OB-17

Joint IEA EBC Annex 66 and 69 Symposium on Occupant Behaviour and Adaptive Thermal Comfort Wednesday, 17 May 2017 at the Technical University of Denmark

OB-17 is the third international symposium focusing on monitoring, modelling, and manipulating occupant behaviour and the energy and comfort consequences of these behaviours. It aims to bring researchers from Annex 69 and Annex 66 together to share recent research, technological developments and best practices on the understanding and influence of adaptive thermal comfort and occupant behaviour in buildings.

Researchers and practitioners from broad backgrounds (engineering, architecture, psychology, sociology, marketing, etc.) are encouraged to participate. OB-17 aims to stimulate discussions and debate on adaptive thermal comfort and occupant behaviour. The symposium follows a two day Annex 69 expert meeting on adaptive thermal comfort and, is followed by a two-day Annex 66 meeting on Modelling of Occupant behaviour in buildings. Both meetings will be held at the Technical University of Denmark (DTU).

The symposium will consist of the following four sessions:

Measuring the environment, occupant behaviour and its triggers: physical and physiological

- Physical and physiological drivers for different behaviours
- Physiological proxies for comfort
- Measuring occupants' behaviour

Measuring the environment, occupant behaviour and its triggers: social and psychological

- Social and psychological drivers for different behaviours
- Influence of social and psychological aspects on thermal comfort

Modelling occupant behaviour at the building and population scales: integration into building models and standards

- Models of adaptive comfort
- Models of occupant behaviour

Learning from case study buildings: lessons from occupant behaviour in exemplar buildings - Case studies including thermal comfort and/or occupant behaviour

Each session will be divided into slots of 20 minutes (including questions and discussions).

We invite participants who would like to present to submit an abstract of maximum 300 words, describing their potential talk. These will go through a blinded review process which will form the basis for the selection of talks.



Please send your abstract in pdf format to <u>annex.meetings@byg.dtu.dk</u> before the 15th of March 2017. Remember to indicate which session you would like to present in.

Prices

Annex 69 meeting including lunch both days and dinner on May 15: 1400 DKK

OB17 symposium including lunch and reception (not dinner) on May 17: 500 DKK

Annex 66 meeting including lunch both days and dinner on May 18: 1400 DKK

Registration

Please register before April 30 via the following link: http://www.conferencemanager.dk/annex66meeting

Important dates

March 15	Submission of abstract	
April 15	Notification of acceptance	
April 30	Deadline for registration	
May 15-16	Annex 69 meeting	
May 17	OB17 symposium	
May 18-19	Annex 66 meeting	

Venue

The Symposium will be held at the Technical University of Denmark in Lyngby,

You can find a map of the campus here: <u>http://www.dtu.dk/english/about/campuses/dtu-lyngby-campus</u>

Location: The glass hall in Building 101 (the main building).

Accommodation

There are many hotels in Copenhagen and a few closer to the campus in Lyngby.

There are many hotels in central Copenhagen at all price ranges. Staying in downtown Copenhagen is convenient if you want to experience the city. You can reach DTU by S-train and bus from downtown or directly by a bus from downtown, which will take you about 20-30 minutes. If you would like to stay closer to the campus, you can find a list of hotels close to campus here: <u>http://www.byg.dtu.dk/english/about/contact_and_practical_info/accomodation</u>





Getting around

DTU's main campus is located in Lyngby 15 km north of Copenhagen. You can reach the main campus by car or by public transportation.

By bus or train

Several busses cross or pass the campus area and Lyngby Station is just 2 km away with even more bus connections.

Trains depart from Copenhagen Airport every 2 - 10 minutes with stops at the main stations of Copenhagen: Copenhagen Central Station, Vesterport, Østerport, and Nørreport.

The price of a ticket for this journey is around DKK 60. All in all it takes about 50 minutes to get to DTU from the airport.

See how to get to DTU with public transportation from the airport and the main stations of Copenhagen here: <u>http://www.dtu.dk/english/Education/International-Student-</u> <u>Guide/Transport-and-travel/Public-Transport</u>

You can plan your trip on <u>http://www.rejseplanen.dk/</u> or <u>https://www.google.dk/maps</u> .

By Bicycle

Cycling is very common in Denmark. Many people use bicycles as their primary means of transport—in fact more than 40 per cent of all Copenhageners commute by bicycle! Copenhagen has a fleet of electric bikes with built in Gps for rent on an hourly basis (they are called ByCykler – city bikes in Danish). If you would like to do a bit of sightseeing in Copenhagen doing so by bike is a great opportunity. Read more about bikes in Copenhagen here: <u>http://www.dtu.dk/english/education/international-student-guide/transport-and-travel/bicycle</u>

Please bear in mind, that there are no ByCykel stations at DTU. So if you go to DTU on a rented ByCykel, you will have to pay for the entire day.

By car or taxi

See how to get to DTU by car or taxi here: <u>http://www.dtu.dk/english/About/CAMPUSES/DTU-LYNGBY-Campus/Getting-there</u>



Program

DATE	ACTIVITY	
MONDAY, MAY 15, 2017	Annex 69 meeting. Starts at 10:00 until 17:00. Meeting dinner.	
TUESDAY, MAY 16, 2017	Annex 69 meeting. Starts at 09:00 until 16:00.	Brady - AR
WEDNESDAY, MAY 17, 2017	OB-17 Joint Annex 66 and 69 symposium on occupant behavior and adaptive thermal comfort. Starts at 08:30 with breakfast. The session starts at 09:00 and ends at 17:00, followed by a reception (no dinner).	
THURSDAY, MAY 18, 2017	Annex 66 meeting. Starts at 09:00 until 16:00. Meeting dinner at Restaurant Flakfortet <u>http://www.flakfortet.com/restaurant-</u> <u>conference</u>	
FRIDAY, MAY 19, 2017	Annex 66 meeting. Starts at 09:00 until 15:00.	



Inspiration for sightseeing trips

COPENHAGEN

- The best city in the world for biking
- The happiest people on earth
- Interesting architecture















COPENHAGEN

SELECTED TOURIST ATTRACTIONS

Tivoli Gardens

The Little Mermaid

Nyhavn

The royal castles

Nordic cuisine and Michelin dining

Strøget shopping street

The Round Tower

The National Gallery of Denmark

Open air museum

Kronborg (castle of Hamlet)



DENMARK SELECTED TOURIST ATTRACTIONS

Open air museums

Kronborg (castle of Hamlet)

Hans Christian Andersen Museum, Odense

Egeskov Castle, Kvarnstrup

Legoland, Billund







