



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">James Lin, Director, Ernst & YoungSarah Zhang, Senior Associate, Ernst & Young |
| 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: Sean Dixiang Zhang, Data Scientist, RGA Reinsurance |
| 1435-1525 | Session 5 - GLM and its application in general insurance (TBC) 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 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.

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.

Sean Dixiang Zhang, Data Scientist, RGA Reinsurance

Sean (Dixiang)Zhang is data scientist in RGA Shanghai. Prior to joining RGA in September 2018, Sean worked as Business Development Manager in SAIC Insurance sales company, where he built UBI solutions for vehicle manufacturers with advanced analytics capability integrated. Prior to this, Sean worked in Cathay P&C Insurance as actuarial manager, leading Auto and A&H Pricing and Portfolio Management team. Before that, he also worked for AIG Shanghai Analytic Center as pricing actuary for more than 4 years. In AIG, he delivered personal lines actuarial and analytics projects from internal clients globally and identified, evaluated and implemented advanced methodologies and tools to enhance sophistication of pricing, analytics and modelling etc. Sean earned his Master of Actuarial Science from Nankai University, and Bachelor of Statistics from Xi'an Jiaotong University.

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



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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 29 July 2019 | Register after 29 July 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

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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.