

Invitation

Muttenz, March 2015
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Invitation to the IBPSA-CH *Feierabendseminar* on June 9th, 2015 – begin at 17:00 hours

Dear IBPSA-CH member,

please feel warmly invited to the *Feierabendseminar*

**Building Management Systems and Building Performance
Simulation: Collaboration or separate paths?**

(Gebäudeautomation und Gebäudesimulation: Gemeinsame Reise oder
getrennte Wege?)

Building performance simulation specialists develop control algorithms which allow for the control of simulation models to perfection - following the goal of having the best possible thermal/indoor comfort with a minimum of energy demand. But, how does the building actually perform when finally built and in use? Is the BMS contractor aware of the algorithms developed for the building by a simulation specialist in earlier stages of planning? If yes, how do they communicate?

The *Feierabendseminar* will try to shed some light on these (and other, related) questions.

We will have two Keynotes, one by **Mr. Beguery of Schneider Electric**, Grenoble F. He will introduce the project „Tribute“, which aims at transferring algorithms developed for simulation models directly to real-world hardware. Ideally, the actual building will then perform according to the simulation model. The second Keynote will be by **Mr. Müller of Müller Systemtechnik AG**, Bern. He is well acquainted with BMS-Installations from the practical side and is typically responsible for making absolutely sure that overhead windows open for night-time cooling of an Atrium actually do close as specified when it rains. He knows the ins and outs of PLCs and how a rain sensor must be connected to this.

We aim to close – or at least reduce – the gap between these two worlds. We hope that the simulationist will think about the rain in future and that the BMS contractor will remember that optimisation of HVAC systems can be done by simulation.

We hope to be able to welcome many of you to this *Feierabendseminar*.

Our **GA of 2015** will be held after the Seminar and prior to a small Aperó. A separate invitation for the GA, the location in Bern and a detailed agenda for the evening will follow shortly.

Kind regards,

The Board

IBPSA-CH, 2015