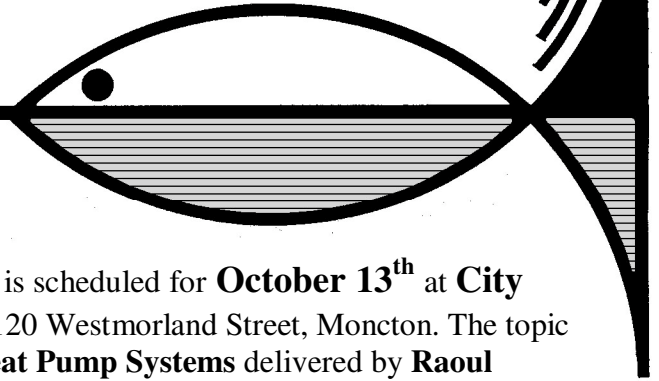


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ASHRAE
NB PEI CHAPTER



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Gerry Waselynychuk
Craig Brown,
Mathieu Breau,
Richard MacArthur

The second meeting of 2009/2010 is scheduled for **October 13th** at **City Grill**, formerly Boomerangs, on 120 Westmorland Street, Moncton. The topic of this meeting will be **Hybrid Heat Pump Systems** delivered by **Raoul Gautreau, P.Eng.** of **CGC Group Hybrid Heat Pump Systems**. A social hour will begin at 5:00 PM with a cash bar, followed by the presentation at 6:00 PM and Dinner at 7:00 PM

The October meeting is **Research Promotion Night**. A reminder on dinner prices: new members, students and first time guests (potential members) receive their first meal free; thereafter, students pay \$10 and others pay \$20.

Executive Meeting Notice

A reminder to the Executive, Board of Governors, and the Committee Chairpersons that the executive meeting will start at 3:30 PM at City Grill.

2009/2010 Meeting Schedule

To find out what is planned for the upcoming year, see page 4 for the NB/PEI ASHRAE Chapter Meeting Schedule for 2009/2010.

ASHRAE 2010 Winter Conference

ASHRAE's 2010 Winter Conference will be held in Orlando, Fla., from Jan. 23-27, at the Rosen Shingle Creek hotel. The International Air-Conditioning, Heating, Refrigerating Expo, held in conjunction with the Conference, will run Jan. 25-27. The Expo will take place at the Orange County Convention Center, a short distance from the Conference headquarters hotel.

The technical program will feature more than 90 programs and 300 speakers addressing challenges and solutions to such industry issues as key ASHRAE standards' impact, humidity control applications, sustainable buildings' performance, energy conservation and alternative energy practices and professional skills improvement.

For complete, updated information and to register for the ASHRAE Winter Conference, go online to www.ashrae.org/Orlando. Visit www.ahrexpo.com to learn more about the AHR EXPO.

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September Program

Raoul Gautreau ,P.Eng grew up in Dieppe, N.B, where he attended Mathieu Martin High school. He graduated from the Moncton Campus, NBCC, and then UNB in 1984 with a BSC.CE.

In 1989 Raoul joined Trane and attended their 6 months training class in Wisconsin. Upon graduating he was assigned to the Toronto District office and spent 16 years in the Southern Ontario market place. He held several positions during his years at Trane including Design Build and Global Accounts Department where he was involved in projects throughout the US, Europe, Asia and South America. In 2004, wanting to try something different, he left Trane and is now the Business Development Manager for the CGC Group. He travels throughout North America working with the CGC representatives and promoting the Hybrid Heat Pump System.

Raoul still has family in the Moncton area, and is pleased to finally include some personal time on a business trip. He lives in Kitchener Ontario with his wife and 3 young daughters.

Summary of September's Meeting

Over 30 people attended the first meeting of the new year, including a good number of students from l'Université de Moncton and the New Brunswick Community College.

The speaker was Paul Aresnault of AlternaHOME Solutions, who described the sustainable home being built in Moncton. A joint venture between the Canada Mortgage and Housing Corporation, VISION Land Development and AlternaHOME, this demonstration home is one of only three in Canada currently in the design build phase under CMHC's "Equilibrium Initiative".

The steps in this project include: (1) Evaluation; (2) Concept; (3) Design, (4) Construction, (5) Standards, (6) Documentation, (7) Certification. Renewable energy strategies include: (1) (2) (3) (4)

The home is projected to be "net-zero" in yearly energy consumption, with excess kWh generated used to offset energy purchased from the power utility at other times.

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ASHRAE REGION II CRC 2009

Prior to the meeting, John Willden handed out awards from the recent Chapter Regional Conference (CRC) held in Windsor, ON August 21 – 23. Gerry Waselynychuk, Dan Boudreau, and Fred Desjardins were all recognized for past contributions to the chapter.

ASHRAE Fall Online Course Series

In keeping with ASHRAE's goal of continuing education, the Society will once again offer fall online seminars. These online, instructor-led seminars will run from late September through early November and are available to those interested in expanding their knowledge of the HVAC industry and keeping up to date with the latest technology and their applications. Many popular courses will be offered, several of which will include updated material. The courses will cover a broad range of topics, including:

- The Commissioning Process & Guideline
- The Basics of Radiant Panel Heating & Cooling
- Using Standard 90.1-2007 to Meet LEED Requirements
- Energy Management in Existing Buildings
- Humidity Controls: Basic Principles Loads & Equipment
- The Basics of a Proposed Standard on High Performance Green Buildings (Standard 189.1)

The three-hour long courses are taught in real-time, from 1 p.m. to 4 p.m. EDT, and feature interactive audio. A full list of courses and registration information can be found at www.ashrae.org/onlinecourses.

High-Performance Building Standard 189.1

Proposed Standard 189.1, Standard for the Design of High Performance, Green Buildings Except Low-Rise Residential Buildings, is being developed by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) in conjunction with the Illuminating Engineering Society (IES) and the U.S. Green Building Council (USGBC). The standard is slated to be the first code-intended commercial green building standard in the United States. It is expected to be published in early 2010.

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NB/PEI ASHRAE Chapter Meeting Schedule 2009/2010

October 13, 2009

Research Promotion Night

Topic: C.O. Monitoring

November 10, 2009

Refrigeration Night

Topic: Refrigerants

December 8, 2009

Past Presidents Night / History Night

Topic: Chris Rock Presentation / Christmas Party

January 12, 2010

Membership Promotion Night

Topic: Construction Professional Liability

February 9, 2010

Research Promotion Night / Refrigeration Night

Topic: Hydronics and Variable Speed Pumping

February 28, 2010

Social Event: Wildcats Game Night

March 9, 2010

Student Night

Topic: Instantaneous Water Heaters

April 13, 2009

Refrigeration Night

Topic: A Fundamental Perspective on Chilled Water Systems

May 5 & 6, 2010

Research Promotion Night / Membership Night

MEET 2010 Show

June 8, 2010

History Night

Lobster Party

August, 2010

Golf Tournament

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