

## Minutes of IBPSA-USA Emerging Simulation Technology Research Subcommittee

**Time:** 1pm - 2pm EDT 3/17/2016

**Participants:**

Nathaniel Jones (MIT) (chair)  
David Bosworth (BUILDLab)  
Sang Hoon Lee (LBNL)  
PC Thomas (Team Catalyst)  
Wangda Zuo (Miami)

**Location:** GoToMeeting

**Notes:**

*Focus Group Results*

The [results of the focus group](#) held at the ASHRAE Winter Conference have been posted, and [some comments](#) have been received. Broadly summarized, the results include recommendations for IBPSA and the Research Committee to better work with practitioners, and a list of areas which will benefit from research attention.

The subcommittee's next step should be to find out more about the current state of practice and the availability of current resources that address the identified shortcomings. The subcommittee will develop a list of current resources and draft a questionnaire for practitioners. It will then identify existing tools and resources that could be used to fill in gaps.

*DOE Energy Modeling Roadmap*

IBPSA-USA is developing a response to the recent [Energy Modeling Roadmap](#) draft commissioned by the Department of Energy. Subcommittee members are encouraged to review the document and submit comments through IBPSA's [comment form](#).

*Upcoming Events*

A proposal has been accepted for a seminar on "Low-Cost High-Performance Building Simulation. Is that too good to be true?" at the ASRHAE Annual Conference in St. Louis. The proposal was submitted by Wangda Zuo with speakers David Bosworth, Nathaniel Jones, and Neal Krus.

The subcommittee contributed to a recent Boston Chapter event by webcasting it, and drew an online audience of 40 viewers. Subcommittee members are encouraged to publicize the Research Committee by offering similar services for other related events. Events should be listed on the [Committee's website](#) to provide a record of Committee activity.

**Actions:**

- Subcommittee members will suggest resources to address focus group recommendations through [this shared document](#).
- PC Thomas will draft a questionnaire to assess the state of domain knowledge in practice through [this shared document](#). Subcommittee members will offer assistance and comments.
- Subcommittee members will suggest future events that the subcommittee may publicize or participate in.

**Next meeting:**

To be determined by poll.