



# 2021 ASIA-PACIFIC ANNUAL SYMPOSIUM

17–18 JUNE | VIRTUAL

Sincere Gratitude and Appreciation to the  
Honorable Partner

**The Actuarial Institute of Chinese Taipei**



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## **Thank You to the Symposium Organizing Committee**

**Alan Lin, FSA, FAICT**

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

**Michael Liao, FSA, FAICT**

**Questor Ng, FSA, FRM**

**Sam Yeung, FSA**

**Stuart Tang, FSA, CERA**

**Vicki Chang, FSA, FAICT**

**Yudhistira Dharmawata FSA, CFA, FRM**

## **Thank You to the Quiz Session Advisors & Moderators**

**Billy Wong, FSA**

**Dennis Ng**



On behalf of the Society of Actuaries, I would like to invite you to join us for the 2021 SOA Asia-Pacific Hybrid Symposium. Get ready for two days dedicated to professional development specifically for actuaries in the Asia-Pacific region.

Also, I want to thank the Actuarial Institute of Chinese Taipei (AICT) for partnering with us for the SOA's 11th Asia-Pacific Symposium. Both our organizations have a long history of supporting the actuarial profession. I am glad that we can collaborate to offer a wide range of topics and ideas to apply in your work.

Financial reporting, post-pandemic product trends, risk management, low interest rate environment and data analytics are all challenges that the actuarial profession faces. We've created this event as a resource to help you navigate and address these challenges. This event provides a great opportunity for you to network with colleagues, hear from leading experts and expand your knowledge with best practices and new ideas.

I look forward to gathering with you virtually for the 11th Asia-Pacific Symposium.

Sincerely,

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

President, Society of Actuaries



On behalf of the Actuarial Institute of Chinese Taipei (AICT), I would like to express sincere appreciation to the SOA for inviting AICT to partner on the 2021 SOA Asia-Pacific Hybrid Symposium, a grand event which has been held for 10 years.

Founded in 1969, AICT has just had its 50th anniversary. AICT is dedicated to playing a diversified role in Taiwan to integrate resources and strengthen education and training. Our vision is to serve the insurance and actuarial industry, cultivate professional and international actuaries, cooperate with the international actuarial organizations, and to be in line with international trends.

The two-day symposium is quite rich and comprehensive, including the important topics of IFRS 17, digitalization, product design and development, global ERM developments and challenges. Meanwhile, the symposium will feature expert speakers from various spheres.

Once again, I would like to express my warmest thanks to the SOA, all the sponsors, organizers and volunteers for your participation in 2021 Asia-Pacific Annual Symposium.

I wish you all the best and best wishes for a successful event.

Sincerely,

Jong-Ming (Jeremy) Kan, FAICT

President

Actuarial Institute of Chinese Taipei



## Agenda

Thursday, 17 June 2021	
8:00–9:00 a.m.	<b>Registration and Welcome Break</b>
9:00–9:40 a.m.	<b>Welcome Remarks</b> Moderator: Vicki Chang, FSA, FAICT Presenter(s): <ul style="list-style-type: none"> <li>Alan Lin, FSA, FAICT, 2021 Asia-Pacific Annual Symposium Organizing Committee</li> <li>Roy Goldman, Ph.D., FSA, MAAA, CERA, Society of Actuaries President</li> <li>Jong-Ming (Jeremy) Kan, FAICT, Actuarial Institute of Chinese Taipei President</li> </ul>
9:40–10:20 a.m.	<b>Keynote Speech 1: Future of Insurance</b> Moderator: Vicki Chang, FSA, FAICT Presenter(s): Angat Sandhu
10:20–11:00 a.m.	<b>Keynote Speech 2: Prolonged Low Interest Environment for Asia Insurers</b> Moderator: Vicki Chang, FSA, FAICT Presenter(s): Tze Ping Chng, FSA, MAAA
11:00–11:30 a.m.	<b>Morning Coffee Break</b>
11:30 a.m.–12:30 p.m.	<b>Session 1: The Impact of IFRS 17 and Insights into Implementation</b> Moderator: Alan Lin, FSA, FAICT Presenter(s): Ophelia Au Yeung, FSA; Martin Zhao, ASA
12:30–12:40 p.m.	<b>Lucky Draw</b>
12:40–2:00 p.m.	<b>Lunch</b>
2:00–3:00 p.m.	<b>Concurrent Sessions</b>
	<b>TRACK A: IFRS 17</b> <b>Session 2A: Mythbusters IFRS 17: Perception Versus Reality</b> Moderator: Vicki Chang, FSA, FAICT Presenter(s): Nurul Syuhada Nurazmi, FCAS; Hassan Scott Odierno, FSA
2:00–2:30 p.m.	<b>TRACK B: DIGITAL/DATA ANALYSIS</b> <b>Session 2B: Augmenting Underwriting and Claims With AI</b> Moderator: Stuart Tang, FSA, CERA Presenter(s): Lee Sarkin

2:30–3:00 p.m.	<b>TRACK B: DIGITAL/DATA ANALYSIS</b> <b>Session 3B: Actuary2.0: Actuaries and Digital Insurance in The Real World</b> Moderator: Stuart Tang, FSA, CERA Presenter(s): Bob Charles, FIA; Allan Wong, FSA
3:00–3:30 p.m.	<b>Afternoon Coffee Break</b>
3:30–4:30 p.m.	<b>Concurrent Sessions</b>
	<b>Track A: IFRS 17</b> <b>Session 4A: How Do I Know My IFRS 17 Numbers are Calculated Correctly?</b> Moderator: Vicki Chang, FSA, FAICT Presenter(s): Ka Hei Choi, FSA, CERA; Mike Stranger
3:30–4:00 p.m.	<b>TRACK B: DIGITAL/DATA ANALYSIS</b> <b>Session 4B: The Rise of Digital Life Insurers</b> Moderator: Stuart Tang FSA, CERA Presenter(s): Michael Chan, FSA
4:00–4:30 p.m.	<b>TRACK B: DIGITAL/DATA ANALYSIS</b> <b>Session 5B: Actuaries Joining Forces with Data Scientists to Achieve Analytical Excellence</b> Moderator: Stuart Tang FSA, CERA Presenter(s): Jacky Ng, ASA, AIAA, CERA; Fiona Tang, FSA
6:00–7:00 p.m.	<b>Virtual Quiz Night</b>

Tuesday, 18 June, 2021	
8:30–9:00 a.m.	Onsite Registration
9:00–9:30 a.m.	Concurrent Sessions
	<p><b>TRACK C: PRODUCT DESIGN &amp; DEVELOPMENT</b>  <b>Session 6C: Life and Health Industry Remade by COVID-19 - Hong Kong</b>  Moderator: Yudhistira Dharmawata, FSA, CFA, FRM  Presenter(s): Albert Chu, FSA</p> <p><b>TRACK D: ERM/ALM/LOW INTEREST RATE</b>  <b>Session 6D: Global Emerging Risks</b>  Moderator: Boon Yoon Ho, FSA, CERA, FCIA  Presenter(s): Dale Hall, FSA, CERA, CFA, MAAA</p>
9:30–10:00 a.m.	Concurrent Sessions
	<p><b>TRACK C: PRODUCT DESIGN &amp; DEVELOPMENT</b>  <b>Session 7C: COVID-19 Pandemic: A Stumbling Block or Catalyst to Insurance Product Development?</b>  Moderator: Yudhistira Dharmawata, FSA, CFA, FRM  Presenter(s): Kay Ying Shong, FSA, CERA, FSAS</p> <p><b>TRACK D: ERM/ALM/LOW INTEREST RATE</b>  <b>Session 7D: Managing Credit Assets in a Low Interest Rate Environment</b>  Moderator: Boon Yoon Ho, FSA, CERA, FCIA  Presenter(s): Brett Manning; Tomer Yahalom</p>
10:00–10:30 a.m.	Concurrent Sessions
	<p><b>TRACK C: PRODUCT DESIGN &amp; DEVELOPMENT</b>  <b>Session 8C: Post-Retirement Product Design &amp; Development</b>  Moderator: Yudhistira Dharmawata, FSA, CFA, FRM  Presenter(s): Calvin Chiu, FSA; Elvin Seet-Yeow Tharm, FSA</p> <p><b>TRACK D: ERM/ALM/LOW INTEREST RATE</b>  <b>Session 8D: Life Insurance Capital Regimes in Asia: Recent Developments and Outlook</b>  Moderator: Boon Yoon Ho, FSA, CERA, FCIA  Presenter(s): Clement Bonnet; Scott Chow, FSA, CERA, FRM</p>
10:30–11:00 a.m.	Morning Coffee Break





<b>11:00–11:30 a.m.</b>	<b>Concurrent Sessions</b>  <b>TRACK C: PRODUCT DESIGN &amp; DEVELOPMENT</b> <b>Session 9C: Microinsurance: The Pioneer Life Inc. Experience</b> Moderator: Yudhistira Dharmawata, FSA, CFA, FRM Presenter(s): Rodirick Takiang, ASA, FASP  <b>TRACK D: ERM/ALM/LOW INTEREST RATE</b> <b>Session 9D: Conduct Risk Developments Impacting Asian Insurers</b> Moderator: Boon Yoon Ho, FSA, CERA, FCIA Presenter(s): Jens Kessler
<b>11:30 a.m. –12:00 p.m.</b>	<b>Concurrent Sessions</b>  <b>TRACK C: PRODUCT DESIGN &amp; DEVELOPMENT</b> <b>Session 10C: Post-Pandemic: Where to From Here? An Exploration of Living Benefits, Digitalization and Partnership</b> Moderator: Yudhistira Dharmawata, FSA, CFA, FRM Presenter(s): Bryce Shepherd, FIA  <b>TRACK D: ERM/ALM/LOW INTEREST RATE</b> <b>Session 10D: Operational Risk: Lessons Learned in the Corporate Sector</b> Moderator: Boon Yoon Ho, FSA, CERA, FCIA Presenter(s): James Wong
<b>12:00–1:20 p.m.</b>	<b>Lunch</b>
<b>1:20–1:30 p.m.</b>	<b>Lucy Draw</b>
<b>1:30–2:30 p.m.</b>	<b>Session 11: The Evolution of InsurTech in Asia</b> Moderator: Sam Yeung, FSA Presenter(s): Alex Leung, FSA; George Kesselman
<b>2:30–3:00 p.m.</b>	<b>Afternoon Coffee Break</b>
<b>3:00–4:00 p.m.</b>	<b>Session 12: Weather Through Turmoil: Application of Economic Capital Model</b> Moderator: Questor Ng, FSA, FRM Presenter(s): Gavin R. Maistry, FSA, CERA, FSAS; Tushar Chatterjee
<b>4:00p.m.</b>	<b>Closing Remarks</b> <b>Presenter(s): Andrew Peterson, FSA, EA, MAAA, FCA, Senior Director – International, Society of Actuaries</b>

## General Information

### CPD CREDITS

- **10.40 credits** may be applied toward the “Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion” and the “SOA Continuing Professional Development Requirement.”
- **8.67 credits** may be applied toward “The Canadian Institute of Actuaries Qualification Standard—Continuing Professional Development.”

### EVALUATION

Evaluation links will be provided after the session for both the individual session and the overall symposium. Please note that the Society of Actuaries (SOA) values your feedback, as it is critical to ensure we are designing future programs to meet your needs.

### ATTENDANCE CERTIFICATION

For a copy of attendance certification, please email [llee@soa.org](mailto:llee@soa.org).

### 2021 SOA ASIA-PACIFIC ANNUAL SYMPOSIUM EVENT LINK

<https://www.soa.org/prof-dev/events/2021-apac/>

