



ASHRAE and IBPSA-USA SimBuild 2016: Building Performance Modeling Conference

August 10 - 12, 2016 • Salt Lake City, UT, USA • www.ashrae.org/SimBuild2016

On August 10-12, 2016, ASHRAE and IBPSA-USA will jointly host a conference at the Salt Lake Hilton Hotel in Salt Lake City, Utah. The ASHRAE and IBPSA-USA SimBuild 2016: Building Performance Modeling Conference has announced a call for presenters.

“The practical application of modeling buildings includes a broad range of professional services requiring an equally broad range of expertise, knowledge, skills and tools. This call for presentations addresses these practitioner needs,” Dennis Knight, conference chair, said.

While energy may be the single-most highly visible form of modeling, it is clear that practitioners face many other requirements.

“This expanded scope of work facing modelers combined with integrating tools like BEM and SIM with BIM describe the challenges facing practitioners today. Through the call for presenters and invited speakers, the conference aims to provide ways to address these common concerns.”

A call for papers recently closed. More than 166 abstracts were accepted. For authors of accepted abstracts, papers are due January 15, 2016.

Call for Presenters

The conference seeks practical application presentations on the following building modeling topics:

- Energy efficiency
- HVAC component modeling and load analysis
- Urban scale modeling
- Lighting and daylighting
- Optimization
- Computational fluid dynamics
- Data exchange and interoperability
- Energy auditing
- Life cycle cost and economic analysis
- Model calibration and validation
- Automation and scripting



- Weather data for modeling
- Occupant comfort
- Heat, air, moisture modeling
- Uncertainty analysis
- Big data applications for large scale simulations
- Standards, organization, best practices and workflow for BEM and SIM
- Documenting existing conditions in BIM using photographs, laser scans and point clouds for use in BEM and SIM applications

Modelers, software developers, architects, engineers, building owners and other practitioners are invited to submit presentation proposals addressing case studies, workflow and process, cloud-based solutions, and challenges and workarounds.

Submit your proposal today!

Presentation proposal abstracts (400 or less words in length) and a 100-word promotional abstract are due Feb. 3, 2016. Papers are not required for accepted presentation proposals.

To submit an abstract, go to www.ashrae.org/SimBuild2016 Invited speakers and keynote speakers will be announced soon. Future updates can be found on the website.