

ASHRAE IAQ 2013

Environmental Health in
Low Energy Buildings



October 15–18, 2013
Vancouver, British Columbia
www.ashrae.org/IAQ2013



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Interested in Presenting?

Indicate your intention to submit paper abstracts & workshop proposals to IAQ2013@ashrae.org or visit www.ashrae.org/IAQ2013 to submit an abstract.

Interested in Attending?

Please sign up for IAQ 2013 list-server at www.ashrae.org/IAQ2013 or e-mail IAQ2013@ashrae.org

For more information visit the conference website: www.ashrae.org/IAQ2013

First Announcement and Preliminary Call for Abstracts

Purpose of the Conference

Besides addressing thermal comfort and other IEQ issues, buildings and other enclosed spaces are increasingly challenged to provide a healthy environment in an energy efficient manner. The complex relationship between indoor and outdoor environmental conditions, coupled with the impacts of climate change, requires a paradigm shift towards creating buildings that are comfortable and healthy for the occupants yet also energy efficient. Although the goal of improved IAQ and thermal comfort can be achieved by increasing energy consumption, it can also be achieved without significant increase or even with decreased energy consumption. However, there is little information on how to improve energy efficiency in buildings while still ensuring healthy, comfortable and safe indoor environments. IAQ 2013 will review the state of knowledge of the balance of environmental health and energy efficiency in buildings and help define future education, policy and research directions. The roles of building, HVAC and passive system design and operation for achieving good environmental health in low energy buildings (both new and retrofit) will be the core theme of this conference.

The conference program will include internationally acclaimed keynote speakers, original peer reviewed conference papers, extended abstracts, as well as workshops and panels addressing indoor environmental quality in low-energy buildings.

Target Audience

ASHRAE welcomes engineers, researchers, architects, health professionals, policy makers, building owners, designers, developers, manufacturers, and builders, those who commission and operate buildings, as well as IAQ investigators and remediation experts.

Call for Abstracts

Submissions on IAQ, thermal comfort, source control, air cleaning, ventilation, exposure and related environmental health concerns associated with low energy building design, construction, retrofit, and operation issues are the focus of this Call for Abstracts. All proposed submissions must be relevant to the conference themes to be accepted. The abstracts should briefly (< 300 words) describe hypotheses or objectives, research methods, findings and conclusions. All papers and presentations must provide a technical evaluation of an issue or concept. Whole building studies must present data related to both IEQ and energy performance. All submissions must include sufficient information on methods used for data acquisition and analysis to enable thorough review and informed interpretation.

Authors will be given the choice to present conference papers or extended abstracts which must be prepared for all accepted presentations; both conference papers and extended abstracts will be subject to peer review. The accepted papers and extended abstracts will be published in the conference proceedings, which will be available at the conference and afterwards in a Conference Proceedings publication.

Abstracts for conference papers and extended abstracts can be submitted [here](#).

Abstracts are Invited for the Following Topics:

- Environmental Health in Low Energy Buildings
- Moisture and Health
- Sources and Chemistry
- IEQ Factor Interactions
- Residential Buildings
- Commercial and Institutional Buildings
- Air Cleaning and Filtration
- Microorganisms and Infection
- Tools (models, measurements and more)

Click [here](#) to submit an abstract for IAQ 2013 or to see a description and submission requirements for each of the 9 conference topics.

Deadline: December 15, 2012

Preliminary Call for Workshop Proposals

Workshops, lasting one to two hours, will investigate topics of interest in a more interactive setting. One page descriptions of proposed workshops should include the key question(s) to be addressed, the format and duration, the lead organizer, and the other panel participants. Workshop presentations should be limited in number and length, as they are not informal papers. The intention of workshop presentations is to frame the questions that are to be discussed during the workshop, providing background and a clear statement of the issues intended for discussion at the workshop.

Important Dates

- Abstracts and initial workshop proposals due: **December 15, 2012**
- Notification of acceptance: **February 10, 2013**
- Submission of draft papers and completed workshop proposals: **April 15, 2013**
- Completion of peer review: **June 15, 2013**
- Final papers due: **September 1, 2013**

For more information visit the conference website:
www.ashrae.org/IAQ2013