



COST Action ES1002: Weather Intelligence for Renewable Energies

Training School 2014

September 22nd – 26th 2014

Training Center “Le Bataillet”, Montegut, France

The COST Action ES1002 “Weather Intelligence for Renewable Energies WIRE” (www.wire1002.ch) is organizing a Training School during the week September 22nd to 26th 2014 in Montegut, about 100 km away from Toulouse in the French Pyreneans. The Training School is entitled:

Renewable Energies: short-term generation forecasting and financial implications

The program will include the following tutorials:

Day1 am	Registration		
Day1 pm Day2 am	Tutorial 1	The physical modelling chain for wind power forecasting with focus on wind profiles.	Sven-Erik Gryning Irene Suomi Kristina Lundgren Andrea Steiner James Wilczak Erik Pedersen
Day2 pm	Tutorial 2	Very short-term solar forecasting; cloud cover determination techniques; sky imaging etc.	Andreas Kazantzidis Luca delle Monache
Day3 am	Tutorial 3	Probabilistic forecasting of solar and wind production; forecast verification.	George Kariniotakis Stefano Alessandrini Constantin Junk
Day3 pm	Excursion		
Day4 am	Tutorial 4	Electricity markets; renewables in electricity markets.	Pierre Pinson
Day4 pm	Tutorial 5	Risk management issues in RE systems: production smoothing and contracting; comparison of the economic impact of different wind power forecast systems for producers.	Nikos Thomaidis Stefano Alessandrini
Day5 am	Tutorial 6	Weather Intelligence for Urban Areas; energy storage for wind power: storage technologies, energy management and sizing.	Anna Maria Sempreviva Pierre Haessig

Teachers :

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Pierre Haessig	Supélec Rennes, IETR	pierre.haessig@crans.org
Constantin Junk	Forwind, D	constantin.junk@forwind.de

Location

The Training School will take place at the MeteoFrance and DGAC Training Center “Le Bataillet” (<http://lebataillet.info/>) which is located in the city of Montegut about 100 km from Toulouse, France.



Bataillet, Montegut,
France.kmz

Costs

The costs for each participant is approx. EUR 50.- / day, including lodging, meals and free use of the Center’s facilities (swimming pool, tennis, Jacuzzi, Ping-Pong, sauna, mini-golf etc..).

No registration fee will be required. Registered members of WIRE will be reimbursed for their travel expenses with a lump sum of EUR 700.-.

A financial contribution will be required from those wishing to participate to the planed excursion (more later) which will take place on Wednesday September 24th 2014 in the afternoon (tentative).

Participants wishing to travel with their families are welcome: family rooms are available at the Center.

Transport

A bus transport will be organized from Toulouse airport to the Training Center at the beginning and at the end of the meeting (cost: ~ EUR 12.- per transport; more later).

Detailed program

The detailed program will be sent to the participants before the beginning of the Training School.

Pre-Registration

If you are interested in upgrading your knowledge in this challenging domain and thus prepare the future developments of Energy Meteorology, please do not hesitate to pre-register by filling the following doodle inquiry and sending me an Email with your coordinates:

<http://doodle.com/4tp8et633ps3ia55>

You will thus be sure to receive all the subsequent, detailed information about this unique event.

Looking forward to meet you at the Training School

Alain Heimo

Chair COST Action ES1002 "WIRE"

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