



SimBuild 2010

4th National Conference of IBPSA-USA
August 11 - 13, 2010 - New York, NY



SimBuild 2010 Call for Abstracts

Building Sustainability & Performance Through Simulation

IBPSA-USA is accepting abstracts for its fourth biennial conference on building performance simulation, SimBuild 2010. **Please note that November 30th, 2009 is the deadline for all abstracts.** See below for more information about SimBuild 2010 including other key deadlines.

The conference organizers are limiting the number of peer-reviewed oral presentations in order to maintain a high level of quality in the papers. Submissions will therefore be rigorously peer-reviewed. Abstracts may be on a variety of building and environmental simulation topics, such as:

- Building systems or components modeling
- Algorithms for modeling conventional and innovative HVAC systems and applications
- CFD applications in buildings
- Weather and building performance
- Case studies that exhibit in-depth use of simulation software
- Simulation software development, validation and quality control approaches
- Architectural and engineering data visualization and animation
- Optimization approaches in building design
- Modeling occupant behavior
- Modeling on a larger scale – campuses, cities, and stock modeling
- Modeling for regulation – incentive programs, municipal requirements, reviewing processes
- Use of models for facility management – calibration and modeling existing buildings
- Integration of modeling software – multi-stage modeling in practice
- Daylight modeling and interaction with energy estimation modeling

Authors should indicate a preference for poster or oral presentation. In addition, a limited number of non-peer-reviewed oral presentations are sought in order to enable practitioners and researchers to address simulation-related issues of strong current interest - please contact Corinne Benedek (212-896-3168, corinne.benedek@arup.com) or Jorge González (212-650-5279, gonzalez@me.cuny.cuny.edu).

The meeting is open to all, world-wide. Being in New York City is a convenient destination for travelers from major cities in the U.S. and in many other countries. The conference will be housed in New York University's Kimmel Center in Greenwich Village in Lower Manhattan. The surrounding neighborhoods and the remainder of New York City offer a wide variety of attractions of all sorts. Conference housing will be offered in nearby hotels. Accommodation with local IBPSA chapter members will be available for students in need. We look forward to welcoming you to New York City!

Submission of Abstracts:

Abstracts are due by November 30th, 2009 and should be a maximum of 200 words. Abstracts should be submitted to Simbuild2010@gmail.com. Please check back to the conference website for submission details at www.ibpsa.us/simbuild2010

Organizing Committee:

Conference Chair:
Michael Bobker, Institute for Urban Systems, CUNY

Scientific Committee:
Jorge Gonzalez, Co-Chair, CUNY
Corinne Benedek, Co-Chair, Arup
Jeff Haberl, Texas A&M
Phil Haves, LBNL
Dan Nall, WSP Flack+Kurtz
Michael Wetter, LBNL

Key Dates:

October 1st, 2009
Nov 30th, 2009
January 8th, 2010
Feb 26th, 2010
Mar 31st, 2010
Apr 30th, 2010
May 31st, 2010
Aug 11 - Aug 13

Call for abstracts
Abstracts due
Abstract acceptance
Papers due
Paper reviews provided to authors
Revised papers due
Final decisions on all papers
SimBuild 2010 conference

