

**PROGRAMME OUTLINE:**

DAY 1 – MONDAY, 1 APRIL 2019	
13:00 – 19:00	Registration Open (Strelitzia Conservatory)
14:00 – 17:00	IAALS Board Meeting (Meeting Suite 1.54)
15:00 – 18:00	PBSS Board Meeting (Meeting Suite 1.55)
18:00 – 19:30	IACA / PBSS / IAALS Welcome Reception (Strelitzia / Jasminium) <b>18:00-18:05:</b> Welcome address by Peter Withey & Gabor

## PROGRAMME OUTLINE:

DAY 2 – TUESDAY, 2 APRIL 2019				
07:30 – 18:00	Registration Open (Strelitzia Conservatory)			
08:30 – 08:45	<b>Pensions (PBSS) Colloquium &amp; Seminar Opening Ceremony</b> 08:30-08:35: Welcome address by PBSS chair and local pension chair	<b>Life (IAALS) Opening Ceremony</b> 08:30-08:35: Welcome address by IAALS chair		
08:45 – 09:45	<b>Pensions (PBSS) Plenary – Keynote Speaker</b> (Emma Sadlier)	<b>Life (IAALS) Session 1</b> 08:45-09:15 56 - Future Actuary - Data scientist, coder, business leader, entrepreneur... (Louis Rossouw, South Africa)		
		09:15-09:45 15 - A Neural Network Extension of the Lee-Carter Model to Multiple Populations (Ronald Richman, South Africa)		
09:45 – 10:15	Refreshment Break			
10:15 – 11:45	<b>Pensions (PBSS) Session 1</b> 10:15-10:45 24 - A goals-based investment framework for defined-contribution retirement funds (Shaun Levitan, South Africa)	<b>Life (IAALS) Session 2</b> 10:15-11:00 92 - Impaired Lives Insurability: Dawn of a new era (Taurayi Chinowona, South Africa)	<b>IACA Opening plenary and Diversity seminar</b> 10:15-10:20- Welcome address by Cathy Lyn 10:20- 13:30 143-Diversity in the Actuarial Profession (Cathy Lyn, Jamaica, Marjorie Ngwenya, UK & Peter Withey, South Africa)	<b>ASTIN Workshop – Pricing</b> <ul style="list-style-type: none"> <li>Aggregate models</li> <li>Collective models</li> <li>Individual models</li> <li>Generalized linear models</li> <li>Long tailed lines of business</li> </ul> Lecturer: Axel Wolfstein
	10:45-11:15 44 - Operationalising Individualised Defined Contribution Investment Strategies (Brnic van Wyk, Australia)	11:00 -11:45 102 - Declining mortality improvements - the UK story (Aisling Kennedy, UK)		
	11:15-11:45 80 - NDC Schemes and Heterogeneity in Longevity: Proposals for Redesign (Jennifer Alonso-García, The Netherlands)			
11:45-12:00	Transition Time			
12:00 – 13:30	<b>Pensions (PBSS) Session 2</b> 12:00-12:30 62 - Minimum Pension and Longevity Risk: A Solution for Notional Defined Contribution Pension Schemes (Séverine Arnold, Switzerland)	<b>Life (IAALS) Session 3</b> 12:00-12:45- REMOTE 53 - PARS, Machine learning for valuation steering (Alexandre Allegrezza, Switzerland)		<b>ASTIN Workshop – Pricing</b> <ul style="list-style-type: none"> <li>Aggregate models</li> <li>Collective models</li> <li>Individual models</li> <li>Generalized linear models</li> <li>Long tailed lines of business</li> </ul> Lecturer: Axel Wolfstein
	12:30-13:00 65 - The way of the corporate pension design from the viewpoint of risk sharing among employees and employers in the longevity society (Yohei Noda, Japan)			

	<b>13:00-13:30</b> 131- Exploring the impact of behavioural science on the persistency and profitability of voluntary retirement savings in the retail sector. (Nathea Nicolay)	<b>12:45-13:30</b> 110 - Unleashing the force of Predictive Claims Analytics in Insurance (Shreya Seti, India)				
13:30 – 14:30	Lunch Break (Strelitzia / Jasminium)					
14:30 – 16:00	<b>Pensions (PBSS) Session 3</b> <b>14:30-15:00</b> 105 - Professionalising actuarial advice to Defined Contribution Arrangements (Costa Economou, South Africa) <b>15:00 – 16:00</b> Professionalism Case Studies presented by ASSA PMB Professionalism 2	<b>Life (IAALS) Session 4- REMOTE</b> <b>14:30-15:15</b> 27 -A Stochastic Investment Model for South African Use (Şule Şahin, UK) <b>15:15-16:00</b> 136- Projecting Longevity and Mortality Using Stochastic Models. (Marc Slutzky)	<b>Consulting (IACA) Session 2</b> <b>14:30-16:00</b> 137-United Nations Sustainable Development Goals (Marjorie Ngwenya, UK and Ken Buffin, USA)	<b>ASTIN Workshop – Reserving</b> <ul style="list-style-type: none"> <li>Development triangles</li> <li>Case reserves</li> <li>IBNR, IBNYR and IBNER</li> <li>Common deterministic methods (chain ladder, Borhnuetter-Ferguson, etc.)</li> <li>The need for stochastic methods</li> <li>The need for individual claims development</li> </ul> Lecturer: Roger Hayne	<b>IAAHS Board Meeting</b>	<b>ASTIN Board Meeting</b>
16:00 – 16:30	Refreshment Break (Strelitzia / Jasminium)					

16:30 – 18:00	<b>Pensions (PBSS) Session 4 &amp; Seminar Closing</b> <b>16:30-17:15</b> 130- De-Risking (Abraham Hernández, Portugal) <b>17:15-18:00</b> 34 - Defined Benefit Pension Plan Funding and the Role of Actuaries (Charles Cowling, UK) <b>18:00-18:05</b> - Closing remarks by Pensions chair	<b>Life (IAALS) Session 5</b> <b>16:30-17:15</b> 90 - African Economic Basis Survey (Morne de Vos, South Africa) <b>17:15-18:00</b> 98 - Practical Issues in Applying IFRS 17 in Developing Countries (Kyle Rudden, Trinidad & Tobago)	<b>Consulting (IACA) Session 3</b> <b>16:30 – 18:00- REMOTE</b> 144- Making our voice heard: A more prominent role for the Actuarial Profession in public policymaking. (Sherry Chan, New York (remote), Timothy Vieyra, South Africa, Lusani Mulaudzi, South Africa, Sharon Giffen, Canada, Barbara D'Ambrogio-Ola, Finland & Senator John Liu (remote)	<b>ASTIN Workshop – Reserving</b> <ul style="list-style-type: none"> <li>Development triangles</li> <li>Case reserves</li> <li>IBNR, IBNYR and IBNER</li> <li>Common deterministic methods (chain ladder, Borhnuetter-Ferguson, etc.)</li> <li>The need for stochastic methods</li> <li>The need for individual claims development</li> </ul> Lecturer: Roger Hayne	<b>ASTIN Board Meeting</b>
18:15 – 19:30	ASTIN / IAAHS Welcome Reception <b>18:15-18:20</b> - Welcome address by Peter Withey & Gabor				

## PROGRAMME OUTLINE:

DAY 3 – WEDNESDAY, 3 APRIL 2019					
07:30 – 18:00	Registration Open				
08:30 – 08:45	IAALS / ASTIN Opening Ceremony <b>08:30-08:35</b> Welcome address by Peter Withey & Gabor				
08:45 – 09:45	Joint Plenary Session – Keynote Speaker(Kuben Naidoo)				
09:45 – 10:15	Refreshment Break (Strelitzia / Jasminium)				
10:15 – 11:45	<b>Life (IAALS) Session 6</b>  <b>10:15-10:45</b> 71 - The Actuary at the Kraal (Zandile Gobe, South Africa)	<b>Pensions (PBSS) Session 5</b>  <b>10:15-10:45</b> 66 - Measuring Pension Plan Risk from an Economic Capital Perspective (Aniketh Pittea, UK)	<b>Health (IAAHS) Session 1</b>  <b>10:15-11:00</b> 18 - The modern actuary in healthcare – how can we help public healthcare systems under strain? (Tanya Hayward, UK; Lisa Morgan, Switzerland; & Alison Counihan, Dubai)	<b>Non-Life (ASTIN) Session 1</b>  <b>10:15-10:45</b> <b>Chair: Frank Cuypers</b> 2 - AI in Actuarial Science (Ronald Richman, South Africa)	<b>Non-Life (ASTIN) Session 2</b>  <b>10:15-10:45</b> <b>Chair: Agnieszka Izabelle Bergel</b>  28 - From the Chain Ladder to Individual Claims Reserving using Machine Learning techniques (Alessandro Carrato, Germany)

	<b>10:45-11:15</b> 70 - An Evaluation of Machine Learning Techniques On Class Imbalanced Data (Kwanda Sydwell Ngwenduna, South Africa & Rendani Mbuva, South Africa)	<b>10:45-11:15</b> 74 - Consideration on fairness among generations of "Risk Sharing Corporate Pension" in Japan (Satoshi Fukumoto, Japan)	<b>11:00-11:45</b> 115 - Pre-funding of Healthcare Benefits After Retirement (Ibrahim Muhanna, Lebanon)	<b>10:45-11:15</b> <b>Chair: Frank Cuypers</b> 20 - Unravelling black box machine learning technique predictions using biplots (Adriaan Rowan, South Africa)	<b>10:45-11:15</b> <b>Chair: Agnieszka Izabelle Bergel</b> 88 - Big Data Analytics as an opportunity for Fraud Management in the Insurance Sector (Joseph Gitonga, Kenya)
	<b>11:15-11:45</b> 57 - The Journey Through the Line (Bruce Robertson & Michael Prodehl, South Africa)	<b>11:15-11:45</b> 100 - Good and bad of the Automatic Balancing Mechanism of Japan's Public Pension Plans (Nobuhiro Shimizu, Japan)		<b>11:15-12:15</b> <b>ASTIN AGM</b>	<b>11:15-12:15</b> <b>Consulting (IACA) Session 4</b> Whistle Blowing – A Dilemma?
11:45 – 12:15		<b>PBSS AGM</b>	<b>IAAHS AGM</b>		
12:15 – 13:15	Lunch Break (Strelitzia / Jasminium)				
13:15 – 14:45	<b>Life (IAALS) Session 7</b>  <b>13:15-14:00</b> 25 - Can life insurance ethically justify the discrimination in underwriting in South Africa? (Andries Francois Marais, South Africa)	Life session  <b>13:00-15:00</b> IFRS 17 – REMOTE	Social Afternoon / Tour ASTIN / PBSS / IAAHS		
	<b>14:00-14:45</b> 124- Dynamic Risk Assessment (Andries Terblanche)				
14:45 – 15:15	Refreshment Break (Strelitiza / Jasminium)				
15:15 – 16:45	<b>Life (IAALS) Session 8 &amp; Seminar Closing</b>  <b>15:15-16:15</b> Professionalism Case studies presented by the ASSA PMB.				



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	<b>16:15-16:45</b> 149- Capital Management and Value Creation (Herman Kalmer)		
	<b>16:45-16:50</b> - Closing remarks by Life chair		
17:30 – 18:00	<b>IAALS AGM</b>		
19:30 – late	Gala Dinner for all sections GOLD Restaurant		

## PROGRAMME OUTLINE:

DAY 4 – THURSDAY, 4 APRIL 2019					
07:30 – 18:00	Registration Open (Strelitzia Conservatory)				
08:30 – 08:45	<b>Non-Life (ASTIN) – Seminar Opening</b> 08:30-08:35 Chair: Frank Cuypers Welcome address by Jaco van der Merwe	<b>Life (IAALS) Session 9</b>	<b>Health (IAAHS) Session 2</b>	<b>Pensions (PBSS) Session 6</b>	<b>Pensions (PBSS) Session 7</b>
08:45 – 09:45	<b>Non-Life (ASTIN) – Plenary Session</b> Chair: Frank Cuypers Keynote Speaker - Arthur Goldstuck	<b>08:45-09:15</b> 3 - Life reserving portfolio by using mixed-Methods (Balde Alpha Mamoudou, Guinea)	<b>08:45-09:45</b> 29 – Role of the Health Care Actuary – Panel Discussion (Adrian Baskir – UK)	<b>08:45-09:45</b> 11 - Actuaries & Market Conduct: A retrospective and prospective view (Peter Johnstone, South Africa)	<b>08:45-09:15</b> 49 - Investigation of Pension Buy-out Price in a Markovian Setting (Ayse Arik, UK)
		<b>09:15-09:45</b> 39 - Forward transition rates (Mogens Steffensen, Denmark)			<b>09:15-09:45</b> 82 - Solvency Analysis of Deferred Annuities (Khadija Gasimova, UK)
09:45 – 10:15	Refreshment Break (Strelitzia / Jasminium)				



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10:15 – 11:45	Non-Life (ASTIN) Session 3 Chair: Michiel Van Der Wardt	Life (IAALS) Session 10	Health (IAAHS) Session 3	Pensions (PBSS) Session 8	Pensions (PBSS) Session 9
	<b>10:15-10:45</b> 7 - A Fuzzy Least Squares Estimation of a Hybrid log-Poisson Regression and its Goodness of Fit for Loss Reserves in Insurance (Woundjiague Apollinaire, Kenya)	<b>10:15-10:45</b> 50- The Actuary's Duty to the Public Interest (Simon Louw, South Africa)	<b>10:15-11:00</b> 30 – Anti-selection in Health Insurance (Roseanne Harris, SA)	<b>10:15-10:45</b> 47 - Pension, Benefits and Social Security Scenario in Bangladesh (M. Ahsanul Haq, Bangladesh)	<b>10:15-10:45</b> 17 - A new notional defined contribution system for public pension schemes based on risk sharing (Hélène Morsomme, Belgium)
	<b>10:45-11:15</b> 9 - Impact of an aggregation tree over the skewness of the final risk distribution (Eric Dal Moro, Switzerland)	<b>10:45-11:15</b> 109 - Machine Learning for Experience Studies in Life Insurance (Shreya Seti, EY)	<b>11:00-11:45</b> 95 - Impact of improved lifestyle on management of chronic disease - can Type 2 Diabetes Mellitus be reversed? (Sarah Bennett – SA)	<b>10:45-11:15</b> 48 - A new proposal for the secondary pension in Greece (Georgios Symeonidis, Greece)	<b>10:45-11:15</b> 23 - The Importance of Internal Actuarial Governance (Edmond Vigoureux, South Africa)
	<b>11:15-11:45</b> 122- ASTIN WP on Implications of IFRS on Non-Life Insurers, Products and Markets (Karl Meissner-Roloff, South Africa)	<b>11:15-11:45</b> 121 - Generalized Binomial Estimator: a bridge between Actuarial Science and Data Science (Romain Meridoux, France)		<b>11:15-11:45</b> 85 - An Analysis of Solvency and Sustainability of the United States Social Security System (Kenneth Buffin, United States of America)	<b>11:15-11:45</b> 114 - The Modern Actuary and Self-Regulation of the Professions: The US Model (Cecil Bykerk, United States of America)
11:45-12:00	Transition Time				



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12:00 – 13:30	<b>Non-Life (ASTIN) Session 4</b> Chair: Kirsten Sasady		<b>Life (IAALS) Session 12</b>	<b>Consulting (IACA) Session 5</b>	<b>Health (IAAHS) Session 4</b>	<b>Pensions (PBSS) Session 10</b>	<b>Pensions (PBSS) Session 11</b>
	<b>12:00-12:30</b> 13 - Predictive analytics of insurance claims using multivariate decision trees (Emiliano Valdez, United States of America)		<b>12:00-12:45</b> Non-Life and Life 64- Growing Insurance Challenges Emerging Markets with a focus on Africa (Jaco van der Merwe, South Africa)	<b>12:00 – 13:30</b> 145- Essence of Communication – Honing consulting skills (Caroline Gregoire, Germany, Nigel Sloam, UK & Vincent Heys, Canada)	<b>12:00-12:45</b> 135- Aligning incentives: value-based purchasing of primary care (Shivani Ranchod, Yageshree Moodley & Kelly Chennells)	<b>12:00-12:30</b> 96 - Pension System in Algeria : a way of reform (Farid Flici, Algeria)	<b>12:00-12:30</b> 72 - Mortality by socio-economic class and its impact on the retirement schemes: How to render the systems fairer? (Anca Jijiie, Switzerland)
	<b>12:30-13:00</b> 21 - Modeling risks with cellular automata (Frank Cuypers, Switzerland)		<b>12:45-13:30</b> 84 - Capital Optimisation for Shareholder Value Generation (Idelia Hoberg, South Africa)		<b>12:45-13:30</b> 140- Population Health Management - an international perspective (Kevin Manning, Ireland)	<b>12:30-13:00</b> 106 - Spanish CDC models, is it the solution to DC and DB problems? (Ignacio Del Barco, Spain)	<b>12:30-13:00</b> 76 - How does a fixed career length affect pensions? An analysis per socioeconomic groups (Carmen Boado Penas,UK)
	<b>13:00-13:30</b> 69 - Estimation of foreseeable and unforeseeable risks in motor insurance (Alfredo Egidio dos Reis, Portugal)					<b>13:00-13:30</b> 38 - Theoretical Replacement Rates And Injured Workers in Italy (Raffaello Marcelloni, Italy)	<b>13:00-13:30</b> 51 - Is the pension system relevant to the migration decision? A study of the Brazilian workers moving to Spain or to Portugal (Luís Eduardo Afonso, Brasil)
13:30 – 14:30	Lunch Break (Strelitzia / Jasminium)						
14:30 – 16:00	<b>Non-Life (ASTIN) Session 5</b> Chair: Pierre Mieke	<b>Non-Life (ASTIN) Session 6</b> Chair: Roger Hayne	<b>Pensions (PBSS) Session 12</b>	<b>Health (IAAHS) Session 13</b>	<b>Health (IAAHS) Session 5</b>	<b>Life (IAALS) afternoon social (tours)</b>	
	<b>14:30-15:00</b> 19 - The Use of Big Data and the Role of Actuaries in Inclusive Insurance Markets (Cristina Mano, Brazil)	<b>14:30-15:00</b> 113- One in a million – Operating as an actuary in a unique market(Mukami Njeru, Kenya)	<b>14:30-15:00</b>	<b>14:30-15:15</b> 139- Late joiner penalties as stipulated in the Medical Schemes Act (MSA) – how should these be structured? (Charlton Murove)	<b>14:30-15:15</b>		

	<p><b>15:00-15:30</b> 52 - A tractable method for unravelling and modelling unobservable or complex dependence drivers (with granular data) (Benjamin Avanzi, Australia)</p> <p><b>15:30-16:00</b> 125- Dynamic and granular loss modeling embracing dependencies (Michal Pesta)</p>	<p><b>15:00-15:30-</b></p> <p><b>15:30-16:00</b></p>	<p><b>15:00-15:30</b> 54 - Dynamic pricing of disability risk using credibility theory: application in a life insurance company (Jimmy Paul, Norway)</p> <p><b>15:30-16:00</b> 73 - Desirable structure of DC Governance in Japan (Bui Nagashima, Japan)</p>	<p><b>15:15-16:00</b> 141- How actuaries can support Public Sector Health Schemes and contribute towards Universal Health Coverage. (Lisa Morgan, Switzerland)</p>	<p><b>15:15-16:00</b> The effect of incentives on physical activity – a behaviour change study (Roseanne- TBC)</p>	
16:00 – 16:30	Refreshment Break (Strelitzia / Jasminium)					
16:30 – 18:00	<p><b>Non-Life (ASTIN)</b> Chair: Agnieszka Izabelle Bergel</p>	<p><b>Pensions (PBSS) Session 13 &amp; Closing</b></p>	<p><b>IACA session &amp; Seminar Closing</b></p>	<p><b>Health (IAAHS) Session 6</b></p>	<p><b>Health (IAAHS) Session 6</b></p>	
	<p><b>16:30-17:30</b> <b>Professionalism</b></p>	<p><b>16:30-17:15</b> 33 - Mitigating the global pension crisis: a compilation of actuarial innovative ideas (Abraham Hernández, Portugal)</p>	<p><b>16:30-18:00-REMOTE</b> 142- Addressing nutrition, climate change and developing economies simultaneously. (Cathy Lyn, Jamaica, Michael McLaughlin, USA (remote), Mary McLaughlin, USA (remote)&amp; Shubhash Gosine, Jamaica (remote)</p>	<p><b>16:30-17:15</b> 16 - The financial impact of new private hospitals on the privately insured South African population. (Shirley Collie &amp; Jared Champion)</p>	<p><b>16:30-17:15-</b> 145-Essence of Communication – Honing consulting skills (Caroline Gregoire, Tim Vieyra, Vincent Heys)</p>	
	<p><b>17:30-18:00</b> - Closing remarks by Jaco van der Merwe</p>	<p><b>17:15-18:00</b> 32 - Global Pension Solutions for Globetrotters (Carl Hansen, Geurnsey)</p>				





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		<p><b>18:00- 18:15</b>          Closing remarks by Pension chair</p>	<p><b>17:15-18:00</b>          123- Automating Reserving for optimal model selection. (Hannes van Rensburg)</p>	<p><b>17:15-18:00</b>          22 - Becoming “the modern actuary”: the usefulness of humanities and social sciences to develop critical thinking (Christian Walter, France)</p>	
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## PROGRAMME OUTLINE:

DAY 5 – FRIDAY, 5 APRIL 2019				
07:30 – 18:00	Registration Open (Strelitzia Conservatory)			
08:30 – 08:45	<b>Health (IAAHS) Session 6 &amp; Seminar Opening</b> 08:30-08:35- Welcome address by Local & Health chair	<b>Non-Life (ASTIN) Session 8</b> Chair: Eric Dal Moro		<b>ASTIN Workshop – Solvency 08:30-12:30</b> <ul style="list-style-type: none"> <li>Economic balance sheet</li> <li>Measures of risk</li> <li>Available risk capital</li> <li>Required capital</li> <li>Capital allocation and portfolio optimization</li> </ul> Lecturer: Frank Cuypers
08:45 – 09:45	<b>Health (IAAHS) Seminar –Keynote Speaker</b> – Bruce Fordyce	08:45-09:15 10 - A Quasi Risk Factor Dependency Model for Non-Life Insurance Portfolios (Alessandro Ferriero, Switzerland)		
		09:15-09:45 99 - Aggregation and Risk Measurement for a Portfolio of Exchangeable Bernoulli Risks, assuming Dependence Uncertainty (Etienne Marceau, Canada)		
09:45 – 10:15	Refreshment Break (Strelitzia / Jasminium)			
10:15 – 11:45	<b>Health (IAAHS) Session 7</b>	<b>Non-Life (ASTIN) Session 10</b> Chair: Agnieszka Izabelle Bergel	<b>Consulting (IACA) Session 6</b>	<b>ASTIN Workshop – Solvency</b> <ul style="list-style-type: none"> <li>Economic balance sheet</li> <li>Measures of risk</li> <li>Available risk capital</li> <li>Required capital</li> <li>Capital allocation and portfolio optimization</li> </ul> Lecturer: Frank Cuypers
	10:15-11:00 127 - Health reform options for South Africa (Barry Childs, SA)	10:15-10:45 79 - Multivariate claim frequencies modelling in P&C insurance using multiple guarantees and multiple policyholders from the same household (Florian Pechon, Belgium)	10:15-11:00 147- Actuaries and Affordable Housing in Africa. (Johan Human, South Africa)	
	11:00-11:45 46 - International PMI vs Domestic PMI (Anne Hung, UK)	10:45-11:15 87 - On The Necessity And Nature Of Standardising When Using Shrinkage Methods (Stefan W. Wetzel, Germany)	11:00-11:45 Actuaries and Cyber Security	
		11:15-11:45 -REMOTE 101- Impact assessment of the methodological change on rate of return calculus for Natural Gas downstream in Mexico (Brenda Martinez, Mexico)		
11:45-12:00	Transition Time			
12:00 – 13:30	<b>Health (IAAHS) Session 8</b>	<b>Non-Life (ASTIN) Session 11</b> Chair: Pierre Mieke	<b>Consulting (IACA) Session 7</b>	
	12:00-13:00 Professionalism case studies presented by the ASSA PMB	12:00-12:30 63 - The Genesis of Storm Clustering: What Impact on Reinsurance Treaties Hours Clause? (Vincent Noel & Marc Bagarry, France)	12:00- 13:30 148- The culture and purpose of The Modern Actuary. (Nyahsa Mapolisa, South Africa, Timothy Vieyra, South Africa, Kyle Rudden, Trinidad, Doug Carey, USA, Sam Gutterman, USA & Richard Galbraith, UK)	
	13:00-13:30 107 – The actuary in the courts (Ignacio Del Barco, Spain)	13:00-13:30		
13:30 – 14:30	Lunch Break (Strelitzia / Jasminium)			
14:30 – 16:00	<b>Health (IAAHS) Session 9</b>	<b>Non-Life (ASTIN) Session 12</b> Chair: Roger Hayne	<b>Non-Life (ASTIN) Session 13</b> Chair: Emiliano Valdez	<b>ASTIN Workshop – Reinsurance 14:30-16:30</b> <ul style="list-style-type: none"> <li>Why reinsurance</li> <li>Basic forms of reinsurance (quota share, surplus, stop loss, excess of loss)</li> </ul>
	14:30-15:15	14:30-15:00 104 - A Quantile Mixing Approach for the Combination of Experts'	14:30-15:30	



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	133 - Internet of Medical Things (IoMT) & Health Care (Ashleigh Theophanides, SA)	Models (Thierry COHIGNAC & Nabil Kazi-tani, France)	58- A Standardized Machine Learning based approach to Conversion Rate Estimation (Vittorio Magatti, Italy)	<ul style="list-style-type: none"> <li>• Elements of pricing</li> <li>• Long tailed lines of business</li> <li>• Alternative risk transfer</li> </ul> Lecturers: Éric Dal Moro & Eberhard Müller
	<b>15:15-16:00</b> Simon Henderson	<b>15:00-15:30</b> 119 - Managing Insurance Capital Standards with Limit Systems (Klaus-peter Nischke, Germany)		
		<b>15:30-16:00</b> 116 - Scenario Testing for Flatrated Fleets during the yearly price adjustment process - a practical example (Michael Klamser, Germany)	<b>15:30-16:00</b> 138- Credit default correlation modelling. Historic vs. Asset return calibration. (Peter Middelkamp & Marius Costeniuc)	
16:00 – 16:30	Refreshment Break (Strelitzia / Jasminium)			
16:30 – 18:00	<b>Health (IAAHS) Session 10 &amp; Closing</b>	<b>Non-Life (ASTIN) Session 13 &amp; Closing</b> Chair: Emiliano Valdez	<b>Consulting (IACA) Session 8 &amp; Closing</b>	<b>ASTIN Workshop – Reinsurance</b>
	<b>16:30-17:15</b> 134- Health Insurance across Africa: Not for the faint of heart (Warren Daly)	<b>16:30-17:15</b>	<b>16:30-18:00</b> 146- Set up and operating a new consultancy. (Nigel Sloam, UK, Kyle Rudden, Trinidad, Cathy Lyn, Jamaica & Ibrahim Muhanna )	<ul style="list-style-type: none"> <li>• Why reinsurance</li> <li>• Basic forms of reinsurance (quota share, surplus, stop loss, excess of loss)</li> <li>• Elements of pricing</li> <li>• Long tailed lines of business</li> <li>• Alternative risk transfer</li> </ul> Lecturers: Éric Dal Moro & Eberhard Müller
	<b>17:15-17:20</b> - Closing remarks by IAAHS chair	<b>17:30 – 17:35</b> - Closing remarks by ASTIN chair		