Energy Finance Christmas Workshop (EFC19)

2019 Thursday, 12 December

8:45 **Welcome**

Alan Barrett, ESRI Director

Andrew Keane, UCD Energy Institute Director

Rafal Weron, EFC Series General Chair

SESSION 1 Energy prices and clean energy indices

9:00 **Chair:** Katarzyna Maciejowska (3x30min talks)

Robust tests of normality for gasoline prices
Matteo Manera (with A. Bastianin)

A dynamic study of the U.S. natural gas market integration
Hayette Gatfaoui

A model of price correlations between clean energy indices and energy commodities
Takashi Kanamura

10:30 Tea & coffee

SESSION 2 Optimal energy trading and risk management

11:00 **Chair:** Stefan Trueck (3x30min talks)

Optimal market making on intraday power markets
Rüdiger Kiesel

Balancing RES generation: Profitability of an energy trader
Weronika Nitka (with C. Kath, T. Serafin, T. Weron, P. Zaleski, R. Weron)

Wind park valuation and risk management in the German intraday power markets
Michael Coulon

12:30 Lunch

SESSION 3

Econometrics of electricity prices

14:00 **Chair:** Andrea Roncoroni (3x30min talks)

Estimation and simulation of the transaction arrival process in intraday electricity markets
Florian Ziel

Structural VAR analysis of price forecast errors — decision support in day-ahead and intraday electricity markets
Katarzyna Maciejowska

Greener, more integrated, and less volatile? A quantile regression analysis of Italian wholesale electricity prices
Alessandro Sapio

15:30 Tea & coffee

SESSION 4

Risk evaluation

16:00 **Chair:** Rüdiger Kiesel (3x30min talks)

Through the looking glass: Ireland's Climate Action Plan and the energy transition
Derek Scully

A new integrated risk-management policy for the newsvendor position
Andrea Roncoroni

Power purchase agreements and solar securitisation: Modelling risk factors and returns
Stefan Trueck

17:30 Close