

THE HERRING CHOKER

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ASHRAE

NB PEI CHAPTER

2016-2017 Executive

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President Elect:

Robert Hoadley (506) 459-3940

Vice-President:

Eric LeBlanc (506) 855-3365

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Grassroots Government Activities Chair:

Terry Thibodeau (506) 850-0287

Golf Tounament:

Gerry Waselynchuk (506)857-8744

Board of Governors:

Jennifer Chapman, Pierre Comeau, David Samuel, Devin Harinarine, Shelby Gallant

March 2017 Issue

Next Meeting Tuesday March 14th, 2017

Location: Alma City Club

114 Alma St, Moncton

Parking is Available

Executive Meeting Notice

All members of the Board of Governors, Committee Chairpersons and the Executive are reminded that the executive meeting begins at 3:30 PM Tuesday March 14th, 2017 at the Alma City Club.

Meeting Agenda

5:00 pm – Attitude Adjustment Hour

6:00 pm - The ABC's of BACnet Objects to the Network

7:00 pm - Supper is a choice of (RSVP is Required):

A) Cream of Broccoli Soup, Slow Roasted Pork Loin Apple Chutney, Garlic Mashed Potato, Todays Fresh Vegetables **Or**

B) Honey & Soy Glazed Salmon, Wild Rice Pilaf, Savory Fresh Vegetables

Dessert: Chocolate Mousse Cake with Caramelized Pecans

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

Andrew Lavoie, CET is a Graduate of NBCC Moncton in Electronics Engineering Technology (Communications) and also attended the Southern Alberta Institute of Technology (SAIT)in the area of microprocessor technology. Over the past 30 years he has worked for several organizations such as Alberta Government Telephones, NBTel, Hewlett Packard and Honeywell.

Andrew's career in HVAC Started with AEM, primarily Installing and programming Building Automation Systems (BAS), and then eventually Gravitated to the HVAC Consulting business in which he has been working for the past 27 years. Currently Andrew is employed with MCW Maricor.



The ABC's of BACnet Objects to the Network



Missing Boat Race Trophy, Not Missing Anymore!



We Missed You, Missing Boat Race Trophy









Atlantic Green Expo The first expo in Atlantic Canada dedicated to clean technologies, green living, and healthy lifestyles.

Atlantic Green Expo will provide Atlantic Canadians with an opportunity to educate themselves about the importance of green living and our collective need to address global climate change. We aim to stimulate this growing industry by introducing consumers and businesses to innovative products and services, and to the vendors who supply them. We hope this will encourage businesses and consumers to make ecoconscious choices and to purchase more eco-friendly products.



UPEI School of Sustainable Design Engineering
University of Prince Edward Island
550 University Avenue
Charlottetown, PE, C1A 4P3
http://atlanticgreenexpo.com









Schedule

Friday, April 21

1:00pm – Expo Opens & Industry Engagement Day

2:00pm – 4:00pm – UPEI Engineering Student Project Expo

4:00pm – 5:30pm – UPEI Engineering Student Awards Ceremony

5:30pm – Keynote Speaker

Saturday, April 22

10:00am - Trade Show & Expo Grand Opening

Starting at 11:00am – Hourly Education & Information Sessions

2:00pm – New Idea Pitch Sessions

4:00pm - Keynote Speaker

5:00pm - Door prize draw

6:00pm - Trade Show & Expo Close

Sunday, April 23

10:00am - Trade Show & Expo Opens

Starting at 11:00am – Hourly Education & Information Sessions

2:00pm - New Idea Pitch Sessions

5:00pm – Door prize draw

5:30pm - Grand prize draw

6:00pm - Trade Show & Expo Close

Atlantic Green Expo Admission is FREE

- · Includes: admission to event, access to all exhibiting booths, one door prize entry ballot
- · Venue is fully accessible
- Children under 12 must be accompanied by an adult

Expo Hours

Friday, April 21 1:00P.M. – 7:00P.M.

Saturday, April 22 10:00A.M. – 8:00P.M.

Sunday, April 23 10:00A.M. – 6:00P.M.









Shaping Tomorrow's Built Environment Today

ASHRAE NB/PEI Crested Polo Shirts

We have a supply of men's navy blue polo shirts with our ASHRAE chapter logo embroidered on the left chest (see photo). These shirts are 100% polyester with moisture wicking properties and are anti-microbial.

They are available from Sharlene Innes for \$20 (cash please) in M, L, XL and 2XL sizes.



YEA Technical Weekend - March 24-26, 2017

Embassy Suites Buckhead Atlanta, GA

www.ashrae.org/YTW

Are you or your company looking for technical training opportunities? YEA Technical Weekend is an opportunity for YEA members to come together for a weekend of energy management courses, technical tours, and networking. This event will be held March 24-26, 2017 in Atlanta, GA and features one professional development

course: Effective Energy Management in New/Existing Buildings

Instructor: Richard Pearson, P.E.

Registration is \$450 and includes hotel accommodations for Friday and Saturday, meals during the event and all necessary materials and resources.

For More Information:

https://www.ashrae.org/membership-conferences/youngengineersin-ashrae/yeatechnical-weekend









Technical Program

Sunday, June 25 - Wednesday, June 28

Recently the building industry has seen a push in net zero energy (NZE) and California is on the forefront as Title 24 will require all new residential construction to be NZE by 2020 and all commercial buildings to be NZE by 2030," Ann Peratt, Conference Chair said. The conference includes tracks that demonstrate the benefits of net zero energy and ways to achieve that goal in the design and operation of buildings.

The fifth annual Research Summit brings together distinguished researchers to present the latest research results on building science and renewable energy and its impact as we move towards NZE buildings.

The conference Technical Program features new tracks that focus on resources to design, build, control, commission and operate these high efficiency facilities:

- Building Life Safety Systems NEW
- Commissioning: Optimizing New and Existing Buildings and their Operation
- Controls NEW
- Fundamentals and Applications
- HVAC&R Systems and Equipment
- Net Zero Energy Buildings: The International Race to 2030 NEW
- Refrigeration
- Residential Buildings: Standards Guidelines and Codes NEW







The 2017 ASHRAE Annual Conference

The 2017 ASHRAE Annual Conference will be held in sunny Long Beach, California! The Technical Program along with Registration, the Bookstore and Speakers Lounge will be at the Long Beach Convention and Entertainment Center.

Committee meetings will be held at the Headquarter Hotel, the Hyatt Regency Long Beach, as well as at the Renaissance Long Beach and the Long Beach Convention and Entertainment Center.

Registration Information

Early Bird registration fees from March 1 st through May 1st

- \$530, member/\$740, non-member
- \$505, first-time member attendee/\$715, first-time nonmember attendee
- \$135. Life Member

Advance registration fees from May 2nd through June 12th

- \$555, member/\$765, non-member
- \$530, first-time member attendee/\$740, first-time non-member attendee
- \$145, Life Member

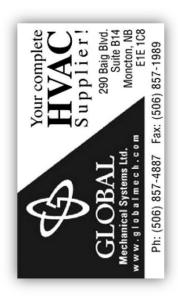
Full registration fees from June 13th through June 28th

- \$690, member/\$900, non-member
- \$655, first-time member attendee/\$875 first-time nonmember attendee
- \$155, Life Member
- \$270, member one-day fee/\$320, non-member one-day fee

Registration fees for speakers, student branch advisors and students

- \$135, speaker
- \$25, student branch advisor
- \$25, student member/\$55, full-time student non-member







LEED GREEN ASSOCIATE TRAINING MARCH 2017

- CANCELLED -

UNIVERSITY OF NEW BRUNSWICK & UNIVERSITY OF PRINCE EDWARD ISLAND

Lorne Mlotek BASc., LEED AP BD+C, O+M

Thank you for registering for the upcoming LEED Training course and unfortunately have received some bad news as my grandfather passed away and I must fly home to Toronto for tomorrow.

As a result I will not be able to make it to UPEI to host the course tomorrow night and I apologize for the inconvenience.

However, this does not mean you will not be able to take advantage of my great resources as here are your 3 options right now:

Please reply to this email and let me know you received it as well as your selection below -

If you have already paid

- The course is entirely recorded and you can watch the part that you can also take the identical class online which comes with the same materials, 100% passing rate and you can rewind and pause at your leisure. Please let me know if you want me to transfer your registration over to this as it is the same price.
- 2. I will be returning to host the course in May/June at the same location and I can transfer your registration over there and give you the online access in the mean time
- 3. A refund

If you have NOT already paid:

- The course is entirely recorded and you can watch the part that you can also take the identical class online which comes with the same materials, 100% passing rate and you can rewind and pause at your leisure. You can register and pay online for that here http://leadinggreen.com/leed-green-associate-online/
- 2. I will be returning to host the course in **May/June** at the same location and I can transfer your registration over there and give you the online access in the mean time









LEED

Leadership in Energy and Environmental Design

Leadership in Energy and Environmental Design is simply a green-rating point system to certify a building's sustainability. Just as Buildings can be LEED certified, students and professional can become LEED Accredited themselves. The LEED Green Associate (GA) credential is the only professional designation used to market yourself to employers and clients and show you have certified knowledge in the green building industry.

To date, this course and its materials have proven to be instrumental in helping over 7000 students pass their exam at a 100% pass rate and does not require any specific background. This course is offered at a quarter of the price and time as the competition and it never expires!

Cost: \$300 (\$200 for full time students)

To register for the class please visit:

http://leadinggreen.com/leed-courses/

You can register via PayPal or RSVP your attendance by registering at the bottom of the page FOR MORE INFORMATION CLICK HERE!

http://leadinggreen.com/wp-content/uploads/2016/01/LEED-V4-POSTER-UPEI-2017.pdf

Contact below for more information/questions: Lorne Mlotek BASc., LEED AP BD+C, O+M President, LeadingGreen 416-824-2677 B740 Sandford Fleming Building 10 King's College Road, Toronto, M5S 3G4 LinkedIN - ca.linkedin.com/in/lmlotek





editorashraenbpei@gmail.co For more information contact Herring Choker editor at: Your Company Here Advertise

2016-2017 Schedule

March 14th: Topic: BACnet Networking Systems

Theme: TBD

April 11th: Topic: Legionella & ASHRAE Standard

188-2015 - Distinguished Lecturer

May 9th: **Topic: Humidifiers**

June 13th: Theme: Membership Promotion

ASHRAE Learning Institute 2017 Online Course Series

2 WAYS TO REGISTER

Call 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

One-part course (3 hours) \$284 (\$219 ASHRAE Member) - -- -- Two-part course (6 hours) \$484 (\$359 ASHRAE Member)

Basics of High-Performance Building Design Wednesday, February 8, 2017 – 1:00 p.m. to 4:00 p.m.

Designing Toward Net-Zero Energy Commercial Buildings Tuesday, February 14, 2017 – 1:00 p.m. to 4:00 p.m.

ASHRAE Guideline 0: The Commissioning Process Tuesday, February 21, 2017 – 1:00 p.m. to 4:00 p.m.

Commissioning Process & ASHRAE Standard 202 Monday, February 27, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Fundamental Requirements of Standard 62.1-2016 Thursday, March 9, 2017 – 1:00 p.m. to 4:00 p.m.

Commissioning Process in New and Existing Buildings Part I: Monday, March 13, 2017 – 1:00 p.m. to 4:00 p.m. Part II: Wednesday, March 15, 2017 – 1:00 p.m. to 4:00 p.m.

Design of Affordable & Efficient Ground Source Heat Pump Systems Wednesday, March 29, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Complying with Standard 90.1-2016: Envelope/Lighting Wednesday, April 5, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Complying with Standard 90.1-2016: Appendix G Tuesday, April 18, 2017 – 1:00 p.m. to 4:00 p.m.

Air-to-Air Energy Recovery Fundamentals Wednesday, May 3, 2017 – 1:00 p.m. to 4:00 p.m.

Air-to-Air Energy Recovery Applications: Best Practices Tuesday, May 9, 2017 – 1:00 p.m. to 4:00 p.m.

Humidity Control: Basic Principles, Loads and Equipment Tuesday, June 13, 2017 – 1:00 p.m. to 4:00 p.m.

Humidity Control: Applications, Control Levels and Mold Avoidance Tuesday, June 20, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! New ASHRAE-Classified Refrigerants to Meet Society's Changing Needs Tuesday, July 11, 2017 – 1:00 p.m. to 4:00 p.m.

Advanced High-Performance Building Design Wednesday, August 9, 2017 – 1:00 p.m. to 4:00 p.m.

Designing High-Performance Healthcare HVAC Systems Tuesday, September 19, 2017 – 1:00 p.m. to 4:00 p.m.

Laboratory Design: The Basics and Beyond Tuesday, October 10, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! Complying with Standard 90.1-2016
Part I: Wednesday, November 1, 2017 – 1:00 p.m. to 4:00 p.m.
Part II: Tuesday, November 7, 2017 – 1:00 p.m. to 4:00 p.m.

NEW! New ASHRAE-Classified Refrigerants to Meet

Society's Changing Needs
Tuesday, December 5, 2017 – 1:00 p.m. to 4:00 p.m.

ASHRAE HVAC Design Training

2 Courses, 5 Days of Intense Instruction

Atlanta • Dallas • Doha • Hartford • Toronto

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.