

Power Curve Working Group Agenda

21st Meeting, Tuesday 13th December 2016

Technology and Innovation Centre @ University of Strathclyde, Glasgow (Hosted by ORE Catapult)

Welcome/Registration:

- 9.00am-9.30am: Tea/Coffee will be available.

Morning Presentation Session: 09.30 -13.00

- **09.30 - 10.00 Introduction**
 - **09.30 - 09.40 Welcome**, Owen Murphy, ORE Catapult
 - **09.40 - 10.00, PCWG Update/Overview**, Peter Stuart (RES)
- **10.00 - 11.00: PCWG-Share-X Results (Intelligence Sharing Initiative),**
 - 10.00 - 10.40: Results Presentation, Peter Stuart (RES) & Andy Clifton (NREL)
 - 10.40 - 11.00: Q&A
- **11.00 - 11.10: Coffee Break**
- **11.10 - 11.25: Machine Learning Sub Group Presentation**, Andy Clifton (NREL)
- **11.25 - 12.00: Preparing for 61400-12-1 Ed 2**
 - 11.25 – 11.40: 12-1 Ed 2 Round Robin Results Overview, Luke J Simmons, DNV GL
 - 11.40 – 11.55: 12-1 Ed 2 Work Examples Overview, Lee Cameron, RES
 - 11.55 – 12.10: 12-1 Ed 2 Worked Examples Feedback, Axel Albers, WindGuard
 - 12.10 – 12.20: Q&A

Morning Presentation Session: 12.20 – 13.00:

- 12.20 – 12.35: “Nacelle Lidar measurements of the Induction Zone from Multiple Offshore Wind Farms”, Frederik Brink, Dong Energy
- 12.35 – 12.40: Q&A
- 12.40 – 12.55: “Turbine performance – Veer”, Matthew Colls, Prevailing
- 12.55 – 13.00: Q&A

Lunch: 13:00 – 14:00

Afternoon Presentation Session: 14.00-15:00

- 14.00 – 14.15: “Evaluating The Wind Resource From Rotor Equivalent Wind Speeds.”, Christiane Montavon , ANSYS
- 14.15 – 14.20: Q&A
- 14.20 – 14.35: ‘Validation of cosine-squared theory using extreme yaw misalignment toggle test on an offshore wind Turbine’, Nick Gerardus Cornelis Janssen, ROMO Wind
- 14.35 – 14.40: Q&A
- 14.40 – 14.55: ‘Blade Leading Edge Erosion Project’, Owen Murphy, ORE Catapult
- 14.55 – 15.00: Q&A

Afternoon Discussion Session: 15.00-16:00

- The Future of the PCWG
- PCWG-Share-X Next Steps

Wrap Up: 16.00 – 16.30

Venue & Logistical Information

Venue

The meeting will be hosted by ORE Catapult at the following venue:

Conference Room 3
TIC (Technology and Innovation Centre)
University of Strathclyde
99 George Street
Glasgow
G1 1RD

Attendees should be directed by signs to the PCWG event from the main reception. More information on the venue is available [here](#).

NOTE: If anyone has been the ORE Catapult office before the TIC building is immediately next door.

Logistical Information

The venue is walking distance from Central (if coming from the south) and Queen Street (if coming from the north or east) railway stations, and around 20-45 minutes (depending on traffic) by taxi from the airport. The nearest car parking is at the [Duke St car park](#). Owen Murphy (ORE Catapult) can validate parking tickets to get a reduced rate of £4.50 all day if delegates bring their ticket to him.