
The Post-pandemic Actuarial World

JOINT REGIONAL SEMINAR 2021

VIRTUAL

8-28 September 2021

Regional
Programme for
All Locations

8 Sep

Vietnam

8 Sep

Jakarta

13 Sep

Sydney

14 Sep

Taipei

17 Sep

Bangkok

23 Sep

Hong Kong

27 Sep

Kuala Lumpur

28 Sep

Organized by



Institute
and Faculty
of Actuaries

Supported by



Welcome to the Joint Regional Seminar 2021

The Joint Regional Seminar (JRS) is an annual event co-organized by the Institute & Faculty of Actuaries and Actuaries Institute Australia with the support of the local actuarial societies in the region. It is designed to assist actuaries and other professionals in meeting their CPD requirements.

We took a break last year and now we are back. We hope you have been keeping well. For the safety of our participants during COVID times, the Organising Committee has decided to run a **virtual** JRS instead. A half-day regional programme will be presented in the afternoon on 8 September 2021 hosted virtually in Hong Kong for all participants from the Asia region. SOAT will virtually host the half-day programme in Bangkok on 23 September 2021.

Theme

The COVID-19 pandemic has presented unprecedented challenges and evolving risks in a rapidly changing regulatory environment for the insurance industry. The pandemic's implications for the industry will have largely been felt through many aspects of the business - muted earnings, investment portfolio stress, escalated mortality claims, distribution difficulties, operational and workforce disruptions, and much more. To weather the crisis and uncertainties and keep up with the evolving regulatory, technological and business landscapes, actuaries have a significant role to play in helping the industry adapt to a post-pandemic world. Hence the theme of JRS 2021 is "The Post-pandemic Actuarial World". To register for the JRS, please visit the local association's website for details.

CPD

The Joint Regional Seminar qualifies for (Actuaries Institute Australia / IFoA / SOAT) Continuing Professional Development (CPD). Actuarial members may find it a useful contribution to their personal professional development. A maximum of **6.5 CPD hours*** can be claimed from the Bangkok JRS. The amount of hours recorded is left to the discretion of the individual.

* 1 CPD hour = 60 minutes

Regional Programme (Virtual Seminar via Zoom) 8 September 2021

BKK Time	Topic
12:45-13:00	Registration
13:00-13:05	Opening Remarks
13:05-13:50	Artificial Intelligence: Approaching the Next Frontier of Life Insurance Ross Moore , Director, <i>Deloitte</i> Thomas Chu , Data Science Senior Consultant, <i>Deloitte</i>
13:55-14:40	Is Increasing Lung Cancer in Young Females an Emerging Risk for Life Insurance? Dr David Lu , Asia Chief Medical Officer, <i>Swiss Re</i>
14:45-15:30	What Makes a Happy Customer? Louis Lee , Partner, <i>Deloitte</i> Rebecca Zhang , Head of Regional Partnerships at South Asia, <i>SCOR Global Life</i>
15:35-16:20	What can Asian Insurance Markets Learn from European Sustainable Investment Practice? Richard Roberts , Global Insurance Investment Director, <i>Aberdeen Standard Investments</i>
16:20-16:30	Closing Remarks

JRS Bangkok Local Programme (Virtual Seminar) 23 September 2021

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BKK Time	Topic
13:00-13:20	Registration
13:20-13:25	Welcome Remarks
13:25-14:05	Beyond Pandemic: The Road Ahead for Product Innovation in Thailand Joycelyn Bui, Life and Health Solutions Team Lead, <i>Swiss Re</i>
14:05-14:45	Looking Forward to the Future of Thai Insurance Industry: Regulatory Perspectives Linking to the Growing Needs for Health Protection Chayanin Kerdpholngarm, Ph.D., Assistant Secretary General, <i>Office of Insurance Commission</i> Chansak Pitisirikul, Director, Capital and Solvency Supervision, <i>Office of Insurance Commission</i>
14:45-14:55	Break
14:55-15:35	Uncertainty in Economic Conditions in Post-Covid World Nicholas Miller Smith, Research Director, <i>Moody's Analytics</i>
15:35-16:15	Development of Chinese Specialty Drug Insurance Ryan Tian, Senior Manager, Business Development, <i>China Reinsurance Co</i>
16:15-16:55	Augmenting Underwriting and Claims with AI Lee Sarkin, Chief Analytics Officer, <i>Munich Re</i>
16:55-17:00	Closing Remarks

Speakers for Regional Programme



Ross Moore
Director, *Deloitte*

Deloitte Director, Ross Moore has over 15 years of experience in the banking and insurance industries, with extensive experience in data, machine learning and financial crime. ML experience includes applications within marketing, pricing, funding, fraud and risk analytics in the UK and Asia Pacific. He has also led the design, implementation and testing on a series of major data warehousing projects, Target Operating Models and data and analytics process implementation and improvement initiatives.



Thomas Chu
Data Science Senior Consultant, *Deloitte*

Thomas Chu is a Data Science Senior Consultant in the Life Insurance practice of Deloitte Actuarial in Hong Kong. Prior to Deloitte, he had worked in Accenture London developing data science solutions focusing on Anti-Money Laundering, such as Customer Due Diligence (KYC), Name Screening and Transaction Monitoring.

Presently, Thomas is focusing on developing next tier InsurTech solutions, namely Underwriting Automation, Claims Prediction and Life Behavioral Sciences.



Dr David Lu
Asia Chief Medical Officer, *Swiss Re*

Dr David Lu joined Swiss Re in 2013, and now is Asia Chief Medical Officer of Swiss Re based in Hong Kong. His key responsibilities are leading the Asia Medical Officers team overseeing all medical related insurance risks and their trends, providing advices to and support business growth with a particular focus in Asia. Prior to joining Swiss Re, David had 10 years' experience of working at an international health insurance company.

David is an orthopaedic surgeon graduated from Beijing Medical University and holds an DrMedSci from Hokkaido University. He is the Active Member of AAIM (American Academy of Insurance Medicine), and the Member of AIMJ (Association of Insurance Medicine of Japan).

Before joining the industry, he has written extensively on his research areas and was the best paper winner of 2001 SICOT (Societe Internationale de Chirurgie Orthopedique et de Traumatologie) in Paris, and the winner of 2009 international research award for young investigator of SPINE journal in Toronto, Canada, and winner of the Best Essay Award of 2019 ICLAM (International Committee of Life Insurance Medicine) in Mumbai, India.

Speakers for Regional Programme



Louis Lee
Partner, *Deloitte*

Louis Lee FIAA, MBA, is a qualified actuary and a Partner in Deloitte's Actuarial and Insurance Solution practice based in the Hong Kong office, where leads the practice for the General and Health Insurance sector. He joined the firm in 2020, and has more than 20 years' experience in the insurance and reinsurance industry across Asia and Australia, for both General and Life & Health Insurance companies. Most recently, he was the Asia Pacific Chief Financial Officer for Top Tier Global Reinsurer.

Louis has extensive experience in strategy, M&A, finance transformations, reinsurance optimization, actuarial reviews, products and propositions, pricing, and also market expansions.



Rebecca Zhang
Head of Regional Partnerships at South Asia, *SCOR Global Life*

Rebecca Zhang, FSA, FCIA, is the Head of Regional Partnerships at South Asia, SCOR Global Life. Rebecca first joined SCOR Hong Kong in 2016 and has worked in both Pricing and Marketing roles, focusing on product development and client management. Prior to SCOR, Rebecca worked in Toronto with both traditional roles such as consultancies and insurance companies, and non-traditional roles such as being one of the first members of the NMG North American practice, and as a senior leader at a listed P2P insurtech startup.



Richard Roberts
Global Insurance Investment Director, *Aberdeen Standard Investments*

Richard Roberts is a Global Insurance Investment Director working within Aberdeen Standard Investment's Global Insurance Specialist team with a focus on supporting insurance companies in the UK and Europe with their investment challenges and developing ASI's global insurance offering. Prior to joining Aberdeen Standard Investments in August 2020 he was Head of Balance Sheet Investments for Zurich Insurance Group's UK business responsible for Balance Sheet Investment Strategy, Unit Linked Discretionary Relationships and Treasury. Richard also spent a number of years working as an Investment Accountant within Zurich's UK business. Richard is a Chartered Accountant and a CFA charterholder.

Speakers for BKK JRS



Joycelyn Bui

Life and Health Solutions Team Lead, *Swiss Re*

Joycelyn is currently the Life & Health Solutions Team Lead for South East Asia and India. Within the past 4 years with Swiss Re, she has worked with a large number of insurers in the region to solve strategic business challenges and unlock untapped opportunities. Her portfolio includes many innovative and first-in-market insurance products across SEA. In her current capacity, she also leads the team to build new product & data solutions for alternative distribution partners, in particular digital ecosystems.

Prior to joining Swiss Re, Joycelyn spent 10+ years in the insurance industry working as a management consultant, change management, and technology business partner. With a bachelor degree in Computer Science, her agility brings along different perspectives to Swiss Re's solutions and thought leadership.



Chayanin Kerdpholngarm, Ph.D.

Assistant Secretary General, *Office of Insurance Commission*

Chayanin Kerdpholngarm has over ten years' extensive experience and expertise in supervising insurance businesses. She started working for the Office of Insurance Commission (OIC) by specializing in risk management of insurance businesses, risk-based capital, disclosures, and actuarial work. She then continued to contribute to the enhancement of analysis and audit of insurance businesses by developing guidelines on the analysis of financial position and risk-based audit, the composite risk rating framework, the Early Warning System (EWS) and the early intervention measures. Apart from these, she is also equipped with expertise in developing tools for analysis and supervision of insurance businesses, as well as in insurance business statistics.

Currently, Chayanin serves the OIC as an assistant secretary general overseeing supervisory standard development. Her roles encompass integrating, developing policies, strategic planning, and setting directions for the supervision system development with a view to ensuring stability of the insurance sector, solvency of insurance companies, proper risk management, reinsurance supervision, as well as good governance and business conduct standards.



Chansak Pitisirikul

Director, Capital and Solvency Supervision, *Office of Insurance Commission*

Chansak Pitisirikul, ASA, is the director of capital and solvency supervision from the Office of Insurance Commission (OIC) Thailand. He has over ten years of experience in insurance regulation, life insurance pricing and valuation, and capital market investment. As an insurance regulator, he has been playing an important role in ensuring the solvency of both life and non-life insurance companies. He is currently responsible for supervising the development of Thai insurance regulations regarding risk-based capital (RBC) framework, ERM/ORSA, asset and liability valuation standards, and actuarial standards of practice. He also spearheaded the development of practical guidelines on the approval of issuance of insurance capital bonds (IC bonds) as an alternative to capital strengthening of insurance companies.

Speakers for BKK JRS



Nicholas Miller Smith
Research Director, *Moody's Analytics*

Nicholas Miller Smith is a research director at Moody's Analytics. His focus is on the construction and calibration of financial models for use in stochastic economic scenario generators. Before that he worked at BlackRock, mainly in the area of research and advice on strategic asset allocation for institutional investors. He is a qualified actuary.



Ryan Tian, Senior Manager,
Business Development, *China Reinsurance Co*

FSA, Senior Manager of Business Development at China Reinsurance (HK). Ryan has around 10 years of experience on product development, actuarial modeling and data mining, including a leading role in critical illness research over Asia. Currently based in Hong Kong, he has worked in various markets such as Beijing, Cologne, Hong Kong, London, Shanghai and Singapore in his previous years.



Lee Sarkin
Chief Analytics Officer, *Munich Re*

Lee has over 16 years of experience in actuarial, AI / data analytics, research and consulting roles at primary insurers, reinsurers and independent actuarial consulting. As a regional Chief Analytics Officer, Lee heads the regional AI-analytics team located in Singapore, covering the Life & Health Asia-Pacific, Middle East and Africa business of Munich Re. Lee's team combines cutting edge AI/ML modelling with Munich Re's deep domain knowledge and technology to develop AI-driven digital solutions to solve problems across the insurance value chain. 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 Africa where he chairs its Demography & Epidemiology committee.

JRS Regional Programme and JRS Bangkok 2021

Date/Bangkok Time

JRS Regional Programme (for all locations)
JRS Bangkok Local Programme

1:00pm to 4:30pm, 8 September
1:20pm to 5:00pm, 23 September

Format

Virtual Seminar

* The online meeting details will be emailed to registrants a few days before the event. Registrants will receive a Zoom meeting link to join the regional programme a few days before 8 September and another Online meeting link to join the Bangkok local programme a few days before 23 September. Each meeting link is only good for one device.

For Registration

QR Code



Link

<https://docs.google.com/forms/JRS2021>

Registration Fee

Member	1 day at THB 1,200.-	2 days at THB 2,000.-
Non-member	1 day at THB 1,700.-	2 days at THB 3,000.-
Remarks	- In case you wish to join a one-day programme on 23 September 2021. - VAT included, withholding tax is not deductible.	

Deadline for registration

31 August 2021

Payment Method

Cash or cheque payment at the SOAT office. Credit transfer to “The Society of Actuaries of Thailand”

Or “สมาคมนักคณิตศาสตร์ประกันภัยแห่งประเทศไทย”

Kasikorn Bank, Current Account No. 018-1-01969-7

Swift Code: KASITHBK, Bank Address: Patpong Branch

Registration

Please return your completed form with your payment to Ms. Oraphan Panit
The Society of Actuaries of Thailand, 36/1 Soi Saphankoo, Rama IV Road,
Thoongmahamek, Sathorn, Bangkok 10120, Thailand
Email: oraphan.panit@soat.or.th Tel: +668-0559-4555 Website: www.soat.or.th