CENTRE FOR
FINANCIAL RISK
Faculty of Business and Economics

MACQUARIE University

2nd Australasian Commodity Markets Conference

PROGRAM

22–23 MARCH 2018
MACQUARIE UNIVERSITY CITY CAMPUS
LEVEL 24/123 PITT STREET, SYDNEY, NSW

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	**TRACK 2: Commodity investment and trading** **Chair:** Marcel Prokopczuk
11am – 11.45am	**Speaker:** John Boland **Title:** Benefits in economic terms of short-term forecasting of renewable energy **Discussant**: Rohan Best	**Speaker:** Dirk Baur **Title:** The role of gold and the VIX in investment portfolios – a financial and sustainability perspective **Discussant:** John Fan
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	**Speaker:** John Fan **Title:** Demystifying commodity futures in China **Discussant:** Dirk Baur
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 Schmitz (Head of Sales – Global Commodities, EEX) **Title:** Renewable electricity and the impact on European electricity markets	
	TRACK 1: Electricity markets I **Chair:** Katja Ignatieva	**TRACK 2: Jumps and dependence** **Chair:** Sandy Suardi
2.30pm – 3.15pm	**Speaker:** Nikolay Gudkov **Title:** Electricity price modelling with stochastic volatility and jumps: an empirical investigation **Discussant:** Jakob Krause	**Speaker:** Marcel Prokopczuk **Title:** Jumps in commodity markets **Discussant:** Robert Bianchi
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	**Speaker:** Robert Bianchi **Title:** Financialization and de-financialization of commodity futures: a quantile regression approach **Discussant:** Marcel Prokopczuk
4pm – 4.30pm	**Afternoon tea**	
	TRACK 1: Electricity markets II **Chair:** John Boland	**TRACK 2: Commodities and economic activity** **Chair:** Raymond Li
4.30pm – 5.15pm	**Speaker:** Katja Ignatieva **Title:** Forecasting high frequency electricity demand using temperature in Australian electricity markets **Discussant:** Lin Han	**Speaker:** Jun Ge **Title:** Consumption versus production-based emissions and economic activity: the role of world trade **Discussant:** Sandy Suardi
5.15pm – 6pm	**Speaker:** Guan Yan **Title:** Interconnectedness of electricity spot prices – a dynamic network analysis **Discussant:** Katja Ignatieva	**Speaker:** Sandy Suardi **Title:** Oil price shocks, real economic activity and uncertainty: a structural factor VAR GARCH-in-Mean Model **Discussant:** Jun Ge
7pm – 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:** Ilnara Gafiatullina	**TRACK 2: Energy consumption and growth** **Chair:** David Broadstock
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	**TRACK 2: International commodity and energy markets** **Chair:** Beili Zhu
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	**TRACK 2: The Price of oil** **Chair:** Ron Ripple
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	**TRACK 2: Exotic commodities** **Chair:** Christina Nikitopoulos
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:** Ilnara Gafiatullina
4.45pm – 5.30pm	**Speaker:** Rangga Handika **Title:** Contagion in interconnected power markets **Discussant:** Andrej Stensin	**Speaker:** Ilnara Gafiatullina **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)

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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

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