

## **DYNASTEER On-line Training**

The present situation (Spring 2020) that the Corona-virus has created, concerning travelling and accommodation, has made the DYNASTEER board to decide that it will support on-line training. It will do so by organising a series of webinars during a period of one month (on a fixed day per week 10-12 h). Each webinar will be composed of two lectures and introduce an exercise using data that will be made available to the participants for training.

The option of one webinar per week has been mentioned which means that a series of 3 webinars (e.g. 6 lectures) will be distributed over a month followed by a Q&A webinar. An additional short introduction webinar is suggested, presenting briefly DYNASTEER, its history, activities and the webinar as the substitute for the physical one-week long Summer School. The webinars will be recorded and made available on the internet.

**Title:** DYNASTEER On-line Training for *Dynamic Calculation Methods for Building Energy Performance Assessment*

**How to register for the on-line training webinars?** Further information about registration, the webinar schedule, lecturers and contents will be announced on the DYNASTEER web-site [www.dynastee.info](http://www.dynastee.info) There will be no fee to attend the webinars.

**Registration** is required in order to attend the webinars.

**What is in for you?** Having attended to the webinars the participant will be able to understand the topic of dynamic analysis applied to in-situ measured data series, the basic mathematical and statistical analysis techniques, applicable software and benchmark data to build a level of skill.

### **Programme.**

Webinar 1; 30 minutes; 2 September 11:00 – 11:30

A short introduction webinar is suggested, presenting briefly DYNASTEER and its history, outdoor experimental activities, training of analysis techniques and the proposed series of webinars as a substitute for the Summer Schools held from 2012 until 2019.

Webinar 2; 9 September 10:00 – 12:00

Introduction to Dynamic Calculation Methods and quick overview of the software tool LORD. Building confidence in analysis. Exercise: an easy, conduction-only exercise with simulated data (result is given to the participants to gain confidence).

Webinar 3; 16 September 10:00 – 12:00

Introduction to measured data, instrumentation and sensors in relation to building physics and energy performance. What is important to know? Exercise: in-situ wall measurement with and without solar radiation. This is the >25 years applied data from a reliable outdoor measurement of a wall.

Webinar 4; 23 September 10:00 – 12:00

Introduction to discrete time and continuous time methods (CTSM-R) and models together with statistical tools. Combining two disciplines; building physics and mathematical techniques. Exercise: PSA data series 16, 17. An overview will be given of available data and analysis topics, including brief examples.

Webinar 5; *30 September 10:00 – 12:00*

Questions and Answer webinar. Feedback and questions from participants.

The **Summer School** organisers have decided to move the weeklong Summer School 2020, scheduled in September 2020 in Almeria, to **June 2021**.

Feel free to contact [mjose.jimenez@psa.es](mailto:mjose.jimenez@psa.es) or [hans.bloem@inive.org](mailto:hans.bloem@inive.org) to be placed on the Summer School mailing-list and you will receive further information as soon as available.