

## Thursday

6:00pm	Drinks and nibbles in the Kobe Restaurant
7:00pm	Dinner in the Clubhouse Restaurant

## Friday

From 6:30am	Breakfast in the Millhouse Restaurant
8:30am - 10:00am	Session 1: Strategy and Innovation Millhouse Conference Centre
10:00am	Morning tea
10:30am - 12:00pm	Session 2: Artificial Intelligence Millhouse Conference Centre
12:15pm - 1:45pm	Lunch in the Clubhouse Restaurant
2:00pm - 3:30pm	Session 3: Millennials Millhouse Conference Centre
3:30pm	Afternoon tea
4:00pm - 5:30pm	Session 4: Geopolitics Millhouse Conference Centre
6:30pm	Depart for dinner from Millbrook Reception
7:00pm	Dinner at Gantleys Restaurant

## Saturday

From 6:30am	Breakfast Clubhouse Restaurant
8:30am - 10:00am	Session 5: Climate Change Millhouse Conference Centre
10.00am	Morning tea
10:30am - 12:00pm	Session 6: Global Economics Millhouse Conference Centre
12:15pm - 1:30pm	Lunch in the Clubhouse Restaurant

For more information contact  
our conference coordinator:

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THE HUGO GROUP

## The climate is changing – what now?

Arctic summer pack ice is disappearing 50 years ahead of schedule. In the last few weeks, rain in normally super-dry parts of Antarctica has been observed.

That the planet is warming is no longer in doubt, even if the ultimate cause remains a political football. Most nations remain committed to taking action on climate change, albeit the exact timing and nature of those actions will take years to determine and their impacts remain unpredictable. Can mitigating action be taken fast enough to have a real impact? What will be the climate change legacy issues inherited by future generations? What does the path to implementation of the 2015 Paris Accord look like and how will it affect business decision-making?

Dave Frame puts the extreme views of climate in perspective and sets out what would really make a difference to climate change.

### Professor David Frame

Dave Frame is Professor of Climate Change and the Director of the Climate Change Research Institute (CCRI) at Victoria University. He has a background in physics, philosophy and policy with substantial research experience in climate modelling and has published in the world's leading scientific journals.

Prior to joining CCRI Dave had an extensive international career in climate science.

Saturday 8:30am - 10:00am | Session 5

## Global economics

In the wake of the financial crisis, economic policy-makers in developed economies – with the notable exception of New Zealand – have relied heavily on monetary rather than fiscal measures. Unorthodox countercyclical policies such as quantitative easing have endured far longer than initially anticipated. While growth and employment have generally resumed, workers' real earnings have been growing very slowly in developed economies.

Productivity growth remains sluggish and, in many parts of Europe, unemployment remains high, particularly among the young people. The US has seen a marked slump in labour participation rates.

While China helped cushion the blow of the GFC, that influence is fading and there is no new emerging market game-changer. Many other emerging markets are undergoing a traumatic adjustment to the end of a commodities super-cycle that underpinned much of their growth so far this century.

What does this all mean for New Zealand?

### Adrian Orr

Adrian Orr has been Chief Executive at the NZ Superannuation Fund since February 2007. Previously, he has been a Deputy Governor of the Reserve Bank of NZ, the Chief Economist at two trading banks. He has worked at both the Treasury and the OECD in Paris. He is Chair of the International Forum of Sovereign Wealth Funds and a Board member of the Pacific Pension Institute.

Saturday 10:30am - 12:00pm | Session 6

### Retreat Insurgent – Dave Snowden

Founder & Chief Scientific Officer, Cognitive Edge

Dave Snowden works with governments and industry looking at complex issues relating to strategy and organisational decision making. He pioneered a science-based approach to organisations, drawing on anthropology, neuroscience and complex adaptive systems theory.

Saturday 12:15pm | Lunch

## CEO Retreat

24 - 26 August 2017  
Millbrook Resort



OPEN  
OR  
CLOSED



## Linking foresight, strategy and innovation

Developing a cohesive, actionable view of the future is becoming more challenging for business leaders, thanks to an increasingly complex range of new influences on the social, political and commercial environments in which they must operate. Disruptive technologies and innovations in areas as diverse as Artificial Intelligence and driverless cars collide with urgent real world challenges ranging from climate change through to global power shifts. In this session Roger uses divergent and disparate information sources to make the linkages and help bring clarity to this increasingly disorderly, unpredictable future environment.

Drawing these threads together to weave a picture of a very different world in twenty years, Roger creates a context for our understanding and for the other five ‘deep dive’ Retreat sessions.

### Roger Dennis

Roger Dennis works on the continuum between foresight, strategy and innovation. He co-led the Shell Technology Futures programme for the GameChanger team, a core team for Future Agenda – the world’s largest foresight programme – and has worked across a range of industries. His thinking has been referenced in numerous publications including the FT and Scientific America. Roger is a frequent speaker at events around the world including the 2015 Nobel Laureate Symposium in Hong Kong.

**Friday 8:30am – 10:00am | Session 1**

## Humanising AI – the interface between people and machines

Mark Sagar has invented a virtual nervous system that powers autonomous animated avatars like Baby X – a virtual infant that learns through experience and can “feel” emotions. At the cutting edge of global AI developments, Mark is working on the deepest aspect of the technology – biologically inspired cognitive architectures. At its core are virtual neurotransmitters that can simulate human hormones that regulate mood and emotion, including dopamine, serotonin and oxytocin.

Baby X is an emotionally intelligent virtual agent – and a digital simulation of an infant – which reacts to the person it’s communicating with via facial expressions and words in real time. And now there is Nadia, the emotionally responsive avatar that can speak, write and chat on line. Mark will share this leading edge digital innovation as we explore ‘what next?’ in AI.

### Mark Sagar

Two time Academy Award winner Mark Sagar is the CEO/Co-founder of Soul Machines and the director of the Laboratory for Animate Technologies at the Auckland Bioengineering Institute. Mark’s work is pioneering new, more human-like ways in AI technology by combining biologically based models of faces and neural networks to create live interactive systems.

**Friday 10:30am - 12:00pm | Session 2**

## The hitchhiker’s guide to millennials

Millennials – people born between 1980 and 2000 – account for more than half the global workforce. They are more indebted, less employed and earn less on average than their parents and grandparents. Their attitudes, values and behaviours are also markedly different. They have high expectations of their employers, want a road map to success, seek personal fulfilment in their work, demand feedback, and are in a hurry to succeed.

They exhibit disrupted traditional patterns of affiliation and community, and impatience with traditional politics. Millennials already cope with unprecedented levels of change and uncertainty that their parents would not recognise at the same stage of life. What can we do to better understand and get the best from this generation that will soon rule the world?

### Distinguished Professor Paul Spoonley

Paul Spoonley is Pro Vice Chancellor at Massey University, a Fellow of the Royal Society of NZ and has been recognised for exceptional services to sociology.

### Aaron McEwan

Aaron McEwan is CEB’s HR Practice Advisory Leader for Australia and NZ. A behavioural scientist and coaching psychologist, Aaron’s work draws on CEB’s global trove of data and insights from a wide range of the world’s leading companies.

**Friday 2:00pm - 3:30pm | Session 3**

## Shifting sands in geopolitics

Is the West’s post war geopolitical order breaking down? Are suggestions that China will step into the gap such a retreat would engender realistic?

Since the 2008 global financial crisis, growing levels of political dissatisfaction in Western democracies have crystallised into increasingly unpredictable politics. Under some scenarios, the West has reached a tipping point that could not only roll back globalisation, but the presumed global march towards more democratic government.

As the US under President Trump exacerbates global uncertainty, China is actively pursuing a new status for global leadership to rival and potentially replace the US. How does Beijing interpret these world events and exploit the opportunities and threats created?

### Professor Kerry Brown

Kerry Brown is Professor of Chinese Studies and Director of the Lau China Institute at King’s College, London. Prior to that, he was Professor of Chinese Politics at the University of Sydney. He has led the EU funded Europe China Research and Advice Network and is an Associate Fellow on the Asia Programme at Chatham House.

Kerry worked in China before joining the UK Foreign and Commonwealth Office, working in the China Section before serving as First Secretary in Beijing and is a widely published commentator on China’s emerging place on the world stage.

**Friday 6:30pm | Dinner**

## The Right Reverend Justin Duckworth

Anglican Bishop of Wellington

Bishop Justin has been at the cutting edge of mission and ministry in Wellington for 25 years. He and his family have lived with the homeless in Cuba Street, Wellington and welcomed groups of young at risk teenage girls into their home (40 in all). He co-founded Urban Vision, and he and his wife Jenny also pioneered Ngatiawa, a contemporary monastery.

**Thursday 7:00pm | Dinner**

## Rebecca Kitteridge

Director, New Zealand Security Intelligence Service

Rebecca Kitteridge, CVO, was appointed Director of Security in May 2014. She came to the NZSIS after six years as Secretary of the Cabinet and Clerk of the Executive Council, within the Department of the Prime Minister and Cabinet.

**Friday 12:15pm | Lunch**

## Gráinne Moss

Chief Executive, Ministry for Vulnerable Children, Oranga Tamariki

Gráinne Moss was appointed to this newly created role in August 2016. Prior to this, she was Managing Director of Bupa Care Services NZ, the largest aged care provider in New Zealand.

Originally from Ireland, Gráinne is an accomplished long-distance swimmer and is the first Irish woman to swim the English Channel and Cook Strait.

**Friday 4:00pm - 5:30pm | Session 4**