

# 13th Canadian Conference on Building Science and Technology

## The Future of the Building Envelope... Building Upon Our Past

May 10-13, 2011  
Winnipeg, Manitoba, Canada

### CALL FOR PAPERS

#### Overview:

The *Canadian Conference on Building Science and Technology* provides a forum for the presentation, discussion and sharing of practical building science research, knowledge and field experience. Traditionally, the conference has brought together architects, engineers, building scientists and researchers to discuss building science principles and issues governing the design, construction, repair, renovation and operation of all building types. For the past 30 years, this highly successful conference has earned a reputation for focusing on real world experiences, problem solving and applied research in the study of the performance of building envelope systems.

The 13th Canadian Conference on Building Science and Technology is presented by the National Building Envelope Council (NBEC) and will be organized and hosted by the Manitoba Building Envelope Council (MBEC) at the historic Fort Garry Hotel, a luxurious châteaux style hotel built in 1913, located in downtown Winnipeg on May 10-13th, 2011. The theme for the 13th Conference is:

#### **“The Future of the Building Envelope...Building Upon Our Past”**

The 13<sup>th</sup> conference will emphasize new innovations and ideas which are still under development in the building science industry and illustrate how our past techniques and technology have helped to bring us to this point. We, as an industry, are being pushed to design buildings which meet higher standards. Whether the push is to design highly efficient buildings, use greener technologies, or come up with new sustainable solutions, we would like to address the question of how this has or will affect research and current and future building practices. How will the industry evolve due to the pressures of regulations, market transformation and sustainability?

Will the learning curve be as great, as in the past, as we enter into a new time of change and integration proceeding at a much faster pace?

## Call for Abstracts

You are invited to submit an abstract, no longer than 350 words, which summarize the objectives, approach, results and conclusions of the proposed paper. Include the name, title, and affiliations of all authors as well as mailing address, phone, fax and e-mail contact information for the lead author as listed below. Use 10-point Times New Roman font only (no exotic fonts, please!) for your abstract.

### **Please format your submission as follows:**

**Line 1:** Your name

**Line 2:** Your e-mail address and telephone number

**Line 3:** Is the presenter a student?

**Line 4:** Paper title in title case and italics (i.e. *Paper Title in Title Case*)

Author(s) name(s) in all caps and bold (i.e. **JOHN DOE**) Full address(es) for each co-presenter, including institution, street address, city, province/state, and postal/zip code, e-mail address for person(s) facilitating the presentation

**Line 5:** Leave blank

**Line 6:** Text of abstract (Limit: 350 words)

**Abstracts must be received by May 31st, 2010 to be considered for the conference program.**

Authors will be informed of the status of their abstracts by June 30, 2010. Instructions for preparation of papers will be sent to the lead authors of accepted abstracts.

We are particularly interested in papers that describe instances of feedback leading to:

- improved outcomes where failures have suggested novel avenues of research or revised conceptual frameworks for designers
- new products, systems or techniques for improved building enclosure performance
- improvements to computational models, or other design tools prompted by field experience or experiment
- novel methods of management, organization, or quality assurance
- new research and revised design understanding
- construction methods
- retrofit of existing building structures to modern energy and sustainability design standards

- building commissioning and whole building performance verification
- air tightness testing of whole buildings
- HVAC and air tightness harmonization
- concept of building science as a profession and industry capacity building to meet future building demands
- cost effective and practical solutions to new building construction and retrofits for existing structures that balance economics, regulatory pressures and existing market capacity
- increased use of smart building technologies to operate buildings in a pro-active and computerized environment
- integrating the building envelope design into the built environment

Potential authors include: architects, engineers, building scientists, contractors, developers, maintenance professionals, property managers, technical representatives and building codes and regulatory authorities.

### **Important Dates:**

<b>Submission of Abstracts</b>	<b>May 31, 2010</b>
<b>Notification of Acceptance</b>	<b>June 30, 2010</b>
<b>Submission of Papers</b>	<b>August 31, 2010</b>
<b>Completion of Peer Review</b>	<b>September 30, 2010</b>
<b>Submission of Reviewed Papers</b>	<b>October 31, 2010</b>
<b>Completion of Editorial Review</b>	<b>January 31, 2011</b>
<b>Submission of Final Papers</b>	<b>February 28, 2011</b>
<b>Conference</b>	<b>May 10-13, 2011</b>

**Submit abstracts electronically to [info@becwinnipeg2011.com](mailto:info@becwinnipeg2011.com)**

For more information about MBEC, please refer to our website at [www.mb-bec.ca](http://www.mb-bec.ca)

Conference registration and other information is available on-line at the official conference website [www.becwinnipeg2011.com](http://www.becwinnipeg2011.com).

*We look forward to seeing you in Winnipeg, May 10-13<sup>th</sup>, 2011*