

Minutes of IBPSA-USA Emerging Simulation Technology Research Subcommittee

Time: 2pm - 3pm EDT 9/9/2015

Participants:

Nathaniel Jones (MIT) (chair)
Jeffrey Boyer (U. Michigan)
David Bosworth (BUILDlab)
Sen Huang (Miami)
Wangda Zuo (Miami)

Absent:

Michael Georgescu (UCSB)
Scot Halverson (LANL)
Nicholas Long (NREL)
Jibonananda Sanyal (ORNL)
Michael Wetter (LBNL)

Location: GoToMeeting

Notes:

News

Minutes from meetings will now be posted on the IBPSA-USA Research Committee's website (<http://www.ibpsa.us/committee/research-committee>). The website will also list times for meetings in advance of the meetings.

The chair or co-chair of the subcommittee must be a member of IBPSA-USA.

The IBPSA-USA Research Committee submitted two seminar proposals for the 2016 ASHRAE Winter Conference in Orlando (January 23-27, <http://ashraem.confex.com/ashraem/w16/cfp.cgi>).

Working Plan

The IBPSA-USA board has asked for a twelve-month working plan from the Research Committee. This plan will be made based on recommendations from the subcommittees. The subcommittee's strongest interests are in developing a whitepaper to guide the building industry and in developing ties with fundraising organizations. However, it is in IBPSA's best interest that it present itself to funding organizations with a single entity, so the subcommittee should not contact funding organizations independently.

The whitepaper should poll industry leaders to identify current shortcomings in simulation and opportunities for emerging simulation technologies. A focus group was proposed to be held in conjunction with the ASHRAE Winter Meeting and IBPSA board meeting. Participants from industry and the DOE should be contacted and introduced to IBPSA and the subcommittee in advance. Participants may also be invited to attend the subcommittee teleconferences.

Conferences

The next IBPSA-USA conference will be SimBuild 2016 (August 10-12, <http://ashraem.confex.com/ashraem/ibpsa16/cfp.cgi>). This could offer an opportunity for seminars and

focus groups similar to the ASHRAE Winter Meeting. However, this may be overcommitting the subcommittee's resources, currently.

Actions:

- Jibo will contact potential focus group participants from DOE, including technology development managers.
- Jeff and David will contact potential focus group participants from industry.
- Nathaniel will develop introductory slides that present IBPSA and the subcommittee. These will be shared with the subcommittee for comments.
- Nathaniel will contact Mike Barker about using the IBPSA LinkedIn group or another forum to feature relevant journal and conference papers.

Next meeting:

To be determined by poll.