



Swegon together with Swegon Air Academy, EQUA and ES-SO will be present at the 12th REHVA World Congress CLIMA 2016 in Aalborg, Denmark on 22-25 May 2016.

**Visit Swegon at the stand 26 for more information about us, our products and services. Learn more about Swegon ESBO. And attend our two workshops on Understanding HVAC Operational Performance and Dynamic solar shading in HVAC and daylight design.**



### **WS 1: Understanding HVAC Operational Performance**

*Monday, May 23, 10.30-12.00 (Meeting room: Bondestuen)*

Organiser: SWEGON

Presenters: Petra Vladykova(Swegon), John Woollett (Swegon), Ian Knight (Cardiff University)

This participatory workshop explores the potential for informative and practical guidelines for the operation of buildings and input for the building regulations. The aim is to discuss what information and data are needed, how it should be provided, and how it might be applied with regard to the updating of a number of standards in this area. Data from operational performance of HVAC systems and components (results from the project iSERVcmb) need to provide information about what can be achieved in the building's operation. In the workshop the focus will be on operational data from HVAC systems/components, what can be found from the data at the operational level versus legislative needs, and what opportunities exist to improve the operational performance of HVAC equipment.

More information at: <http://www.rehva.eu/?id=926>

### **WS 13: Dynamic solar shading in HVAC and daylight design**

*Tuesday 24 May, 13.30-15.00 (Meeting room: Bondestuen)*

Organisers: ES-SO, European Solar-Shading Organization in collaboration with EQUA and Swegon

Presenters: Ann Van Eycken (ES-SO), Anders Hall (ES-SO), Per Sahlin (EQUA)

The impact of solar radiation on the heat and light balance of a room is profound and, consequently, shading devices, glass, and control strategy are the first things to consider in HVAC and daylight design. Unfortunately, doing this is easier said than done. Not only do you need models that capture the correct physics of modern glazing and shading, but these models must also interact with a room model that accounts for all the physical processes that come together in the final room heat and light balance. Naturally, one must have correct product data for all involved components and be able to describe control action that reflects real systems. Today, these systems may well couple artificial and natural daylight with the thermal state of the room. The workshop starts with a presentation of a new quality assured database for shading products under the auspices of ES-SO and continues with the introduction and demonstration of a new tool chain for the complex design task.

More information at: <http://www.rehva.eu/?id=1112>

Check information on [www.clima2016.org](http://www.clima2016.org) for entrance fee to the conference and exhibition. If you have any questions please contact us at [info@swegon.dk](mailto:info@swegon.dk) or [info@swegonairacademy.com](mailto:info@swegonairacademy.com).