Energy Finance Christmas Workshop (EFC19)

2019 | Friday, 13 December

SESSION 5 Optimal investment decisions

8:30 **Chair:** Michael Coulon (4x30min talks)

No real option for solar in Ireland: a real option valuation of utility scale solar investment in Ireland
Julie Byrne (with M. Assereto)

Sequential investment: Empirical evidence of real options effects
Stein-Erik Fleten (with K. Ingebrigtsen, J. A. Kaldahl, T. Olsen, C. J. Ullrich)

A real options based decision support tool for R&D investment: Application to CO2 recycling technology
Peter Deeney (with M. Cummins, K. Heintz, M. Pryce)

Optimal installation of solar panels with price impact: A solvable singular stochastic control problem
Tiziano Vargiolu

10:30 Tea & coffee

SESSION 6 Intraday and balancing markets

11:00 **Chair:** Florian Ziel (3x30min talks)

Forecasting the British balancing market prices
Derek W. Bunn

Enhancing load, wind and solar generation forecasts in day-ahead forecasting of spot and intraday electricity prices
Tomasz Weron (with K. Maciejowska, W. Nitka)

Ensemble forecasting for intraday electricity prices: simulating trajectories
Michał Narajewski

12:30 Lunch

2019

Energy Finance Christmas Workshop (EFC19)

Friday, 13 December

SESSION 7

Advances in energy forecasting

14:00 **Chair:** Derek W. Bunn (3x30min talks)

Estimation of 1-in-20 year national gas peak daily demand in some European countries
Carolina Garcia Martos

From point forecasts to statistical scenarios using implicit generative ensemble post-processing
Tim Janke

Online forecast reconciliation in wind power prediction
Chiara di Modica

15:30 Tea & coffee

SESSION 8

Statistical and machine learning

16:00 **Chair:** Rafal Weron (3x30min talks)

Online distributed learning in wind power forecasting
Benedikt Sommer

Machine learning models for the prediction of Italian electricity prices. Do they really outperform the benchmark?
Silvia Golia (with L. Grossi and M. Pelagatti)

ETS models and recurrent neural networks
Carlo Lucheroni

17:30 Close