DAY ONE
THURSDAY 22 MARCH

9am | Registration: Coffee available from 8.30am

9.30am | Welcome: Opening remarks
Doctor Lurion De Mello (Department of Applied Finance and Actuarial Studies)
Professor Tom Smith (Head of Department, Department of Applied Finance and Actuarial Studies)

9.40am – 10.40am | Keynote speech: The economic impact of oil on industry portfolios
Jaime Cassasus (Associate Professor of Finance at Pontificia Universidad Católica de Chile)
Chair: Lurion De Mello

10.40am – 11am | Morning tea

TRACK 1: Renewable energy
Chair: Lurion De Mello

11am – 11.45am | Speaker: John Boland
Title: Benefits in economic terms of short-term forecasting of renewable energy
Discussant: Rohan Best

11.45am – 12.30pm | Speaker: Rohan Best
Title: Adoption of solar and wind energy: the roles of carbon pricing and aggregate policy support
Discussant: John Boland

12.30pm – 1.30pm | Lunch

Industry plenary session

1.30pm – 2pm | Speaker: Alex Georgievski (Managing Partner, Woollahra Partners)
Title: Financial economics of storage, flexibility and renewables penetration in the current market context

2pm – 2.30pm | Speaker: Thomas Schnitz (Head of Sales – Global Commodities, EEX)
Title: Renewable electricity and the impact on European electricity markets

TRACK 1: Electricity markets I
Chair: Katja Ignatieva

2.30pm – 3.15pm | Speaker: Nikolay Gudkov
Title: Electricity price modelling with stochastic volatility and jumps: an empirical investigation
Discussant: Jakob Krause

3.15pm – 4pm | Speaker: Jakob Krause
Title: Limited liquidity, market asymmetry, and stylized facts of asset returns: an example from electricity markets
Discussant: Nikolay Gudkov

4pm – 4.30pm | Afternoon tea

TRACK 1: Electricity markets II
Chair: John Boland

4.30pm – 5.15pm | Speaker: Katja Ignatieva
Title: Forecasting high frequency electricity demand using temperature in Australian electricity markets
Discussant: Lin Han

5.15pm – 6pm | Speaker: Guan Yan
Title: Interconnectedness of electricity spot prices – a dynamic network analysis
Discussant: Katja Ignatieva

5pm – 9pm | Conference dinner: The Little Snail Restaurant & Bar
50 Murray St, Pyrmont NSW 2009
thelittlesnail.com.au
DAY TWO
FRIDAY 23 MARCH

8.30am Double plenary session
Chair: Stefan Trueck

8.30am – 9.15am Speaker: Professor Martina Linnenluecke (Department of Applied Finance and Actuarial Studies)
Title: How markets will drive the transition to a low carbon economy

9.15am – 10am Speaker: Professor Mike Aitken (CEO, Capital Markets CRC)
Title: Evidence-based policy making in energy markets: the importance of infrastructure

10am – 10.30am Morning tea

TRACK 1: Investment and trading in commodity markets
Chair: Ilina Gafiatullina

10.30am – 11.15am Speaker: Christina Nikitopoulos
Title: Determinants of the crude oil futures curve: inventory, consumption and volatility
Discussant: Etienne Borocco

Speaker: Ron Ripple
Title: Income and energy consumption in Asia – a panel cointegration analysis with common factors
Discussant: Reza Aghdam

11.15am – 12pm Speaker: Etienne Borocco
Title: Technical trading on the US natural gas futures market: the dry wood waiting the spark?
Discussant: Christina Nikitopoulos

Speaker: Reza Aghdam
Title: The energy-growth nexus: identifying most influential papers, authors and journals
Discussant: Ron Ripple

12pm – 1pm Lunch

TRACK 1: Financial risk management
Chair: Stefan Trueck

1pm – 1.30pm Speaker: Isham Nilar
Title: Financial risk management considerations in the Asian LNG market

Speaker: Raymond Li
Title: China’s influence on crude oil prices

1.30pm – 2pm Speaker: TBA
Title: TBA
Discussant: TBA

Speaker: John Inekwe
Title: The convergence of risk premiums in energy markets

TRACK 1: Trading strategies and asset pricing
Chair: John Inekwe

2pm – 2.45pm Speaker: Takashi Kanamura
Title: Supply-side perspective for carbon pricing
Discussant: Marcel Rothenberger

Speaker: Beili Zhu
Title: Forecasting the real price of oil under alternative specifications of constant and time-varying volatility
Discussant: David Broadstock

2.45pm – 3.30pm Speaker: Marcel Rothenberger
Title: Smart beta strategies on commodity futures markets
Discussant: Takashi Kanamura

Speaker: David Broadstock
Title: The comparative role of OPEC and IEA sentiment to the formation of international oil prices
Discussant: Beili Zhu

3.30pm – 4pm Afternoon tea

TRACK 1: Contagion and spillovers
Chair: Takashi Kanamura

4pm – 4.45pm Speaker: Andrej Stensin
Title: Volatility spillovers between oil, stocks and non-ferrous metal futures markets
Discussant: Rangga Handika

Speaker: Btissam El Bahraoui
Title: Commodities futures market failure: evidence from diammonium phosphate
Discussant: Ilina Gafiatullina

4.45pm – 5.30pm Speaker: Rangga Handika
Title: Contagion in interconnected power markets
Discussant: Andrej Stensin

Speaker: Btissam El Bahraoui
Title: Properties and the predictive power of implied volatility in the dairy market
Discussant: Btissam El Bahraoui

Closing remarks: Professor Stefan Trueck (Centre for Financial Risk and Department of Applied Finance and Actuarial Studies)
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. It was established by the Department of Applied Finance and Actuarial Studies at 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

OUR MAIN RESEARCH AREAS

- Claims reserving in insurance
- Energy and commodity markets
- Financial derivatives
- Mortality modelling
- Operational risk, credit risk, market risk
- Portfolio optimisation
- Retirement income products

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

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.

OUR RESEARCH FOCUS

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

THE CENTRE PROMOTES

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

CO-DIRECTORS

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

ADMINISTRATION

Candice Langdon

For more information, visit mq.edu.au/research/centre-for-financial-risk