

Financial Risk Day 2019

AGEING POPULATION: RISKS AND FINANCIAL SOLUTIONS

FRIDAY 29 MARCH
CITY CAMPUS, MACQUARIE UNIVERSITY, SYDNEY



SPEAKERS AND PROGRAM

9am – 9.30am	Registration
9.30am – 9.45am	<p>Opening and welcome Professor S Bruce Dowton, Vice-Chancellor, Macquarie University Professor Jeffrey Sheen, Professor Pavel Shevchenko, Professor Stefan Trueck, Co-Directors of the Centre for Financial Risk, Macquarie University</p>
9.45am – 10.30am	<p>The age pension’s changing role in retirement Michael Rice, Chief Executive Officer, Rice Warner</p>
10.30am – 11am	Morning tea
11am – 11.45am	<p>CIPRs: risk management for retirees Guy Thorburn, Australian Government Actuary, Commonwealth Treasury</p>
11.45am – 12.30pm	<p>The needs and understanding of retirees – how industry and government can respond David Knox, Senior Partner and Senior Actuary, Mercer</p>
12.30pm – 1.30pm	Lunch
1.30pm – 2.15pm	<p>Modelling health status and functional disability with applications to life annuities and long term care insurance Michael Sherris, Professor of Actuarial Studies, University of New South Wales</p>
2.15pm – 3pm	<p>A framework for analysing member outcomes in retirement Craig McCulloch, Principal, Milliman</p>
3pm – 3.30pm	Afternoon tea
3.30pm – 4.15pm	<p>Super bonds for Australian super – a financial instrument to manage mortality risk and solve the longevity funding crisis Piet de Jong, Professor of Actuarial Studies, Macquarie University</p>
4.15pm – 5pm	<p>Perspectives of a large Australian super fund Kevin O’Sullivan, Chief Executive Officer, UniSuper Management Pty Ltd</p>
5pm – 5.05pm	Closing remarks
5.05pm – 6pm	Cocktail reception

Financial Risk Day 2019	
Date	Friday 29 March 2019
Venue	Macquarie University City Campus Level 24, 123 Pitt Street Angel Place Sydney CBD
Time	Registration: 9am – 9.30am Program: 9.30am – 5pm Cocktail reception: 5pm – 6pm
Cost	Single registration: \$195 (including GST)



FINANCIAL RISK DAY 2019

The Centre for Financial Risk in the Faculty of Business and Economics at Macquarie University is hosting its 9th annual Financial Risk Day conference. The theme of this year conference is Ageing Population: Risks and Financial Solutions.

REASONS TO ATTEND

This one-day conference brings together experts from industry, academia, government and regulators to discuss and analyse options for funding retirement for an ageing population with a strong line-up of outstanding speakers.

YOU WILL TAKE AWAY AN ENHANCED UNDERSTANDING OF:

1. Problems facing the economy, governments and individuals of an ageing population
2. New ways to fund longer lifespans
3. Innovations in funding models, approaches and products
4. Government and private sector options for cooperation
5. Economic and demographic factors shaping future policy and private sector decisions

OUR SPEAKERS

Leaders from industry and academia will examine the latest thinking on future funding options for retirement and a growing aging population. They will examine ways the private and public sectors can work together to address the growing needs of an ageing population through innovative and pragmatic approaches.

WHO SHOULD ATTEND

- Aged care analysts
- Financial product developers
- Financial planners
- Actuaries
- Researchers into ageing
- Consultants
- Regulators
- Finance experts

THE CENTRE FOR FINANCIAL RISK

The Centre for Financial Risk was established in 2010 in the Faculty of Business and Economics at Macquarie University. Researchers at the Centre investigate uncertainty in capital markets. We examine the spectrum of financial risks faced at all levels of the economy. We collaborate with industry, regulators, governments and leading overseas universities to ensure research outcomes are robust, realistic and relevant. We offer optimal value to our research partners through our pragmatic, commercially aware and creative approach.

The nature and management of financial risks are investigated by a team of leading interdisciplinary researchers with expertise in financial economics, econometrics and innovative modelling approaches.

Professor Jeffrey Sheen, Professor Pavel Shevchenko and Professor Stefan Trueck are co-directors of the Centre for Financial Risk.

FINANCIAL RISK DAY 2019

Funding retirement for an ageing population is a growing challenge. It will require industry and government to carefully consider a range of options, including novel and sophisticated approaches to funding through annuities and other financial instruments. The 2019 Financial Risk Day will consider both the specific and broad approaches for government, aged care organisations, financial institutions and product providers to develop solutions that meet the needs of individuals as well as the broader retirement community. Experts from industry, regulation and academia will discuss how to ensure standards of living can be preserved or enhanced as the population ages.

OUR RESEARCH FOCUS

- International and domestic issues
- Regulation and government policy
- Banking, finance and asset pricing
- Insurance and risk analysis
- Energy and utility markets
- Climatic change and catastrophic risks
- Superannuation
- Complex industry and corporate issues
- Behavioural economics and financial literacy

THE CENTRE PROMOTES

- The exchange of ideas
- Pioneering research
- Solutions to real-world problems
- A comprehensive program of workshops, seminars and masterclasses.

For more information, visit

mq.edu.au/research/centre-for-financial-risk

RISK ANALYTICS LAB

The Risk Analytics Lab at Macquarie University is a cross-disciplinary research team collaborating with academia and industry on innovative risk analytics solutions across several domains: demography, economics, energy, environmental finance, finance, insurance and superannuation. The Risk Analytics Lab was established by Macquarie University in 2016 with the following objectives:

- Develop and apply innovative risk analytics solutions through fundamental research and industry-linked projects
- Facilitate knowledge exchange between academia, industry and policymakers
- Strengthen and promote the connection between fundamental research and industry practice.

KEY RESEARCH AREAS ARE:

- operational risk, credit risk, market risk
- energy and commodity markets
- claims reserving in insurance
- retirement income products
- mortality modelling
- portfolio optimisation
- financial derivatives.

For more information, visit the Risk Analytics Lab website mq.edu.au/research/risk-lab

If you are interested in joining the lab or in collaboration opportunities on industry or research projects, contact Lab Director **Professor Pavel Shevchenko**, email: pavel.shevchenko@mq.edu.au



UPCOMING EVENT FOR THE CENTRE FOR FINANCIAL RISK 3RD AUSTRALASIAN COMMODITY MARKETS CONFERENCE

4-5 APRIL 2019

A conference at Macquarie University to present and discuss high-quality research in all areas of economics and finance related to commodity markets, with an emphasis on – but not limited to – the Australasian aspects of commodity markets and energy risk.

- Pricing, hedging, and risk analysis of commodity derivatives and derivatives portfolios
- Renewable energy and the transition of electricity markets
- Portfolio allocation/optimization including commodities
- Commodity trading strategies
- Financialisation of commodity markets
- LNG, coal and energy markets
- Econometric and statistical analysis of commodity markets
- Commodity markets decision making
- Real option analysis for commodity investments
- Carbon bubble and stranded assets
- Financial market analysis (risk factor models etc) for commodity markets
- Energy pricing issues in Australia and Asia
- Carbon pricing and emissions trading
- Weather derivatives, agricultural and other commodity markets
- Climate impacts on commodity markets
- Climate finance and economics
- Fintech in energy generation and delivery

For more information and registration, visit: events.mq.edu.au/auscomm2019

FIND OUT MORE

mq.edu.au/research/centre-for-financial-risk

