

# WINDSOR 2014 CONFERENCE

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## COUNTING THE COST OF COMFORT

### THE WORKSHOP PROGRAMME

#### **WORKSHOP 9: Standard prEN15251 and new standard ISO-DIS 17772**

**Invited Chair: Bjarne Olesen**

12<sup>th</sup> April 2014: 17.30 – 18.30 – Hodgson Room (1 Hour)

This workshop will deal with the *Revised Standard prEN15251* and *New Standard ISO-DIS 17772* on indoor environmental criteria for design and energy calculation of buildings and HVAC systems. EN15251 standard includes indoor environmental input parameters for the design and assessment of energy performance of buildings. It is a basic standard for the EPB standards dealing with design and energy performance of buildings including heating, cooling, ventilation and lighting systems together with acoustic. The standard recommends criteria for the indoor environment (thermal comfort, air quality, illumination and acoustic) which must be used as input parameters in several other EPB standards for design and energy calculations. The new standard will be rewritten to include only normative text. It will then be accompanied by+ a technical report (guideline, TR15251). An important new part will be a series of standardized occupant schedules to be used in energy calculations.

In parallel a similar ISO standard NW17772 is being developed. The workshop will present the draft standards and accompanying technical report followed by a discussion of some of the issues. Reference and comparison to ASHRAE standard 55-2013 and 62.1-2013 will also be drawn to put the issues in both a European and a US perspective.