

1ST INTERNATIONAL WORKSHOP CONFERENCE ON SMALL AND MEDIUM WIND ENERGY

10 –12. April 2019

Hosted by:



The World Wind Energy Association, Nordic Folkecenter for Renewable Energy, and Danish Association for Small and Medium Wind are pleased to invite the small and medium wind community to the 1st International Workshop on small and medium wind to be held at the Nordic Folkecenter 10th – 12th April 2019.

The workshop will focus on closing gaps in the current testing and certification schemes and find ways to increase consumer awareness. Also, the future actions taken by the WWEA Small Wind Section will be discussed with the wind community during the workshop.

Agenda

Program for Workshop 10th – 12th April
Wednesday 10th. 2019

Picking up arriving participants at Billund Airport Around 15:00

Arrival Wednesday 10th of April afternoon at Nordic Folkecenter.


18:00 Dinner

19:00

Welcome by Jane Kruse, Director, Nordic Folkecenter for Renewable Energy

Short speech by:

Morten V. Petersen, WWEA Small Wind Chair, Senior Consultant Nordic Folkecenter



Presentation of Danish Association for Small- and Medium Wind,
Ulrich Høgenhaven, Vice chairman

Presentation of WWEA's work,
Jean Pittelaud, WWEA Head Office, Bonn, Germany

19:30 Presentation:

- Testing costs – is it the main barrier for certification?
Tonny Brink, Chief Engineer, SW Test Site Manager, Denmark

Thursday, April 11th. 2019

09:00 Presentations:

- Practical challenges in connection with measurements of approving SWT
Anker Mardal, Site Engineer, SW Testcenter at FC, Denmark

09:30 – 10:00 Presentation:

- Standardization and Certification– Status
Peggy Friis, Senior Executive Officer, DTU, Denmark

09:50 Presentation

- Evolution of the SWT International Consumer Label
Jose Ignacio Cruz Cruz, CIEMAT Jose Ignacio Cruz Cruz, Head of Wind Energy Unit, RES
Division, Department of Energy CIEMAT, Spain

10:00 - 10:30 Coffe/tea break

10:30 – 11:00 Presentation

- Evolution of the SWT International Consumer Label

Jose Ignacio Cruz Cruz, Head of Wind Energy Unit
RES Division, Department of Energy CIEMAT, Spain

11:30 -12:00 Presentation:

Small Wind Turbines with Consumer Label
Sven Ruin, author, Engineer, TEROOC, Sweden

11:00 – 11:30 Presentation

Small Wind Turbine Optimization and Market Promotion - SWTOMP Project

'Luis Cano Santa Bárbara
R+D Engineer

12:00 - 13:00 Lunch

13:00 - 13:30

Presenting the current status and possibilities for small/medium wind in Poland

Piotr Domagalski, , Institute of Turbomachinery, Lodz University of Technology, Poland

13:30 – 14:00 Presentation

Research on wind environment especially targeting small/mediumwind applications

Maciej Karczewski, , Institute of Turbomachinery, Lodz University of Technology, Poland

14:00 – 14:30 Presentation

Comparison of uncertainty calculations between the last two editions of IEC 61400-12-1”

Luis Cano Santa Bárbara
R+D Engineer CEMAT, Spain

14:30 – 15:00 Presentations

Wind Harvest – VAWT Lessons Learned at Folkecenter – introducing our new 70 kW

Peder Hansen, Chief Engineer, Wind Harvest International USA

15:00 -15:15 Coffe/tea break

15:15 – 15:45 Presentation

Smart Energy Systems Laboratory – A cyber physical system for smart grid solutions.

Dr. Florin Iov, Associate Professor, AUC, Denmark

15:45 – 16:15 Presentation

Title comes -

Jami Hussein, BE (Mech); Ph.D ., TET, India

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16:15 – 17:45

Follow up on the days presentations

18:00 Dinner

Friday

09:00-09:30 Presentation

- Owner of SWT's experience – name follows

09:30 – 11:30

Workshop and conclusion of the conference

11:30 Lunch at Folkecenter

12:00 – 17:00

FC offers an 5 hours Renewable Energy excursion to small wind teststation in Hundborg and big wind teststation in Østerild, lunch in the bus

Speakers (also via WEB):

Jose Ignacio Cruz Cruz, Head of Wind Energy Unit, RES Division, Department of Energy CIEMAT, Spain

Luis Cano Santa Bárbara, R+D Engineer, CIEMAT-CEDER, SPAIN

Sven Ruin, Author, Engineer, Sweden

Peggy Friis, Senior Executive Officer, DTU, Denmark

Peder Hansen, Chief Engineer, Wind Harvest International, USA

Dr. Florin Iov, Associate Professor, AUC Denmark

Piotr Domagalski, Institute of Turbomachinery, Lodz University of Technology, Poland

Maciej Karczewski, , Institute of Turbomachinery, Lodz University of Technology, Poland

Jane Kruse, Director, Nordic Folkecenter for Renewable Energy

Jean-Daniel Pitteloud, WWEA Head Office, Bonn, Germany

Jami Hossain, BE (Mech); Ph.D , Vice President & Technical Chair, World Wind Energy Association (WWEA), Bonn, Chief Mentor, Tawanai EnergyTech Pvt. Ltd., Gurgaon;

Ulrich Høgenhaven, Vice Chairman, Danish Association for Small- and Medium Wind

Anker Mardal, Site Engineer, SW Testcenter, Denmark

Tonny Brink, Chief Engineer, SW Test Site Manager, Denmark

Morten V. Petersen, Chairman Danish Association of Small – and Medium Wind, WWEA Small Wind Chair, Senior Consultant at Folkecenter, Denmark

Please, note that photos and/or videos will be taken during the event for communication and promotional purposes; the material will be used on the communication channels of the organizers, such as (but not limited to) websites, Facebook pages, future events promotion, publications, etc. If you have any hesitation about being photographed, please let us know before the event by sending and e-mail to Mr. Morten Victor Petersen (mvp@folkecenter.dk).

Thank you for your understanding.

Prices: Free

Accommodation and lodging : free

Registration: http://www.folkecenterevents.net/pages/Register_WWA.php



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Nordic Folkecenter for Renewable Energy

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