



Issue 3  
April 2012

# IBPSA-USA Newsletter

## About this Newsletter

The IBPSA-USA Newsletter will be published every 3 months to inform its membership about current and emerging events in building simulation. To submit articles, send email to [newsletter@ibpsa.us](mailto:newsletter@ibpsa.us)

## SimBuild 2012 Conference in Madison, Wisconsin, USA

IBPSA-USA's 5th biennial conference, SimBuild, will be held at the Madison Concourse Hotel in Madison, Wisconsin on August 1-3, 2012.

SimBuild is the premier building modeling conference in the US and the technical program features peer-reviewed papers, a student poster session and



*Union Terrace, Madison, WI, location of SimBuild 2012.*

## Upcoming Events

BEMBook Workshop, Nova Scotia, Canada, May 1, 2012  
IBPSA-USA semi-annual meeting, San Antonio, TX, June 23, 2012  
BEMBook Workshop, Madison, WI, July 30, 2012  
SimBuild 2012 Conference in Madison, WI, August 1-3, 2012  
ASHRAE Energy Modeling Conf., Atlanta, GA, October 1-3, 2012

seminars on selected industry topics with invited speakers.

Over 90 technical papers have been submitted and are under review for inclusion in the conference with topics dealing with computer-based building performance simulation (BPS) with the scope ranging from individual building components to whole buildings and neighborhoods. All of the papers that complete the review process will be presented at the conference in oral presentations.

In addition to the technical papers, a limited number of non-peer-reviewed oral presentations are being organized in topics of current interest to enable practitioners and researchers to address simulation-related issues in a less formal setting than a paper presentation.

Pre-conference workshops are being organized for the two days prior to the conference. The current slate of workshops includes the IBPSA-USA Building Energy Modeling Workshop, Modeling Thermal Comfort, Daylighting, and software specific workshops on IES-VE, TRNSYS, Revit, OpenStudio, eQuest, and EnergyPlus. Please check the SimBuild website for more specific information.

As at past SimBuild conferences, scholarships for students to attend the conference will be made available. The scholarships can be used to cover conference registration, accommodations, and travel expenses. The final touches are being made to the applications and evaluation procedures and will be posted on the conference website when finalized.



*Capitol and Overture Center, Madison, WI.*

Conference sponsorships are still being actively sought. If your company is interested in helping make the conference a huge success by helping out financially, please contact the conference organizers at [simbuild2012@gmail.com](mailto:simbuild2012@gmail.com).

Madison, Wisconsin's capitol city, is one of the most naturally beautiful metropolitan areas in the country. Surrounded by five glacial lakes and a world-class university, the city is an extraordinary blend of commerce, recreation and cultural opportunities. Set on an isthmus between two scenic lakes, Madison's Central Business District encompasses the heart of downtown Madison, where the famed State Street pedestrian mall links the Capitol square, seat of Wisconsin state government, to the University of Wisconsin campus. The central downtown is home to more than 1,500

businesses - from shops, boutiques, and restaurants to financial, law and communications firms--plus museums and cultural destinations. The Madison Concourse Hotel and Governor's Club is located right in the heart of downtown Madison, near the State Capitol, State Street, Overture Center, lakes, University of Wisconsin campus and Monona Terrace Convention Center.

We hope you make plans to join your colleagues from across the US and the world in Madison next summer. Please visit [www.ibpsa.us/simbuild2012](http://www.ibpsa.us/simbuild2012) for updates on the conference.

For further information, visit <http://www.ibpsa.us>. For previous conferences and their publications, visit <http://www.ibpsa.us/publications.shtml>

### **IBPSA-USA Semi-Annual Meeting in Chicago**

IBPSA-USA conducted its semi-annual meeting in Chicago on January 21, 2012, from 4-9pm at the Parthenon Restaurant. Joe Deringer presented an overview about web-based workforce training that is based on technology from the computer games industry and backed with simulation models. The after dinner speaker was John House from Johnson Controls, whose presentation was "Better Building Controls Through Simulation." His presentation is available at <http://www.ibpsa.us/publications.shtml>



*Semi-Annual IBPSA-USA meeting at Chicago, IL.*

## BEMBook Workshops

IBPSA-USA presents several workshops about Building Energy Modeling. These workshops cover modeling fundamentals, ASHRAE 90.1 performance rating, modeling best practices, modeling to inform design and measurement & verifications. Slides can be downloaded from <http://www.bembook.ibpsa.us/index.php?title=Downloads>

The next workshops will be held at the following locations (see [http://www.bembook.ibpsa.us/index.php?title=Plan\\_and\\_Status](http://www.bembook.ibpsa.us/index.php?title=Plan_and_Status) for an updated list and links to registration):

May 1, 2012 - Nova Scotia, Canada,  
during the IBPSA Canada eSim conference.

May 18, 2012 - Raleigh-Durham, North Carolina

May 21 to 23, 2012 - Seattle, Washington

July 30, 2012 - Madison, Wisconsin,  
prior to IBPSA-USA's SimBuild conference

October 29 to 31 - Atlanta, Georgia



## IBPSA-USA Regional Chapters

IBPSA-USA has provisionally approved six regional chapters throughout the United States. The regional chapters provide an opportunity for local people to meet and discuss issues that arise in building simulation.

Approved Provisional Chapters include Boston, Houston, New York City, Raleigh-Durham, San Francisco and Washington DC.

Chapters in the following cities are in the process of applying for membership approval: Philadelphia, Portland, Seattle, and Twin Cities.

For chapter information, visit <http://www.ibpsa.us/chapters.shtml>

If you are a group interested in forming a local chapter in your area within the United States, please contact Shanta Tucker at [shanta.tucker@atelierten.com](mailto:shanta.tucker@atelierten.com).

## Daylight Meeting at MIT, organized by IBPSA-USA's Boston Chapter



*Workshop participants.*

To further their mission of bringing together building simulation practitioners and researchers, the Boston Chapter of IBPSA-USA held a Daylight Simulation in Design event with speakers from MIT, Singapore University of Technology, and the lighting consulting firm LAM Partners. The February 7th event was attended by 180 in-person and online attendees. A social event followed to celebrate the Boston chapter's one-year

anniversary. In March, the Boston Chapter of IBPSA-USA, in collaboration with ASHRAE Boston and AEE New England, held a dinner event titled "Energy Modeling in Practice." Speakers from Enermodal Engineering and TNZ Energy Consulting drew a sold-out crowd of 200 attendees, and the event was webcast live. Recordings of these and past events are available at <http://ibpsa-boston.com/Events.html>.

To join the Boston Chapter's mailing list to keep abreast of future events email [ibpsa.boston@gmail.com](mailto:ibpsa.boston@gmail.com).