

BuildSim-Nordic 2017 21st & 22nd September, Lund, Sweden

The BuildSim-Nordic conference 2017 was held on the 21st & 22nd of September at Lund University, Lund, Sweden organized by IBPSA-Nordic.

The purpose of the event was to create a platform for exchange of ideas and research, and to establish cross-country collaboration regarding research in the field of building performance simulations among all Nordic countries.

The event was a great success, collecting 20 participants listening to 15 dedicated presentations from ongoing research. The sessions were divided into topics on energy, thermal comfort, energy and costs and daylight. Two workshops were run on the second day. One workshop gave an opportunity to advance attendees skills in daylight simulation. In this workshop, the attendees learned how to set up a daylight simulation using Honeybee in Grasshopper through a guided hands-on example. Honeybee connects your geometry to Radiance, the most rigorously validated daylight simulation engine.

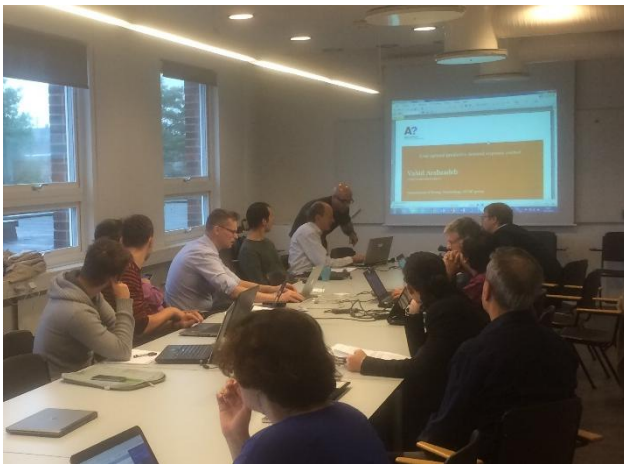


Figure. from the conference

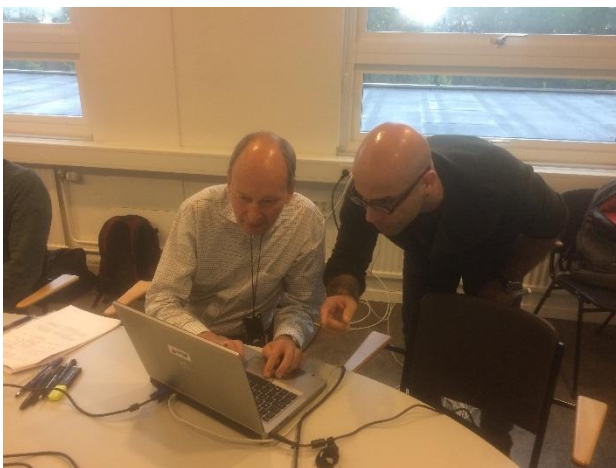


Figure. Conference organizer Prof Åke Blomsterberg, LTH, Sweden at work

Mika Vuolle from equa held the second workshop and shared his insights, suggested suitable approaches, distributed the latest models he has made etc. to tackle 'simulation challenges'. Rest of the time was used for tip & tricks and he was also able to show some new features of IDA ICE v4.8; for example parametric run, which will be a 'dynamite' feature especially for researchers. In addition, the presentation of a new link between IDA-ICE and free full fledged CFD software was very interesting to see.

The IBPSA Nordic Simulation Award (2017) was given out to Iason Bournas, LTH and announced to all IBPSA-Nordic members by email and on IBPSA-Nordic web page. The criteria for the award are an outstanding research or implementation work in the field of building simulation, and the selection of award receiver is made by the IBPSA-Nordic board.



Figure. Iason Bournas, LTH, awardee of the IBPSA-Nordic Simulation Award 2017. CONGRATULATIONS!

Former awardees of the IBPSA-Nordic Simulation Award include,

- Sunliang Cao (2014)
- Marc Azar (2015)
- Zsófia Bélafi (2016)