

## **WORKSHOP PROPOSAL FOR 2012 NCEUB WINDSOR CONFERENCE**

**Title: Standards for the indoor environmental Quality**

**Chair: Bjarne W. Olesen – International Centre for Indoor Environment and Energy, Technical University of Denmark.**

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### **Workshop description:**

This workshop will deal with criteria for the indoor environmental quality, which can be found in international and national standards and rules. Three different papers will present the background to the following discussions and provide lead ideas that can be developed and discussed during the session.

This workshop will start with a paper by Baizhan Li of Chongqin university on “ New Chinese standard for the indoor environment” followed by a paper by Runa Hellwig from Augsburg University of Applied Science titled "Developing a Revised Rule on Workplace Temperature Requirements". Finally Bjarne W. Olesen will present a paper on “Revision of EN15251 standard related to criteria for the indoor environment”

The main focus of the workshop will be to discuss how existing standards and guidelines for the indoor environmental quality (thermal comfort, indoor air quality, lighting and acoustic) can be improved. Is it possible to make a standard that can be used worldwide for all types of buildings or do we need national standards?

The workshop shall give input to an upcoming revision of EN15251 with the aim to make an ISO-EN standard, which will provide indoor environmental criteria for design of buildings, calculation of energy performance of buildings and evaluation of the indoor environment.

### **Workshop format & program**

This workshop will after a couple of back ground presentations lead into a general discussion and listing of ideas and issues to be dealt with in future revisions of standards.