



# SOCIETY OF ACTUARIES®

## SOA Predictive Analytics Seminar - Malaysia

26 Aug. 2019 | Kuala Lumpur, Malaysia

*With The Support of The Actuarial Society of Malaysia (ASM)*

Venue: Westin Hotel Kuala Lumpur, 199 Jalan Bukit Bintang, Kuala Lumpur, 55100 Malaysia

Agenda	
0800-0900	Registration
0900-0910	Welcome Remarks Presenter: Sophia Ch'ng, FIA, President, Actuarial Society of Malaysia
0910-1000	Session 1 – Building digital and data driven insurance operation ecosystem Presenter: Simon Lee, ASA, FCAS, Regional Chief Operating Officer, AXA Partners Asia
1000-1050	Session 2 – Analytics strategy and future roadmap for life insurers Presenter(s): <ul style="list-style-type: none"><li>• James Lin, Director, Ernst &amp; Young</li><li>• Sarah Zhang, Senior Associate, Ernst &amp; Young</li></ul>
1050-1120	Coffee Break
1120-1210	Session 3 - AI for Actuaries Presenter: William Yap, Chief Data Scientist, Artificial Intelligence Malaysia
1210-1345	Lunch
1345-1435	Session 4 - GLM and its application in life insurance Presenter: Jingyi Zhang, Senior Data Scientist, RGA Reinsurance Company
1435-1525	Session 5 - GLM and its application in general insurance Presenter: George Kau, ACMA, CGMA, FASM, FSA, MBA, Executive Director, KPMG Malaysia
1525-1555	Coffee Break
1555-1645	Session 6 - Predictive Analytics in a Chaotic Data World Presenter: Wai Sum Chan, FSA, CERA, HonFIA, FRSS, Professor of Finance, The Chinese University of Hong Kong
1645-1700	Closing Remarks Presenter: Ing Chian Ching, FSA, SOA Greater Asia Committee Member, Organizing Committee, Chief Actuary, AIA Malaysia.

### CPD CREDITS

SOA CPD Credits = 6.50 credits

### ATTENDANCE CERTIFICATION

For a copy of attendance certification, please email [apac@soa.org](mailto:apac@soa.org) after the meeting.

### ONLINE REGISTRATION

Please refer to the below link for the registration: <https://www.soa.org/prof-dev/events/2019-predictive-analytics-malaysia/>

## Speakers

### **Sophia Ch'ng, FIA, President, Actuarial Society of Malaysia**

### **Ing Chian Ching, FSA, SOA Greater Asia Committee Member, Organizing Committee, Chief Actuary, AIA Malaysia**

### **George Kau, ACMA, CGMA, FASM, FSA, MBA, Executive Director, KPMG Malaysia**

George has extensive experience in due diligence reviews, review of financial modelling, reporting accountants and review of profit forecasts. He has audit experience specialising in the financial services sector in Malaysia. He is currently engaged in implementation of the IFRS 17 and IFRS 9, with specific focus on data, system and process for general insurance and general reinsurance clients of KPMG Malaysia. He has held senior leadership roles and a major part of his career in the financial services sector. George is a certified Chartered Management Accountant (CIMA) as well as a Chartered Accountant (CA)-(MIA).

### **James Lin, Director, Ernst & Young**

James is a Director at Ernst & Young Hong Kong insurance analytics strategy advisory. He has led multiple projects which cover design of group insurance data analytics strategy and execution roadmap, distribution analytics and compensation revamp, and auto-underwriting and insurance scoring. Prior to EY, he has led the setup of risk analytics function for an Australia bank.

### **Jingyi Zhang, Senior Data Scientist, RGA Reinsurance Company**

Jingyi is Senior Data Scientist at Global Research & Data Analytics of RGA.

Jingyi has more than 10 years experiences in predictive modeling and data analytics. Prior to RGA, Jingyi was Analytics Manager with IMS Health, where he took ownership of an analytics team to provide clients insightful data-driven consulting service in pharmaceutical and health care market. Jingyi has also been with eBay and Opera Solutions, where he has experience in predictive modelling/scoring for customer risk management. Jingyi received his undergraduate degree from Shanghai Jiao Tong University, China and PhD. degree from Newcastle University, UK. Jingyi has also served in Lancaster University, UK as Research Associate.

### **Sarah Zhang, Senior Associate, Ernst & Young**

Sarah is a senior associate at Ernst & Young Hong Kong Risk Advisory data analytics team. She has been working on analytics projects that help insurance agencies re-design compensation schemes and improve agents productivity. Prior to EY, she has extensive experience with actuarial modeling and programming for mergers & acquisitions appraisals in North America.

### **Simon Lee, ASA, FCAS, Regional Chief Operating Officer, AXA Partners Asia**

Simon Lee is currently Regional Chief Operating Officer at AXA Partners. Previously he was the Chief Data Scientist at AXA Hong Kong. He is also a Fellow in CAS and Associate in SOA. In his previous role, his key responsibility was to enhance the adoption of predictive analytics at AXA. In his career, he managed multiple data sharing agreement among multiple institutions and led to triple digit uplift in financial KPIs. He published multiple papers on machine learnings in academic journals and received the best paper award. The application of the innovation leads to simultaneous improvement of loss ratio, new business acquisition and retention for a major insurer in North America.

### **Wai Sum Chan, FSA, CERA, HonFIA, FRSS, Professor of Finance, The Chinese University of Hong Kong**

Dr. Chan is Professor of Finance at the Chinese University of Hong Kong. Previously he taught at the University of Hong Kong, the National University of Singapore and the University of Waterloo (Canada). Wai Sum holds a Ph.D. degree from Temple University (Philadelphia, USA). He is a Chartered Enterprise Risk Analyst (CERA), Fellow of the Society of Actuaries (FSA), Honorary Fellow of the Institute and Faculty of Actuaries (HonFIA) and Fellow of the Royal Statistical Society (FRSS). Dr. Chan's research interests include stochastic modeling of actuarial assumptions, statistical applications to risk management and time series forecasting. He received the SOA Edward A Lew Research Award (second prize) in 2006 and was awarded the Inaugural Teaching Excellence Award by the National University of Singapore in 1992. His recent publications appeared in many learned academic journals such as Annual of Actuarial Science, Australian Actuarial Journal, British Actuarial Journal and North American Actuarial Journal. Dr. Chan was a council member of the Actuarial Society of Hong Kong (2001-2012) and also served as a member of both Education Executive Committee and Research Executive Committee of the Society of Actuaries (2011-2017). Currently, he is one of the co-editors of the North American Actuarial Journal.

### **William Yap, Chief Data Scientist at Artificial Intelligence Malaysia**

William Yap is the Founder of Artificial Intelligence Malaysia. He has over a decade of experience in Data Science and Analytics at various industry leaders, including being the first Data Scientist hired by the Malaysia Digital Economy Corporation (MDEC). He has guided entrepreneurs, startups and established corporations on Digitalization and Data Innovations. William began his career as an Actuarial Analyst in the Insurance industry. He graduated from the University of Melbourne with a Bachelor of Commerce, majoring in Actuarial Studies.

# The Predictive Analytics Seminar – Malaysia



26 August 2019 | Kuala Lumpur, Malaysia

## Seminar Registration

First Name	Last/Family Name
Nickname/Preferred Name on Badge	
Title	Company
Address	
City/State/Province/Country	Zip
Email	
Phone	Fax
Emergency Contact Name and Phone	

## Seminar Rates

### Registration Fees

The registration fee includes talk and a lunch. Registration fees must be paid in U.S. dollars.

### Online registration is strongly recommended

	Register by 9 Aug 2019	Register after 9 Aug 2019
SOA / ASM Member (*Delete as appropriate)	<input type="checkbox"/> USD250	<input type="checkbox"/> USD350
Non-Member	<input type="checkbox"/> USD350	<input type="checkbox"/> USD450

Total Enclosed: \$ \_\_\_\_\_

### Deadlines

- 5 Aug., 2019 – Deadline for cancellation requests (USD100 processing fee applies)
- 10 Aug., 2019 – Deadline for receiving mail-in registration
- 15 Aug., 2019 – Deadline for advance online registration

### Payment must be received by Aug 10, 2019

Mail this completed registration form with check in U.S. funds, payable to 'Society of Actuaries.' Allow 10 days for processing.

Society of Actuaries  
The Predictive Analytics Seminar – Malaysia  
SEM2019030  
P.O. Box 95600  
Chicago, IL 60694-5600

The Society of Actuaries records some professional development programs, including audio and/or video recording. I **understand and agree** that my likeness and voice may appear in a variety of SOA media and formats including, but not limited to, photographs, video tapes, and the SOA websites. I further understand, agree and give permission for use of my likeness and voice recorded during this program for educational purposes.

Signature \_\_\_\_\_ Date \_\_\_\_\_

### QUESTIONS OR CONCERNS:

Contact the SOA Customer Service Center Monday through Friday, 8:00 a.m. to 5:00 p.m. CDT, by calling 888.697.3900 or e-mailing [CustomerService@soa.org](mailto:CustomerService@soa.org).