab

Iwan is the Head of Insurance for Grab Financial Group, a unit of Grab, South-East Asia's leading superapp.

An Australian qualified actuary, Iwan has worked in Australia, UK, and South-East Asia for companies such as Mercer, KPMG, Milliman, Allianz and SCOR before joining Grab in 2020. His expertise lies primarily in insurance M&A, strategy, and business development.

He dreams of enabling effective and value for money insurance for the mass market and under-served segments, especially in the health and savings space.



Becky Tam

Chief Operating Officer | OneInfinity by OneDegree

Becky is the General Manager of Digital Asset Insurance in OneDegree Hong Kong Limited, a new generation of InsurTech company that leverages technology and innovation to make insurance accessible and easy. As a key team member of the pioneering insurance startup, she began her role as the Chief Risk Officer for two years. Afterwards she led and established a new line of business, digital asset insurance, which makes OneDegree the first insurer in Asia offering such product backed by Munich Re. Apart from being a crypto-enthusiast herself, she is a risk management specialist with deep experience in the insurance field and beyond. Prior to joining OneDegree, Becky was the Asia Risk Director of Sun Life Financial, and the Operational Risk Vice President of Swiss Re Asia. Her earlier experience with PwC focused on insurance and asset management companies. Becky is currently a member of the Environment and Conservation Fund Investment Committee. She is also a HKICPA member and CFA Charterholder.

PRESENTERS



Raphael Li

Consultant, Insurance Consulting and Technology | WTW

Raphael Li joined WTW in 2021 as a senior associate in the Insurance and Consulting and Technology practice based in Hong Kong. He has around 10 years of experience in the industry, his experience includes due diligence liability valuation, analysis of claim and premium liabilities, enterprise risk management and pricing. He received a BSc degree in Mathematics with Actuarial Science from University of Southampton, UK.



Jonathan Hughes, FASHK

Head of Strategic Development & Marketing EMEA | RGA

As Head of Strategic Development & Marketing for EMEA, Jonathan leads the development of our regional strategy, EMEA's strategic marketing initiatives and manages our region's innovation-linked investment portfolio.

Since joining RGA in 2013, he has held a variety of roles within the region and at RGAX, where he led our innovation efforts working with life insurers, distributors and insurtechs as Managing Director of RGAX EMEA. Prior to RGA, he spent over ten years in life reinsurance and actuarial consultancy, including roles leading pricing teams; managing a data-driven research team of actuaries, underwriters and data analysts; developing a longevity swap proposition; and occupational pension scheme consulting.

Jonathan qualified as an actuary in 2006, regularly speaks at industry events in EMEA and beyond, and actively participates in industry bodies such as the Continuous Mortality Investigation, where he is currently Deputy Chair and Chief Financial Officer.

PRESENTERS



Jonathan Cheung, FSA, FASHK

Strategy Director | HKbitEX

Jonathan wears multiple hats at HKbitEX, serving as a Director within the Strategy team and also as the Chief Product Officer for the Group's custodian business. As Director of Strategy, his focus is on corporate development affairs including development of new products and initiatives within the broader Group ecosystem. As CPO, Jonathan is responsible for the launch and execution of products as well as secure partnerships such as crypto insurance.

Prior to HKbitEX, Jonathan was one of the early members of ZA International (licensed Virtual Bank and Virtual Insurer) focusing on special projects and product development. Jonathan is a qualified actuary with 10+ years of experience in the insurance industry, having previously worked for Manulife, FWD, and RGA in disciplines spanning pricing, product development, as well as business development.



Allan Cohen, FCAS

CEO and Managing Director | Pelican Ventures

Allan Cohen is CEO and Managing Director of Pelican Ventures, a private investment fund focused on start-up and early stage investments in the (re)insurance industry.

He previously worked at Hamilton Insurance Group from 2014-2019, holding a variety of actuarial, corporate development, and actuarial roles. Prior to joining Hamilton, Allan was a consulting actuary where he provided actuarial consulting services to (re)insurance clients in the US, Bermuda, Europe and Asia.

Allan is a Fellow of the Casualty Actuarial Society (FCAS) and a Chartered Financial Analyst (CFA) Charter holder. Outside of his professional life, Allan is a crypto and blockchain enthusiast and looks forward to the day when his personal and professional life officially becomes one.

PRESENTERS



Iain Bulcraig, FIAA

Chief Risk Officer | SCOR Australia

Iain Bulcraig is currently Chief Risk Officer at SCOR Australia having recently returned from a 2-year secondment in Paris within SCOR reinsurance, supporting its IFRS 17 implementation. He has over 25 years of life insurance experience across consulting, insurance and reinsurance firms in Australia and his native Scotland. Iain has been involved in Institute committees for many years and is currently a member of the Risk Management Practice Committee and involved in the Institute's Mentoring programme.



Raymond Lai, FSA, FASM CBE

Greater Asia Committee member of the Society of Actuaries / AI & Risk Management Expert | Nicholas Actuarial Solutions

Raymond is a Fellow of the Society of Actuaries (FSA) and has over 30 years of actuarial, financial and risk management experience in the life insurance, general insurance and family takaful insurance, medical insurance and insurtech startup.

Raymond was previously held Appointed Actuary, Chief Actuary and Chief Risk Officer roles in Malaysia and Vietnam and is currently heading Risk Management Practice in Nicholas Actuarial Solutions as well as holding Appointed Actuary roles for international global reinsurer in both Bahrian and Labuan.

Raymond was a Past President of the Actuarial Society of Malaysia and currently SoA Greater Asia Committee Member. Raymond has been in the blockchain space for more than 5 years and have been promoting the application of blockchain in the insurance industry.

PRESENTERS



William Yeung, FSA

Co-founder & CEO | MediConCen Limited

Mr. William Yeung is a Fellow of the Society of Actuaries with solid experience in digital commerce and insurtech applications. He is the co-founder & CEO of MediConCen Limited, which is an insurtech company which utilizes blockchain to automate insurance claim and the company launched the first-in-Asia blockchain medical ecosystem with leading insurers

After working in the actuarial teams of a number of major insurers, he was appointed Director, Digital Commerce at FWD and he has co-founded FWD's digital insurance platform and leading the product and marketing functions. Starting from scratch, the platform ranked number 1 in sales by annualized premium equivalent. He then joined ZhongAn Technologies International as Founding Member helping ZhongAn to develop business.



Xiaoxuan (Sherwin) Li, FCAA, FCAS, FIA

Chief Actuary | China Re P&C

Sherwin Li is currently the Chief Actuary of China Re P&C and is the head of the automobile InsurTech innovation team in the company. He ever participated in the auto insurance reform project of China Mainland industry during the past few years. He has nearly twenty years of working experience in the insurance industry, including ever working in London, UK for less than a year. He is a Fellow of China Association of Actuaries(FCAA), a Fellow of Casualty Actuarial Society(FCAS) and a Fellow of Institute of Actuaries(FIA).

PRESENTERS



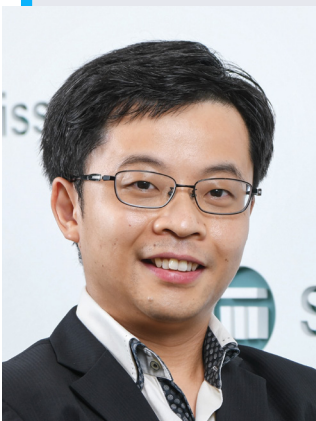
Chye Pang Hsiang, FIA

Principal and Consulting Actuary | Milliman

Pang is a Principal and Consulting Actuary with Milliman and has more than 25 years experience in healthcare insurance. He joined the firm in 2002, after spending more than two and a half years with Milliman in New York and six years with an actuarial and management consultancy in Southeast Asia.

Pang specialise in property and casualty insurance and healthcare. He has consulted to more than 100 companies and reinsurance companies in Greater China and Southeast Asia, as well as governments, health plans, hospitals, physician groups and pharmaceutical companies in Asia, the US and South Africa.

His healthcare experience includes healthcare financing reform, product design and consumer testing, premium rating and quotation systems, healthcare utilisation and cost management, provider profiling, reimbursement and network management, market entry and business planning, and merger and acquisitions.

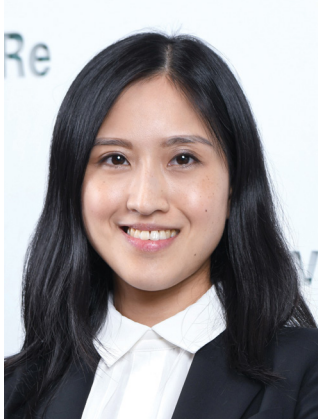


Jacky Ng, AIAA, ASA, CERA

Chapter Lead Data Science APAC | 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.

PRESENTERS



Hilda Mansukhani, FIA

Head Pricing HK & Taiwan | Swiss Re

Hilda heads the L&H Hong Kong & Taiwan Pricing team at Swiss Re, supporting quote activities across an entire spectrum of Life and Health businesses. She has over 12 years of reinsurance experience working in various functions including Pricing, Valuations and Client Management across Hong Kong, United Kingdom and Ireland. Prior to Swiss Re, she worked as a consultant in KPMG focusing on pensions consulting. She graduated from the London School of Economics and is a Fellow of the Institute & Faculty of Actuaries in the UK.



Charles Cao, PMP/Physician of TCM

Executive Underwriter | China Re Life

Charles Cao is the executive underwriter of China Re Life, with over 20 year experience in development of operation strategy. Graduated from Bachelor of Medicine and Master of Economics, he is focusing on R&D of intelligent solutions, leveraging on his extensive knowledge in medicine and project management. His recent project spotlights the innovative application of artificial intelligence in life insurance operations.

EVENT DETAILS

Date

Tuesday 30 August 2022
8:45am – 1:00pm (HKT)

Wednesday 31 August 2022
8:50am – 1:10pm (HKT)

Format

Virtual Seminar Via **zoom**

*The online meeting details will be emailed to registrants a few days before the event. All registrants will receive one meeting link to join the Innovation Conference before 29 August 2022. Each meeting link is only good for one device.

Registration Fee

Categories	Early Bird 19 July – 8 August	Standard Price 9 – 24 August
ASHK Member	HK \$800	HK \$1,000
ASHK Non-member	HK \$1,000	HK \$1,200

Cancellation Policy

For cancellation, please notify the ASHK Office by emailing to info@actuaries.org.hk and provide such information as the registrants' names and company names.

Unless specified, cancellation before **17 August 2022** will be subject to an administration fee of HK\$250 per registrant and refunds will only be made after the event. ASHK will mail the refund cheque and the amount will be the registration fee less the administration fee. In the event of late cancellation (after 17 August 2022) or no-show, request of refund will not be entertained. The registration fee will still be due for any no-shows.

CPD

The ASHK Innovation Conference qualifies for (Society of Actuaries/ Actuaries Institute Australia / IFoA / ASHK) Continuing Professional Development (CPD). Actuarial members may find it a useful contribution to their personal professional development. A maximum of **8 CPD hours*** can be claimed from the ASHK Innovation Conference. The amount of hours recorded is left to the discretion of the individual.

* 1 CPD hour = 60 minutes

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