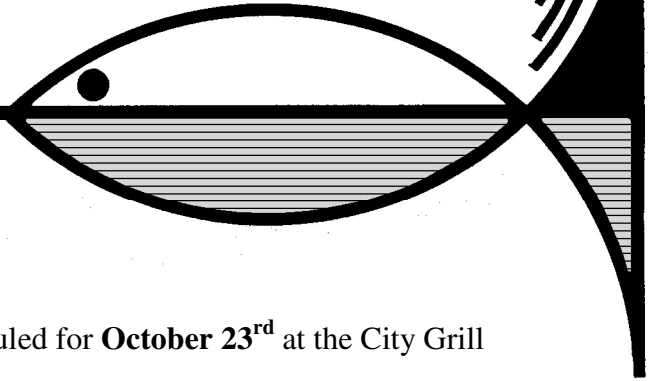


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ASHRAE
NB PEI CHAPTER



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Our next Chapter meeting is scheduled for **October 23rd** at the City Grill (130 Westmorland St, Moncton).

This month's meeting we will be celebrating the Chapter's 40th Anniversary, featuring a presentation by Society President Tom Watson. Tom will be giving his Presidential address, "Broadening ASHRAE's Horizons".

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. RSVP to Dwight Scott is required.

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 the City Grill.

Tom Watson Occupational Profile



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PRESIDENT

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

Toronto Winnipeg Vancouver Ottawa Moncton Saint John

The following is a summary of Tom's professional experience:

- Joined McQuay's Staunton Facility in 1972 after serving in the US Army as an Ordnance Officer.
- 1972-1974 - Product Engineer - Responsible for both reciprocating and centrifugal chillers. Worked on pressure vessel codes, electrical controls, and refrigerant controls.
- 1974-1980 - Senior Design Engineer - Worked on Research and Development of Centrifugal Compressors. The compressor work included rotor dynamics, lubrication, bearing design, and compressor aerodynamics. Worked on development of solid state controls and later microprocessor controls for centrifugal chillers.
- 1980-1982 - Manager of Product Engineering - Managed Design Engineers and Manufacturing Engineers for chillers.
- 1984-1996 - Engineering Manager - Responsible for all Engineering and Laboratory functions in the Staunton facility.
- 1997 - Present - Chief Engineer – Primarily involved in Global New Product Development supporting facilities in China, Japan, Italy, and North America

Tom has been a Member of ASHRAE since 1972

Committees:

- Former Chair of ASHRAE SSPC -15 Safety Code for Mechanical Refrigeration 11/90- Present
- Former Member of ASHRAE SPC - 34 Number Designation and Safety Classification of Refrigerants.
- Former Chair of ASHRAE Standards Committee- 07/02 – 07/03
- Member of ASHRAE Standards Committee. 1996 - 2003
- Chair and member of ASHRAE TC3.1 Refrigerants and Secondary Coolants. 1999-2001
- Member of TC 8.2 – Centrifugal Machines, 1972 – Present
- Member of TC 1.11 – Electric Motors and Motor Control, Present
- Former Chair of ASHRAE Standard Advisory Committee
- Member & Past Chair of AHRI 550/590 Engineering Committee for Liquid Chillers. 1975 –2009
- Member of ASHRAE Journal & Insights Committee 7/03 – 6/04
- Member of ISO WG-9- Liquid-Chilling Packages Using the Vapour Compression Cycle – Testing and Performance 1999 to Present
- Formerly Vice President of ASHRAE and Chair of ASHRAE Technology Council 2009-2010
- Formerly ASHRAE Society Treasurer & Chair of ASHRAE Finance Committee 2010-11
- Member & Past Chair of AHRI Research & Technology Committee
- ASHRAE Board of Directors, Member – President-Elect 2011-12
- Chair of ASHRAE Members Council 2011-12
- President of ASHRAE – currently

Tom is the Holder of five patents and is Licensed Professional Engineer in the Commonwealth of Virginia

Awards:

R.C. Schulze Distinguished Service Award for 2000 from AHRI, ASHRAE Distinguished Service Award –2002, ASHRAE Standards Achievement Award – 2004, ASHRAE Fellow-2008, Received ASHRAE Exceptional Service Award - 2010

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Summary of September 2012 Meeting



The first meeting for the current year was well attended (24 attendees) for a presentation on Climate Change, a hot problem with cool solutions. Our speaker was none other than the renowned expert on the subject, Carl Duivenvoorden of Northern New Brunswick.

The presentation started with what is climate change and how due to years of neglect and inaction the problem has grown to affect every areas of human existence. World consumption of Oil, Coal and Natural Gas has grown exponentially and so has the Greenhouse Gas emissions. Result is an increase of warming effect, increase of frequency of weather related disasters, Ice cap melting with rising sea levels and loss of biodiversity.

He explained how this is the time to pause, rethink, reduce, look to renewable and lean towards increasing efficiency. First we have to know what we are using. We can do this by measuring & monitoring. Overcome barriers by education and by imposing regulations and most importantly by endeavoring to change your corner of the world.

For a copy of the Power Point Presentation in pdf format please email your request to samuelabu@rogers.com

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Moncton Miracles Basketball Game

The ASHRAE NB/PEI Chapter would like to invite all Chapter members and guests to attend a basketball game between the Moncton Miracles and the Oshawa Power on Sunday November 18th, 2012 at 2:00PM.

Details are included in the registration form which can be found online at www.ashraenbpei.com. The deadline for registration for this event is November 8th, 2012. All proceeds will go to ASHRAE Research Promotion.

If you have any questions, please contact Dan Boudreau by email at dboudreau@mcw.com.



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NB/PEI ASHRAE Chapter Meeting Schedule 2012/2013

November 13, 2012

Student Activities

Topic: NBCC Saint John Tour

December 11, 2012

Research Promotion

Topic: Wireless Technology for Controls

January 8, 2013

Topic: Shale Gas

February 12, 2013

Topic: Displacement Ventilation

March 12, 2013

Topic: Building Information Modeling (BIM)/3D Modeling CAD

April 9, 2013

Topic: UNB Head Hall Renovation Tour

April 18, 2013

Topic: 9th Annual ASHRAE CTTC Webcast:

Assessing Building Energy Performance

May 14, 2013

Topic: High Induction Diffusers

June 11, 2013

Topic: Dumont Energy Centre Tour

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Social Events – Dates to be Announced

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Gary Hoadley
 Senior Mechanical Engineer



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