



# The Herring Choker

**ASHRAE**  
NB PEI CHAPTER



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Our next Chapter meeting is scheduled for February 9 at Sirocco Restaurant (40 Weldon St, Moncton, NB). The February meeting will be our **Membership Night**. We will also be hosting ASHRAE Region II Research Promotion RVC (Regional Vice-Chair) Anthony Jonkov of the Montréal Chapter. A presentation will be shown on Dedicated Outdoor Air Systems

## **Executive Meeting Notice**

A reminder to the Executive, Board of Governors, and the Committee Chairpersons that the executive meeting will start at 4:00 PM at Sirocco.



Chapter President Mike Boudreau (left) presents Andrew Nader with a gift from the chapter following his presentation at the January Meeting. Mr Nader provided a presentation on high induction diffusers.

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## February Meeting Topic

Brad Matheson of Enertrak will be presenting a seminar on High Performance Dedicated Outdoor Air Systems (DOAS).

## Speaker Bio

Brad Matheson is a graduate of the Technical University of Nova Scotia (TUNS) with a degree in Chemical Engineering. He has over 15 years experience in Mechanical Building Systems, and is currently the Commercial Sales Manager for Atlantic Canada with Enertrak.

## Nominations Open for NB/PEI Chapter Technology Awards

Do you have a project you are proud of?

The purpose of the ASHRAE Technology Awards program is to:

- Recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data;..
- Communicate innovative systems designs to other ASHRAE members;
- Highlight technological achievements of ASHRAE to others, including associated professionals and societies worldwide, as well as building and facility owners.

Each year the Society may present awards in six categories: Commercial Buildings (New, Existing, Retrocommissioning); Institutional Buildings (New, Existing, Retrocommissioning (Educational Facilities and Other Institutional)); Health Care Facilities (New, Existing, Retrocommissioning); Industrial Facilities or Processes (New, Existing, Retrocommissioning); Public Assembly (New, Existing, Retrocommissioning); Residential.

<https://www.ashrae.org/membership--conferences/honors--awards/technology-awards-program>

## ASHRAE Technology Awards NB/PEI Chapter Competition

Applications will be accepted until Friday April 3/ 2015

All applications should be submitted to [kclannon@master.ca](mailto:kclannon@master.ca) the link to the application is :

<https://www.ashrae.org/File%20Library/docLib/HonorsandAwards/AwardDocs/Tech-Award-Application-Short-Form-June-2014.pdf>

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Manager / Design Practice / Services

**Existing Building Commissioning to be the Focus of Next  
FREE ASHRAE Webcast**



Jim Vallort      Bob Baker      Ron Wilkinson

ASHRAE's upcoming webcast, titled *New Tomorrows for Today's Buildings: Existing Building Commissioning*, will broadcast live on April 23, 2015, from 1:00 – 4:00 pm EDT. This FREE webcast is brought to you by the Chapter Technology Transfer Committee.

"The presenters will distinguish between new building commissioning, existing building commissioning, and retro-commissioning," said Nathan Hart, Chair of the CTCCTC Webcast Ad Hoc Committee. "Viewers will learn how to manage the commissioning process to minimize the impact on building functions and occupants, and how to integrate elements of existing building commissioning into the operation and maintenance staff's daily activities. The focus will be on maximizing energy efficiency and ROI."

**The webcast presenters are:**

- Bob Baker, OPMP, Fellow ASHRAE | Managing Director | BBJ Consulting | Riverview, FL
- Jim Vallort, Fellow ASHRAE | Practice Leader | Environmental Systems Design Inc. | Chicago, IL
- Ron Wilkinson, P.E., CPMP | Commissioning Authority | Glumac | Seattle, WA

Online registration for the webcast will begin on March 23, 2015. For more information on the webcast program, sponsorship opportunities, continuing education credits, and ASHRAE resources related to existing building commissioning, visit [www.ashrae.org/webcast](http://www.ashrae.org/webcast).

If you have questions about the webcast, call (678) 539-1200 or email [ashrae-webcast@ashrae.org](mailto:ashrae-webcast@ashrae.org).

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## ASHRAE, REHVA Jointly Publish Guide To Chilled Beam Systems

Guidance on designing chilled-beam systems is contained in a new book from ASHRAE and the Federation of European Heating, Ventilation and Air-Conditioning Associations (REHVA). The “Active and Passive Beam Application Design Guide” is the result of collaboration by worldwide experts to give system designers a current, authoritative guide on successfully applying active and passive beam technology.

Building on REHVA’s previously published Chilled Beam Application Guidebook, this new guide provides up-to-date tools and advice for designing, commissioning and operating chilled-beam systems to achieve a determined indoor climate and includes examples of active and passive beam calculations and selections.

Active and passive beams are room air recirculation devices that transfer sensible heat to and from the space using water. In addition, conditioned primary air is ducted to active beams. This primary air must satisfy the ventilation and latent requirements of the space and drive the induction of room air through the beam’s coil. In the case of passive beams, this primary air is delivered to the space through a decoupled ventilation system. Active and passive beams may be integrated with acoustic ceilings or independently mounted.

Such systems are common in Scandinavian countries where they are a standard choice of indoor climate delivery in a variety of different applications.

The book provides information on the basics of operation but also background from engineers developing the beam technology with manufacturers. The main focus is comfort beam application in their passive and active variants. The cost of the “Active and Passive Beam Application Design Guide” is US\$62 (US\$53, ASHRAE members). To order, visit [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore).

## ASHRAE Life Members

If you have been an ASHRAE Member for 30 years or more, and you have reached the age of 65, ASHRAE automatically recognizes you as a Life Member. The ASHRAE Life Members Club has existed for over sixty years, beginning in the mid-1950s. Life Members are exempt from Society dues, but continue to receive updated ASHRAE Handbooks, the ASHRAE Journal, and ASHRAE Insights. Life Members are also invited to semi-annual luncheons held at the ASHRAE Winter Meetings and ASHRAE Annual Meetings.

More information on the Life Members Club can be found at [www.ashrae.org/lifemembers](http://www.ashrae.org/lifemembers)



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## NB/PEI 2014-15 CHAPTER EVENTS CALENDER

- February 10** Dedicated Outdoor Air Systems  
*Membership Night*
- March 10** Fan Efficiency Grades  
*History Night*
- April 14** Techniques for Energy Conservation –  
 Home, Office, and Refrigerated Facilities  
*Distinguished Lecturer and Presidential Member,*  
**Ron Vallort**  
*Refrigeration Night / Research Promotion Night*
- April 23** ASHRAE Webcast:  
 Retro-Commissioning and the Life Cycle Cost  
 Analysis
- May 12** BOMA and ASHRAE Joint Meeting  
*Grassroots Government Activities Night*
- June 9** TBD: Final meeting of the year

Meetings are normally on the 2<sup>nd</sup> Tuesdays of the month. If you have any suggestions or comments about the meeting topics or speakers, please contact our CTTC Chair, Kevin Clannon at [kclannon@master.ca](mailto:kclannon@master.ca)



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