SENSE

WAGENINGEN
UNIVERSITY & RESEARCH

Buijs Ballot Research School

From model field to power yield

Energy Meteorology Symposium

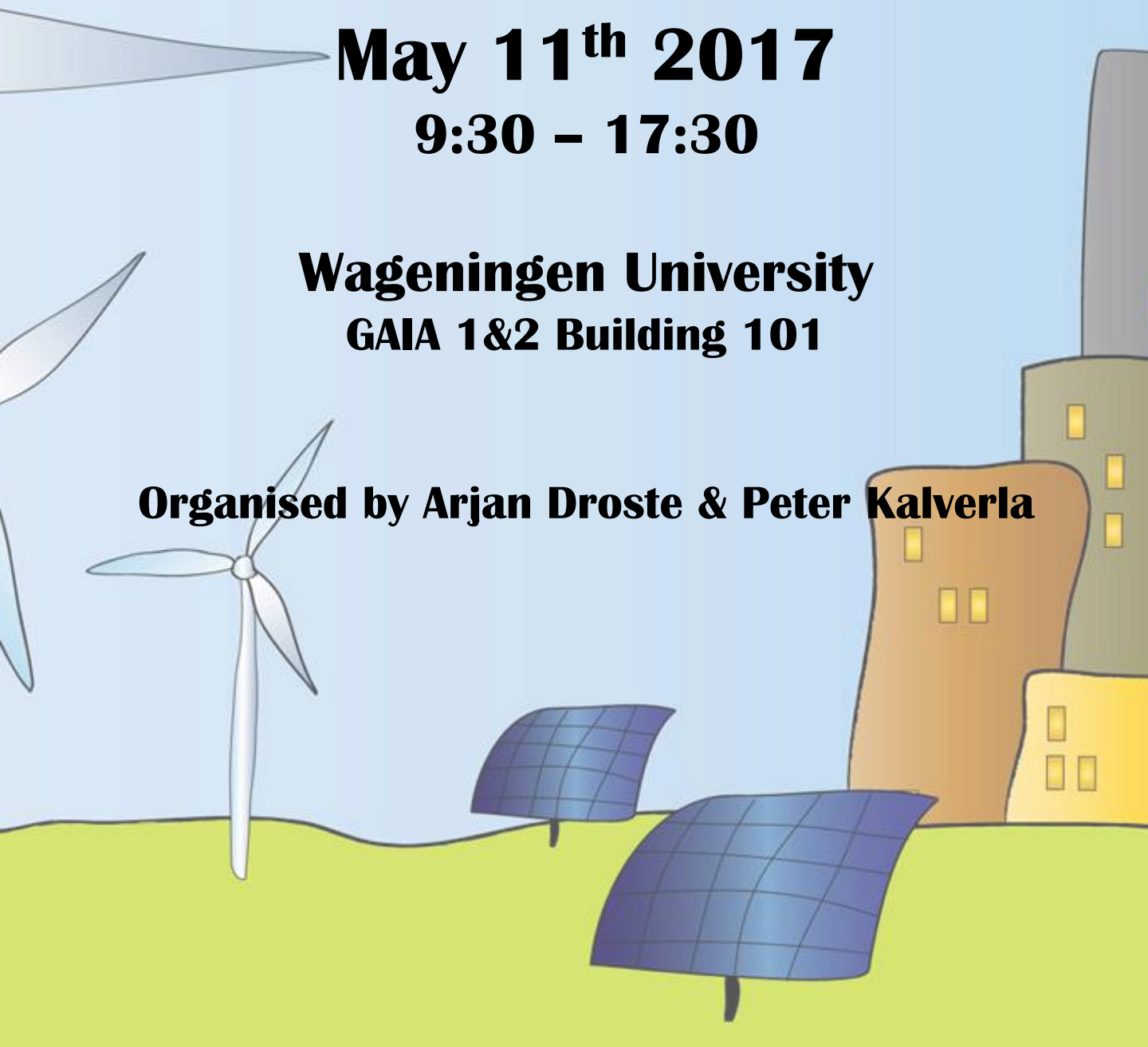
May 11th 2017

9:30 – 17:30

Wageningen University

GAIA 1&2 Building 101

Organised by Arjan Droste & Peter Kalverla



Welcome

Dear energy enthusiasts,

We are happy to welcome you today at our Energy Meteorology symposium!

Renewable energy is a hot topic that has expanded rapidly over the past few years. Many people, companies and politicians agree that a renewable energy transition is the way forward. It can help combat climate change, improve air quality, and create energy independence. Recent investments demonstrate that it is also becoming profitable from an economical point of view.

The interest in renewables also poses questions and opens new doors for meteorological research. Today, the various speakers will introduce you to the ins and outs of energy meteorology. We hope it will be an interesting day with a lot of positive energy and discussions.

The organizers,

Arjan Droste & Peter Kalverla

Programme

9:00	Welcome with coffee
9:30	Introduction by organizers & chairman *Maarten Krol, WUR*
10:00	The Energyscape *Haike van de Vegte, DNV-GL*
10:45	Atmospheric impacts on the power conversion process in offshore wind farms *Martin Dörenkämper, IWES*
11:30	Interactive round: Energy facts & fiction
12:00	Lunch
13:30	Meteorological measurements for solar energy *Stefan Wilbert, DLR*
14:15	Interactions of climate and wind power production *Robert Vautard, LSCE*
15:00	Coffee
15:30	Designing for urban climate action: capitalizing renewable energy flows *Sven Stremke & Sanda Lenzholzer, WUR*
16:15	Debate & closure, drinks
17:30	End of programme

Directions

The location of the symposium will be the **GAIA** building (101) at the WUR campus, Droevendaalsesteeg 3, 6708 PB Wageningen, room **GAIA 1 & 2**. These are on the ground floor, in the hall of the GAIA building, which is to your left as you enter the reception desk of **Gaia/Lumen**.

For those coming by public transport: bus lines **84** and **88** leave from train station **Ede-Wageningen** roughly every 10 minutes. Bus stop **Campus/Atlas** is closely located to the GAIA building, and it takes no more than 15 minutes from the train station to this stop by bus.