



Society of Actuaries in Ireland

SAI Life Forum - Convention Centre Dublin

Monday, 19th February 2018

Details of the SAI Life Forum have now been finalised. To attend, reserve your place now at www.actuaries.ie/events

13.30 – 14:00	Registration & coffee	
14:00 – 15:30	<p>Plenary Session:</p> <ul style="list-style-type: none"> Update from the Life Committee (Mike Claffey) Update on SAI Strategy (Maurice Whyns) CBI update (Graham Cherry) From Historic Data to Lapse Stress Tests (Andrew Smith) <p>Lapse rates are an important driver of profits in several classes of life insurance. Compared to other risks, persistency has been poorly explored in the literature and public data is scant. In addition to risks associated with random fluctuations, the risk of model changes is also significant given the lack of standardisation in lapse modelling. Andrew D Smith shows how to construct stress tests based on limited data that are robust to model mis-specification. These are applied to lapse data published by the UK's Financial Services Authority.</p>	
15:30 – 16:00	Coffee break	
16:00 – 16:45 (Parallel session)	<p>Critical Illness emerging trends (Aisling Kennedy)</p> <p>Medical developments continue apace, with recent innovation including, inter alia, "breath biopsies" and a bra that detects cancer. This presentation will look at the latest trends in disease incidence and diagnosis and consider the pricing challenges for critical illness that are emerging as a result.</p>	<p>Mobile technologies and their impact on underwriting (Jordi Posthumus)</p> <p>The rise of mobile computing and technological decentralization has disrupted numerous industries, while simultaneously enabling entirely new approaches to business. Life Insurance and Underwriting will be affected and this presentation explores these issues. Our traditional approaches will be influenced by developments in data science, mobile sensors, cryptography and the adoption of mobile devices. We will explore various developments that will most likely be a part of our industry's future, diving into some very specific examples.</p>
16:45 – 17:30 (Parallel session)	<p>IFRS17: Some practical and technical considerations – a panel discussion</p> <p>This session will feature a discussion of the challenges facing companies as they work to implement IFRS 17, both practical and technical, from how to get started to making decisions on methodological approaches and developing the IT infrastructure. The panel will consist of a number of industry experts, including from an accounting and technology background.</p>	<p>Cognitive Technology & the future of work (John Kilbride)</p> <p>A discussion of</p> <ul style="list-style-type: none"> The future of work – automation and the white collar economy Carbon vs Silicon – how will machines augment and support humans (or will they replace humans)? What is RPA and what are the use cases? What is cognitive technology and what are the use cases? How will the (actuarial) organisation be impacted and what will the effect be on roles, responsibilities and required capabilities? Lesson learnt from leading client engagements for getting started.



Speaker Biographies

Aisling Kennedy

Aisling is Head of Individual Health Pricing for Swiss Re for the UK & Ireland. She has been with Swiss Re for 5 years and has previously held diverse roles, mainly in the Irish market, with Mercer, VHI, Irish Life and as Director of Professional Affairs for the Society of Actuaries in Ireland. Aisling is also a former Council member of the Society and a former Chairman of the Society's Healthcare Committee. She currently serves as a member of the Health Committee of the Association of British Insurers

John Kilbride

John is a Director in Deloitte and has over 15 years' experience guiding Financial Services clients to define strategy, develop innovative products and services and deliver change to drive growth, profitability and achieve regulatory compliance.

Jordi Posthumus

Jordi is a Fellow of the Society of Actuaries in Ireland and of the Faculty of Actuaries. He first joined Hannover Re in 2002 and has worked in the US, Ireland, Germany, and Bermuda. He has been involved in various reinsurance transactions in over 7 different countries. His focus has always been life reinsurance pricing, with a special interest in developing novel risk selection techniques. Jordi has played a role in early work applying neural networks to insurance problems over a decade ago, and is currently working on using advanced analytical techniques to improve underwriting and pricing mortality risk.

Andrew Smith

Andrew moved to Dublin last year to take up a role as Assistant Professor of Statistics at University College, Dublin. He is an Honorary Fellow of the Institute of Actuaries and an Affiliate member of the Society of Actuaries in Ireland.

Until recently, he was an actuarial partner in a large consulting firm. He is well-known internationally for his ground-breaking client engagements and also published research over 30 years, applying stochastic models to problems in insurance, pensions and investments.