Details to IEA Wind Task 32

General Meeting 2016

Date: December 15-16 2016
Venue: University of Strathclyde, Glasgow, UK

Introduction to IEA Wind Task 32

The main objective of the Task 32 is to identify and to mitigate barriers to the use of the lidar technology in wind energy applications such as site assessment, power performance, loads & control, and complex flow. An annual General Meeting is organized to provide international open platform for industrial and academic partners to exchange new ideas, experiences, and measurement techniques for lidar in wind energy.

More details can be found on the task website.

Meeting Concept

In 2016, one workshop has been organized for each of the four applications mentioned above, focusing on one specific problem, and with a well-defined program and tangible outcome. Complementarily, the idea of the General Meeting is to provide a forum to build up a community and report from previous workshops and organize new ones.

The meeting will be a combination of presentations, discussion, and a poster / networking session:

1. What was the outcome of Phase 1?
2. Identifying and mitigating barriers in 2016: Review of the four workshops.
3. What’s new in the world of wind lidar? Presentations from researchers and industry
4. Let’s talk! Poster / networking session addressing recent results.
5. Identifying and mitigating barriers in 2017: Proposals, discussions, and voting for new workshop topics for 2017

The workshop will be hosted by the University of Strathclyde.

Acknowledgement

Many thanks to Peter Clive, Professor William Leithead, the Advisory Board and the General Meeting Organization Team (Ines Würth, Andrew Clifton, Oliver Bischoff, Florian Haizmann, Holger Fürst) for all their help in organizing this meeting.
Program

Day 1
8:30  Arrival with coffee
9:00  Welcome/Introduction to IEA Wind Task 32 Phase 2 (David Schlipf) + Introduction Round
9:30  **What was the outcome of Phase 1?**
   - General review of Phase 1 (Davide Trabucchi)
   - Technical report: *Estimating Turbulence Statistics and Parameters from Ground- and Nacelle-Based Lidar Measurements* (Someone from author team)
10:30  Coffee break
11:00  **Identifying and mitigating barriers in 2016**
   - Results from Workshop #1 (Julia Gottschall)
   - Results from Workshop #2 (Eric Simley)
12:00  Lunch break
13:00  Results from Workshop #3 (Davide Trabucchi)
   - Results from Workshop #4 (Luke Simmons)
14:00  **What’s new in the world of wind lidar?**
   - Results of recent research projects
   - UniITe (Rozenn Wagner)
   - Scanning Lidar: Dublin Bay experiments (Michael Stephenson)
   - Slot 3 tbd
   - Slot 4 tbd
15:00  Coffee break
15:15  OpenLidar
   - Concept (Ines Würth)
   - Moderated discussion (Andrew Clifton)
16:00  **Let’s talk!** Poster Session with beer reception (details below)
17:30  End of Day 1
19:00  Dinner (tbc)

Day 2
9:00  **What’s new in the world of wind lidar?**
   - Results of recent advances in lidar technology
   - TI measurements (Paul Mazoyer)
   - Verification Protocol (Peter Clive)
   - Slot 3 tbd
   - Slot 4 tbd
10:00  Coffee break
10:15  **Identifying and mitigating barriers in 2017**
   - Review and discussion of workshop strategy (David Schlipf)
   - Presentation on suggested workshop concepts (details below)
   - World Cafe: group discussions for the four different application areas: do the suggested topics address the relevant barriers or do we need others?
12:30  Lunch break
13:30  - Presentation of results of World Café (Moderators)
   - Voting for new workshop topics
14:45  Next steps
15:00  End of General Meeting
Participant List

Based on the room size we can host up to 60 participants. Currently we have still 18 vacancies.

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<thead>
<tr>
<th>Name</th>
<th>Country</th>
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<tr>
<td>Adrian How</td>
<td>UK</td>
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<td>Andrew Clifton</td>
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<td>Bart Doekemeijer</td>
<td>Netherlands</td>
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<td>Cédric Arbez</td>
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<td>Davide Trabucchi</td>
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<td>ForWind - Univeristy of Oldenburg</td>
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<td>Detlef Stein</td>
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<td>Ellie Weyer</td>
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<td>AWS Truepower</td>
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<td>Ines Würth</td>
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<td>Jochem Vermeir</td>
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<td>Julia Gottschall</td>
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**Poster Session**
The idea of the poster session is to facilitate networking and to give everyone the possibility to present work relevant for the community. You are very welcome to present a poster with recent experiments, ongoing projects, and current research. Please bring your poster to the conference (we cannot print it or accept shipments). It could be new results or content already presented at another conference. The only requirement is that it should be A1 paper size.

**Workshop Proposals**
On day 2 you will have the opportunity to present your suggestion for a workshop in 2017. A proposal should be one slide including
- Which is the barrier which is addressed?
- What is the workshop concept? How does the workshop help to mitigate the barrier?
- Who might be a good workshop leader? Where and when could it take place?
The presentation should not exceed 3 minutes. Questions should be asked in the discussions afterwards. Workshop leaders will be supported by the Operating Agent. For catering, room etc. we have currently around 1000 € budget per workshop.

**Venue Information**
The General Meeting will be held on 15&16 December at the below venue.

Department of Electronic and Electrical Engineering
University of Strathclyde, Royal College Building, Room 2.15
204 George Street
Glasgow, G1 1XW, UK
Accommodation
There are no special hotel reservations made and it seems a busy week in Glasgow. We can recommend a couple of hotels that are very close by the venue:

1. **The Z Hotel**
   Starting from about 80€ per night
2. **ibis Styles Glasgow Centre George Square**
   Starting from about 90€ per night
3. **Millennium Hotel Glasgow**
   Starting from about 95€ per night
4. **Mercure Glasgow City Hotel**
   Starting from about 120€ per night

Prices are based on booking.com and are from 11/08/16.

Further Information
Following details have been provided by Glasgow City Marketing Bureau.

City Information Links
You can use the following link for information on Glasgow including how to get here, accommodation, things to do:

- [https://peoplemakeglasgow.com/visiting](https://peoplemakeglasgow.com/visiting)
- Whisky [https://peoplemakeglasgow.com/whisky-distilleries-breweries](https://peoplemakeglasgow.com/whisky-distilleries-breweries)
- What’s on [https://peoplemakeglasgow.com/whats-on](https://peoplemakeglasgow.com/whats-on)

Let’s Meet promotional video
Our short promotional video encourages delegates to visit Glasgow.

- [https://www.youtube.com/embed/6jns9H6-9M8?rel=0](https://www.youtube.com/embed/6jns9H6-9M8?rel=0)

Explore the City Centre and Merchant City
The University is ideally situated for exploring the City Centre and Merchant City. Insider tips on the area can be found here:

- [https://peoplemakeglasgow.com/discover/districts/city-centre](https://peoplemakeglasgow.com/discover/districts/city-centre)
- [https://peoplemakeglasgow.com/discover/districts/merchant-city](https://peoplemakeglasgow.com/discover/districts/merchant-city)

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Small group tours – full day or half-day, departing from Glasgow City Centre.
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Timberbush Tours
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15% off tours for conference delegates using the code GCMB15
0141 226 8882
[http://www.timberbush-tours.co.uk/](http://www.timberbush-tours.co.uk/)

Simply contact the tour company directly quoting the discount code above to book your trip.