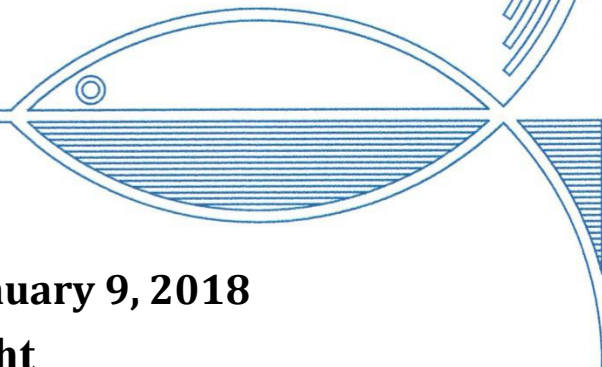




THE HERRING CHOKER

ASHRAE

NB PEI CHAPTER



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President Elect:

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Electronic Communication:

Mike Boudreau (506) 384-3425

YEA Coordinator:

Ben Roundell (506) 459-3940

Grassroots Government**Activities Chair:**

Jarrett Steele (506) 206-1511

Refrigeration Chair:

Harold Gallant (506) 382-8625

Golf Tournament:

Gerry Waselynychuk (506) 857-8744

Board of Governors:

Devin Harinarine

January 2018 Issue

Next Meeting – January 9, 2018

Refrigeration Night

Location: **Alma City Club**
114 Alma St, Moncton

Schedule

4:00 pm – Board of Governors Meeting

5:00 pm – Social Hour

6:00 pm – Technical Presentation: Upcoming Refrigerant Phase Outs
with Kevin Bregel

7:00pm - Dinner:

Cauliflower and Parmesan Volute

* * * * *

~Chicken filled with Roasted Red Pepper, Basil and Mozzarella~
Pan Roasted Chicken filled with Roasted Red Peppers, Basil and Fresh
Mozzarella, Pan Jus, Garlic Mashed Potato and Buttered Vegetables

Or

~Pan Roasted Salmon with Lemon Basil Butter~
Pan Roasted Salmon with Lemon Basil Butter, Basmati Rice Pilaf, Sautéed
Asparagus

* * * * *

Strawberry Mousse, Chocolate Shavings and Macerated Strawberries

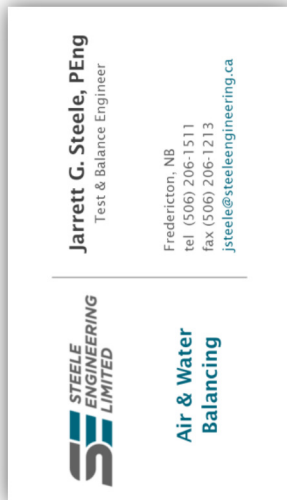
Bon Appetit!

Members: \$20.00

Non-Members: \$30.00

Students: \$10.00

New Members/Students receive a complimentary first meal with
ASHRAE NB/PEI.



Introduction to our Speaker



Kevin Bregel is a Systems Sales Account Manager with Trane Atlantic in Saint John, NB. He works closely with owners, consultants and mechanical contractors to design and supply HVAC systems for new and existing buildings as well as provide equipment for specialized process cooling applications such as Ice Rinks, Fish Tanks, Breweries, etc.

Kevin is a graduate of the University of New Brunswick with a Bachelor of Science in Engineering (Mechanical). He is a Member in Training of the Association of Professional Engineers and Geoscientists of New Brunswick. He is an affiliate member of the NB/PEI ASHRAE Chapter and is a graduate of the Trane Graduate Training Program.

With the Kigali Amendment to the Montreal Protocol now ratified, the HVAC industry is preparing for the global phase down of hydrofluorocarbon refrigerants (HFCs, e.g. R-134a, R-410A) and working to implement the next generation of refrigerants, hydrofluoro-olefins (HFO, e.g. R-1234ze), hydrochlorofluoro-olefins (HCFO, e.g. R-1233zd), and HFO blends (e.g. R-513A, R-514A, R-452B). The Kigali amendment aims to reduce the global use of high Global Warming Potential (GWP, CO₂ GWP=1)) HFCs to prevent up to 100 billion tons of CO₂-eq emissions by 2050, and avoid up to 0.5 degree C of warming by 2100.


We will review the global HFC phase-down timeline established by the Kigali Amendment to the Montreal Protocol, compare the refrigerant options available today, and discuss the variables to consider with the transition to lower-GWP refrigerants.



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Message from the President

Happy New Year to all our Chapter members and friends. I certainly hope that 2018 brings you, your family, and your business much success. Our chapter is preparing for several events in the coming months, and we are hoping that you can all attend at least one of these social and technical meetings.

We will be hosting a social night for our Fredericton and area members at a UNB Varsity Reds hockey game at the Aitken Centre in late January or early February. Further details will be announced when the game night is chosen. I hope that all of our UNB alumni members will be able to attend. We will also be hosting our annual Night with the Cats event at a Moncton Wildcats game later in the New Year.



We are also very excited to announce that ASHRAE President Bjarne Olesen will be visiting our chapter in February. Professor Olesen is the 2017-18 ASHRAE President, and will be touring Eastern Canada with our Region's DRC (Director and Regional Chair) Doug Cochrane of Toronto. Professor Olesen is the Director of the International Center for Indoor Environment and Energy and a Professor at Danish Technical University in Copenhagen, Denmark.

Professor Olesen will be in Moncton on **Wednesday, February 28**. In order to work with his schedule, **our regularly scheduled February meeting will be moved to this date**. I hope all of our members, associate members, and student members will be able to come meet our Society's President.

I'd also like to congratulate our Chapter's YEA (Young Engineers in ASHRAE) Chair Ben Roundell, who has been selected by ASHRAE Region II to attend a YEA Leadership Weekend in Seattle in March. Ben will be joined by another YEA member from our chapter to be announced soon.

Rob Hoadley
NB/PEI Chapter President
2017-18

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DONOR RECOGNITION

Each year ASHRAE society members and contributors donate over \$2 million towards HVAC research activities. This past year our chapter raised over \$16,000 for the campaign, completely due to the generosity of our local society members and corporations. Our chapter thanks those who contributed to the 2016-17 Research Promotion campaign. Our success as a relatively small chapter has been noticed across North America. We look forward to another successful campaign in 2017-18 in partnership with our great local supporters. We also look forward to thanking each of our donors listed below personally with certificates and recognition coins our RP Night on December 12, 2017 at the Alma City Club in Moncton. We encourage donors to attend to receive their certificates and coins at the event, but should you have not been able to make it we will ensure that they are delivered to you.

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Source Management

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Young Engineers in ASHRAE News

Social Event Recap - November 30, 2017 - Pizza & Pool

We had a modest turnout of YEAs at the fall social event this year. In attendance we had chapter President-Elect Yves Savoie, past YEA chapter chair Kevin Leger, and current YEA chapter chair Ben Roundell. A few last minute cancellations added up and we didn't get the anticipated numbers turning up. We met at 6 o'clock at the upper Mountain Road Pizza Delight for a bite to eat and a couple drinks then moved over to the Dooly's in back around 7:30 for a few rounds of *cutthroat* pool.



In other news, as YEAs in the NB/PEI chapter we have *two opportunities to apply to be sent to the YEA Leadership Weekend* (YLW) taking place this coming year in Seattle, WA, March 23-25, 2018. *Both* our chapter and region have each extended their budgets to reserve a spot for a YEA at the YLW.

In summary, the YLW is an opportunity to learn more about Society, develop soft skills and network with other young professionals. For more detailed information about the event [follow this link](#).

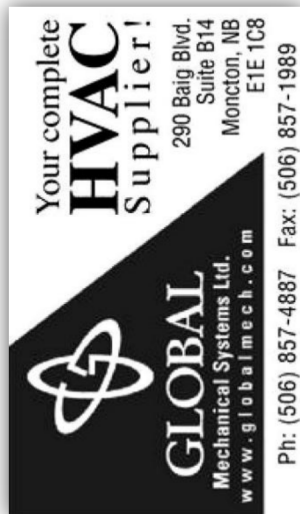
The regional application closed December 20, 2017, but the chapter application remains open until the end of the day January 5th.

Application:

NB/PEI chapter will cover the expense of registration for the event, travel (flights) to Seattle, and accommodations.

To apply: <https://www.surveymonkey.com/r/NYT7968>

Deadline January 5, 2018

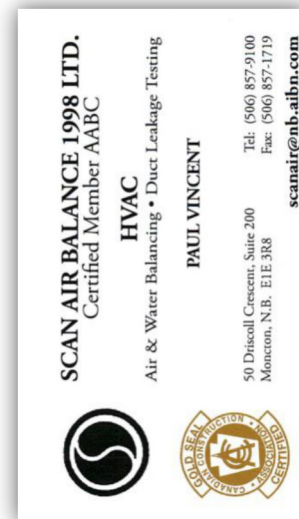


NB/PEI ASHRAE Paraphernalia

Golf shirts: Blue: All sizes: (\$15)

Padfolio (\$15)

- o Embossed with our ASHRAE NB/PEI logo
- o Two slant pockets neatly hold cards, disks, papers and more
- o Zippered closure to secure important items
- o Sleek outside pocket for quick access
- o Includes writing pad and pen-holder
- o Size: 241 x 165 x 25mm (9-1/2" x 6-1/2" x 1")



Shaping Tomorrow's
Built Environment Today



Upcoming Meetings:

February 28, 2017

Alma City Club

114 Alma St, Moncton

Theme: YEA Night, & Presidential Visit

Advertise Your Company Here!

For more information contact the Herring Choker editor
at:

editorashraenbpei@gmail.com



Shaping Tomorrow's
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ASHRAE HVAC Design & Operation Training

2 Courses, 5 Days of Intense Instruction

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HVAC Design: Level I – Essentials - Registration is \$1,264 (\$1,009 ASHRAE Member)

Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II – Applications - Registration is \$854 (\$699 ASHRAE Member)

HVAC Design: Level II — Applications provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

Visit www.ashrae.org/hvactraining to register and learn how your Chapter can earn PAOE points.

Contact Karen Murray (kmurray@ashrae.org) to discuss scheduling ASHRAE HVAC Training in your Chapter area.

