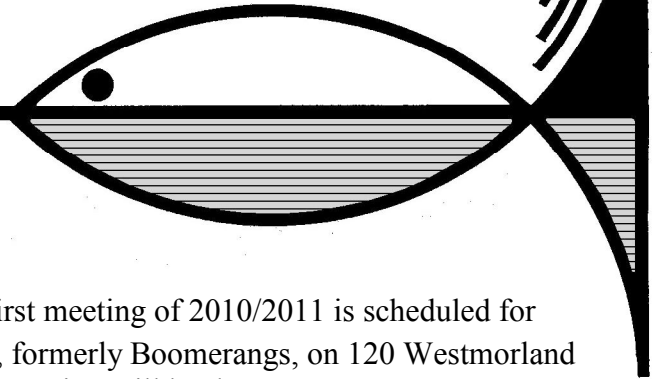


The Herring Choker

ASHRAE
NB PEI CHAPTER



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(506) 538-1023

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Dwight Scott
(506) 204-2820

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After a quick summer break, our first meeting of 2010/2011 is scheduled for **September 14th** at **City Grill**, formerly Boomerangs, on 120 Westmorland Street, Moncton. The topic of this meeting will be the EcoCute CO₂ Trans-Critical Heat Pumps, delivered by Quinn Vo, P. Eng., of Mycom North America (Mississauga, ON). 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 September meeting is Refrigeration Night and Membership Promotion Night.

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.

September Program

EcoCute CO₂ Trans-Critical Heat Pumps: As Canada is going green, there is growing interest in recovering heat. There are many heating demands which vary from low temperature to high temperature (up to 90°C). Conventional heat pumps use either CFC or HCFC refrigerants which are not environmentally friendly, given their high Ozone Depletion Potential (ODP) and Global Warming Potential (GWP) points. These refrigeration cycles are designed to operate as sub-critical packages.

EcoCute is an industry term for heat pumps using CO₂ as a refrigerant. CO₂ is a natural refrigerant which has many advantages over synthetic refrigerants. Designed to operate as a trans-critical system, CO₂ EcoCute heat pumps offer many advantages, including 90°C water and higher Coefficients of Performance. The EcoCute system won the ASHRAE Innovation Award at MEET 2010.

Quinn Vo, P. Eng., a Registered Professional Engineer in Ontario, will present the program. He has over 19 years in industrial refrigeration, including field experience, design, production, and application. Quinn has been with Mycom North America since 1997 and is currently Corporate Engineer, and located in Mississauga, Ontario.

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MONCTON, NEW BRUNSWICK E1E 1E2

VOICE: (506) 857-8744

FAX: (506) 857-9890

e-mail: gerry@aquavapgroup.ca



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e-mail: kmartin@atlanticamechanical.ca



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Cell (506) 381-1393

Fax (506) 859-8393

e-mail: fdesjardins@mcw.com

www.mcw.com

Frédéric R. Desjardins,
P.Eng., LEED® AP
Mechanical Design Engineer

Toronto Winnipeg Vancouver Ottawa Moncton Saint John

YEA – Young Engineers in ASHRAE

Are you under the age of 35 and an affiliate member, associate member, or member of ASHRAE? Then you're also a member of YEA! Learn more at <http://www.ashrae.org/members/page/861>

New Faces of Engineering

ASHRAE is seeking nominations for the New Faces of Engineers recognition program. The program highlights the technical achievements of young engineers, and the societal benefit of their innovations. Nominees must be 30 years of age and younger as of December 31, 2010, and have an engineering degree from a recognized institution.

More information can be found at <http://www.ashrae.org/members/page/946>, or by contacting Ashley Pruett at apruett@ashrae.org.

Facebook Page

Become a fan of YEA on Facebook at <http://tiny.cc/ASHRAE-YEA>

Chapter Website

Visit our Chapter website at: <http://www.ashraenbpei.com>.

2010/2011 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.

Subscription Management Reminder

The Herring Choker is sent by e-mail and Canada Post shortly before each meeting. Every year we try to update the mailing and phone lists from the ASHRAE headquarters database, but no doubt there are some errors and omissions. If you are not receiving both versions of The Herring Choker, please let Rob Hoadley know at robert.hoadley@rogers.com.



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CAMILLE CHEVARIE, P.Eng.
Senior Mechanical Engineer

50 Cameron Street

Moncton, New Brunswick, E1C 9A9

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Golf Tournament Recap

The golf tournament kicked off at 11:00 am with a barbeque hosted by A. O. Smith. The money raised went to Moncton Junior Golf (\$257.00).

The seventeen teams that participated had great weather along with a very good golf course to play on, once again.

The results were announced at the steak and lobster supper held at the Elks Club. The results are listed below:

Boat Race
Longest Drive
Closest to the Pin
Low Score (- 11)

Mechanical Engineers of New Brunswick
Claire Leblanc
Neil Black
Jim Morris's Team
Peter Killen
Jacques Leblanc
Lloyd Morrison

The tournament raised \$1,800.00 for ASHRAE research and promotion and for the first time, we actually finished in the black (slightly).

I would like to thank all the people who helped organize this event along with Tim Norris and his crew in the kitchen and Luc Dugas for his prize selection.

We had a few members pitch in and help clean up, (Chuck, Ken, Chris) and their efforts are really appreciated.

Thanks to Jennifer Chapman, our treasurer, who worked the registration table, and then sent out invoices to those companies who were kind enough to support a golf hole. Jennifer also sent out invoices to those individuals or companies as required for the golf and dinner.

We hope next year can be as enjoyable and successful as this year's tournament. See you in August 2011!

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P.O. Box 293
Moncton, N.B.
E1C 8K9
 www.lincolnbldgsystems.com

NB/PEI ASHRAE Chapter Meeting Schedule 2010/2011

- September 14, 2010
 Refrigeration Night/Membership Promotion Night
 Topic: CO₂ Trans-Critical Heat Pumps
- October 12, 2010
 History Night
 Topic: Filtration System for Diesel Generators
- November 9, 2010
 Student Night and YEA Night
 Topic: Professional Liability (Pt 2) Joint Meeting w/ APEGNB
- December 14, 2010
 Research Promotion Night
 Topic: LEED New Construction System
- January 11, 2011
 Membership Promotion Night and Government Affairs
 Topic: Efficiency NB Future Plans
- February 8, 2011
 History Night
 Topic: Biomass Boilers (Evening Seminar w/ Full Day Seminar on 9th)
- March 8, 2011
 Student Night and YEA Night with CTTC RVC Jean-Gabriel Joannette
 Topic: To Be Determined
- April 12, 2011
 Research Promotion Night
 Topic: Distinguished Lecturer Victor Goldschmidt (Evening Seminar w/ Half-Day Seminar on 13th)
- April 21, 2011
 Refrigeration On-line Seminar
 Topic: Geothermal Heat Pumps (Half-Day Seminar)
- May 10, 2011
 Technical Tour w/ NBCC Moncton and NBCC Saint John students
 Topic: Tour of NY Thermal plant in Saint John, NB

Please see website for further events into 2011

Hoadley Engineering Inc.
 Consulting Mechanical Engineers

P.O. Box 122
 20 Cameron St.
 Moncton, NB
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Gary Hoadley
 P.Eng.

Tel.: (506) 855-1414
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