

08:00 AM – 09:00 AM REGISTRATION AND REFRESHMENTS Exhibition Halls 1 and 2			
09:00 AM – 10:00 AM OPENING PLENARY Auditorium 1 Alain Peddle, Deputy CEO, Ping An Health			
10:00 AM – 10:10 AM TRANSFER TIME			
10:10 AM – 11:25 AM Concurrent Sessions			Level of knowledge
Auditorium 1	DATA ANALYTICS Chair – Anton Gerber Sponsors – Anton Gerber, Matt Zylstra	THE BOTS ARE HERE! ANALYTICS AND AUTOMATION IN LIFE INSURANCE PRICING: <i>Louis Rossouw</i> AUGMENTED REALITY INSURANCE: <i>Adriaan Rowan, Alex Conway</i>	Foundational
Ballroom East	LIFE INSURANCE Chair – Sinenhlahla Nzama Sponsors – Jason Cooper-Williams, Deon Booysen	IFRS 17: GETTING TO GRIPS WITH PROFIT AND REVENUE <i>Jacques Kritzinger, Christiaan Nel, Carolyn Clarke, Emce van Zyl</i> REINSURANCE IN THE IFRS17 OPERATING ENVIRONMENT <i>Michael Meerkotter, Theuns Botha</i>	Foundational & Intermediate
Ballroom West	HEALTHCARE Chair – Thandi Mcizana Sponsor – Barry Childs	HOW MUCH IS ENOUGH: BRINGING ACTUARIAL MODELLING TO BEAR ON MEDICAL SPECIALIST PLANNING IN A CHANGING WORLD <i>Shivani Ranchod, Dave Strugnell</i>	Foundational
Meeting Room 1.4	RETIREMENT MATTERS Chair – Malusi Ndlovu Sponsor – Grant Base	IN FUND LIVING ANNUITIES: ISSUES TO CONSIDER WHEN RETIREMENT FUNDS IMPLEMENT IN FUND ANNUITY STRATEGIES AND THE EXPERIENCE AND LEARNINGS TO DATE: <i>David Gluckman, Danie van Zyl</i>	Intermediate
Meeting Room 1.6	BANKING Chair and Sponsor – Motlatsi Mutlanyane	CLOUD-BASED MANAGED SERVICES IN BANKING AND AN IFRS 9 CASE STUDY: <i>Matthew Walker</i>	Foundational
Meeting Room 2.4	TRANSFORMATION	DIVERSITY AND INCLUSION: <i>Nene Molefi</i>	Foundational
Exhibition Hall	SHORT-TERM INSURANCE Sponsor – Carolyn Thompson	OPENSOURCE GEOCODING TOOLS AND DATASETS: <i>Clive Hogarth</i>	Foundational & Intermediate
11:25 AM – 12:40 PM LUNCH AND EXHIBITION Exhibition Hall			
12:40 PM – 01:40 PM Concurrent Sessions			Level of knowledge
Auditorium 1	ALL Chair – Marcé Marx	ENTREPRENEURIAL SESSION <i>Schalk Malan, Shivani Ranchod, Mbulelo Mpofana</i>	All
Ballroom East	LIFE INSURANCE Chair – Peter Tripe Sponsor – Peter Withey	EV IS DEAD, LONG LIVE EV? <i>Gert van den Berg, Riaan van Reenen, Musa Malwandla</i>	Intermediate
Ballroom West	EDUCATION Chair – Roseanne Harris	SLAYING THE DRAGON: IMPROVING COMPANY AND INDIVIDUAL RETURNS ON INVESTMENTS IN ACTUARIAL EDUCATION <i>Mike McDougall</i>	Intermediate
Meeting Room 1.4	INVESTMENTS Chair and Sponsor – Louis van As	A FORMULATION OF ECOLOGICAL VALUE ADDED <i>Rob Thomson</i>	Foundational
Meeting Room 1.6	SHORT-TERM INSURANCE Chair – Hantie van Heerden	GROWING INSURANCE AND CHALLENGES IN EMERGING MARKETS <i>Jaco van der Merwe, Jean Gerin</i>	Intermediate
Meeting Room 2.4	TRANSFORMATION	DIVERSITY AND INCLUSION: <i>Nene Molefi</i>	Foundational
Exhibition Hall	RETIREMENT MATTERS Chair and Sponsor – Stephen Walker	A PROJECTION OF THE SA GOVERNMENT'S SOCIAL SECURITY OBLIGATIONS: 2017-2037 <i>Natalie van Zyl, William Melville, Dewald Muller</i>	Foundational & Intermediate
01:40 PM – 02:15 PM REFRESHMENT BREAK AND EXHIBITION Exhibition Hall			
02:15 PM – 03:15 PM Concurrent Sessions			Level of knowledge
Auditorium 1	LIFE INSURANCE Chair – Fhatuwani Nemakhavhani Sponsor – Andy Rayner	AN INVESTIGATION OF THE HIERARCHY OF SIMPLIFICATIONS FOR RISK MARGINS IN THE SOLVENCY ASSESSMENT AND MANAGEMENT FRAMEWORK: <i>Peter Carswell, Ross Farnaby, Nikhara Nirghin</i>	Intermediate
Ballroom East	ALL	AN OVERVIEW OF DEMOGRAPHY IN THE BUSINESS SECTOR IN THE PURSUIT OF IMPROVED NATIONAL INTERESTS: <i>Diego Iturralde</i>	All
Ballroom West	SHORT-TERM INSURANCE Chair and Sponsor – Louis Rossouw	MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE: TIPS AND TRAPS FOR INSURANCE PRICING AND BEYOND: <i>Lukas Ehlers, Karl Meissner-Roloff</i>	Foundational
Meeting Room 1.4	HEALTHCARE Chair – Matt Zylstra Sponsor – Warren Daly	TESTING MEAN REVERSION CHARACTERISTICS OF DOCTOR EFFICIENCY MEASUREMENT: <i>Matan Abraham</i>	Intermediate
Meeting Room 1.6	PROFESSIONAL MATTERS Chair – Sinethemba Mbana Sponsor – Mickey Lowther	IS THERE ROOM FOR ACTUARIES IN PUBLIC POLICY? <i>Lusani Mulaudzi</i>	All
Meeting Room 2.4	TRANSFORMATION	DIVERSITY AND INCLUSION: <i>Nene Molefi</i>	Foundational
03:15 PM – 03:25 PM TRANSFER TIME			
03:25 PM – 04:25 PM CLOSING PLENARY Auditorium 1 Jeremy Gardiner, Director, Investec			
04:25 PM – 06:30 PM AT LEISURE AND TRAVEL TO VENUE			
07:00 PM – 11:00 PM SOCIAL: COCKTAILS AND DINNER Shimmy Beach Club			

PROGRAMME: Thursday, 25 October 2018

PAPER

P

WORKSHOP

W

P

P

W

W

P

W

W

W

W

08:00 AM – 09:00 AM REGISTRATION AND REFRESHMENTS Exhibition Halls 1 and 2			
09:00 AM – 09:50 AM PRESIDENT'S ADDRESS Auditorium 1 Peter Withey, President, Actuarial Society of South Africa			
09:50 AM – 10:00 AM TRANSFER TIME			
10:00 AM – 11:15 AM Concurrent Sessions			Level of knowledge
Auditorium 1	LIFE INSURANCE Chair – Morné de Vos Sponsors – Nicolette Patchett, Wikus Lius	THE RIPPLE EFFECT OF SOLVENCY II: 2 YEARS IN <i>Colin Dutkiewicz</i> CAPITAL MANAGEMENT FOR SHAREHOLDER VALUE <i>Idelia Hoberg</i>	Foundational & Intermediate
Ballroom East	SHORT-TERM INSURANCE Chair – Karl Meissner-Roloff Sponsors – Karl Meissner-Roloff, Ronald Richman	POWER, INCENTIVES, AND IGNORANCE: THE THREE HORSEMEN OF THE INSURANCE APOCALYPSE?: <i>Sumarie Greybe, Alex Thomson</i> DRIVERLESS VEHICLES: HOW THEY WORK AND HOW THEY WILL BE PRICED: <i>Sarvesh Maharaj, Lukas Ehlers</i>	Foundational
Ballroom West	RETIREMENT MATTERS AND INVESTMENTS Chair – Twané Wessels Sponsors – Shaun Levitan, Twané Wessels	CONSTRUCTING OPTIMAL INVESTMENT STRATEGIES FOR RETIREMENT INCOME BY COMPARING THE BLENDING OF DEFERRED AND IMMEDIATE ANNUITIES WITH TRADITIONAL ASSET CLASSES: <i>John Anderson</i> WHAT DO YOU WANT? MANAGING RISKS FOR BETTER OUTCOMES WHEN YOU RETIRE: <i>Warren Matthyssen</i>	Intermediate
Meeting Room 1.4	MICROINSURANCE: Chair – David Kirk Sponsor – Stephen Burgess	ACTUARIES AND MICROINSURANCE: PROFESSIONALISM, FINANCIAL SOUNDNESS AND VALUE TO CUSTOMERS <i>Janice Angove, William Melville, Seth Eshun</i>	Foundational & Intermediate
Meeting Room 1.6	DAMAGES Chair and Sponsor – Wim Loots	THE LIFE ESIDIMENI ARBITRATION AND THE ACTUARIAL QUANTIFICATION OF CONSTITUTIONAL DAMAGES <i>Gregory Whittaker</i>	Intermediate
Meeting Room 2.4	TRANSFORMATION	DIVERSITY AND INCLUSION: <i>Nene Molefi</i>	Foundational
Exhibition Hall	DATA ANALYTICS Chair – Adriaan Rowan	MACHINE LEARNING ACTUARIES: <i>Louis Rossouw</i>	Foundational
11:15 AM – 11:45 AM REFRESHMENT BREAK AND EXHIBITION Exhibition Hall			
11:45 AM – 12:45 PM Concurrent Sessions			Level of knowledge
Auditorium 1	TRANSFORMATION Chair and Facilitator – Karabo Morule	ASABA ACTUARIES IN DIALOGUE: SOLUTIONS FOR MUNICIPALITY CRISIS: <i>Minister Zwelini Mkhize, Shivani Ranchoo, Themba Gamedze</i>	Foundational
Ballroom East	WIDER FIELDS Chair and Sponsor – Evelyn Olwagen	INSURTECH HYPE: TECHNOLOGY IS NOT THREATENING YOUR WORKFORCE. POOR LEADERSHIP IS <i>Dimitri Anagnostopoulos</i>	Foundational
Ballroom West	ERM Chair – Sure Mataramvura	BEYOND THE HYPE: A RISK MANAGEMENT FRAMEWORK FOR INSURANCE FIRMS IN THE ERA OF GRAND TECHNOLOGICAL PROMISES <i>Shasmi Choudree, Ope Bobade</i>	Foundational
Meeting Room 1.4	PROFESSIONAL MATTERS Chair – Tanya van Niekerk	WHAT IS FAIR AND WHO GETS TO DECIDE?: <i>David Kirk</i>	Foundational & Intermediate
Meeting Room 1.6	SHORT-TERM INSURANCE Chair – Catherine Wroblewski	AI IN ACTUARIAL SCIENCE: <i>Ronald Richman</i>	Intermediate
Meeting Room 2.4	TRANSFORMATION	DIVERSITY AND INCLUSION: <i>Nene Molefi</i>	Foundational
Exhibition Hall	RETIREMENT MATTERS Chair – Guy Chennells Sponsor – Stephen Walker	A PROJECTION OF THE SA GOVERNMENT'S SOCIAL SECURITY OBLIGATIONS: 2017-2037 <i>Natalie van Zyl, William Melville, Dewald Muller</i>	Foundational & Intermediate
12:45 PM – 01:45 PM LUNCH AND EXHIBITION Exhibition Hall			
01:45 PM – 02:45 PM Concurrent Sessions			Level of knowledge
Auditorium 1	LIFE INSURANCE Chair – Nicolette Patchett	HOW TO TALK ABOUT TARGET CAPITAL LEVELS: <i>David Kirk</i>	Foundational
Ballroom East	DATA ANALYTICS Chair and Sponsor – Ashleigh Theophanides	PRACTICAL DATA SCIENCE USE CASES IN THE 4TH INDUSTRIAL REVOLUTION: <i>Stefan Steffen</i>	Foundational & Intermediate
Ballroom West	FINTECH STARTUPS Chair – Anton Kleingeld Facilitators – Philip Kiracofe and Zachariah George	FINTECH SPOTLIGHT FEATURING STARTUPBOOTCAMP AFRITECH	Foundational
Meeting Room 1.4	WIDER FIELDS Sponsor – Michael Jordan	BITCOIN DECRYPTED: WHAT DOES IT MEAN FOR FINANCIAL SERVICES? <i>Imran Lorgat</i>	Foundational & Intermediate
Meeting Room 1.6	INVESTMENTS Chair and Sponsor – Darryl Moodley	MEZZANINE DEBT: IS THIS SANDWICH REALLY A FREE LUNCH? <i>Chris Siriram</i>	Intermediate
Meeting Room 2.4	TRANSFORMATION	DIVERSITY AND INCLUSION: <i>Nene Molefi</i>	Foundational
Exhibition Hall	SHORT-TERM INSURANCE Sponsor – Carolyn Thompson	OPENSOURCE GEOCODING TOOLS AND DATASETS: <i>Clive Hogarth</i>	Foundational & Intermediate
02:45 PM – 02:55 PM TRANSFER TIME			
02:55 PM – 03:55 PM CLOSING PLENARY Auditorium 1 Professor Thuli Madonsela, Chair in Social Justice, Law Faculty, Stellenbosch University			
04:00 PM – 06:00 PM SOCIAL: LINGER LONGER Auditorium 1 Foyer			