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ASHRAE

NB PEI CHAPTER



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June 2017 Issue

Next Meeting – End of Year Social, Research & Promotion Investor and Past President Recognition

Tuesday June 13th, 2017

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

End of Year Social

5:00 pm – Meet and Greet

6:00 pm – BBG Buffet (RSVP is required):

Rolls w/Butter

House Made BBQ Chicken

BBQ Smoked Ribs

Warm German Roasted Potato Salad

Greek Pasta Salad

BBQ Cajun Corn on the Cob

Seasonal Fruit Crumble and Vanilla Chantilly

Members: \$20.00

Non-Members: \$30.00

Students: \$10.00

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

Jarrett G. Steele, PEng
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Robert McEwen, P.Eng.
Mechanical Design Engineer
Associate

Moncton Saint John Halifax Charlottetown Toronto Winnipeg Vancouver

2017 Golf Tournament

Registration Deadline: July 18, 2017
(Space is Limited to 80 Golfers)

Where:

Golf - Moncton Golf and Country Club, Riverview, NB
Dinner - Elk's Club, 12 Weldon St - Moncton, NB

When: **Thursday, July 27, 2017 (rain or shine)**

12:30 Shotgun start - Please arrive one hour early
BBQ Lunch with all proceeds going to Junior Golf -
Sponsored by A O Smith

Format: Team Scramble (4 people)

One person on each team must be an ASHRAE Member!!

Cost:

- Members - Green fees, Cart, Steak, Lobster - \$140.00
- Members - Green fees, Cart - \$90.00
- Members - Meal Only - \$70.00
- Non-Members - Green Fees, Cart, Steak, Lobster \$190.00
- Non-Members - Green fees, Cart, - \$115.00
- Non-Members - Meal Only - \$95.00

Full amounts must be forwarded prior to the event to:

ASHRAE NB/PEI

PO BOX 1629

Moncton, NB, E1C 9X4

Make cheque payable to: ASHRAE NB/PEI Chapter.

Please consider this invitation as a request to donate prizes for the tournament.

**Please advise Mr. Luc Dugas of planned donations.
(506) 857-8880**


**We extend a special invitation to our neighboring
Nova Scotia Chapter and to our members and
friends from Prince Edward Island.**



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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 1st through May 1st

- \$530, member/\$740, non-member
- \$505, first-time member attendee/\$715, first-time non-member 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 non-member 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



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

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: HVAC/Mechanical
Tuesday, April 11, 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.

NEW! Variable Refrigerant Flow System: Design & Application
Tuesday, July 18, 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.

NEW! Fundamental Requirements of Standard 62.1-2016
Wednesday, September 6, 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.

Introduction to Ultraviolet Germicidal Irradiation (UVGI) Systems
Monday, October 16, 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! Variable Refrigerant Flow System: Design & Application
Wednesday, November 29, 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 & Operation Training

3 Courses, 7 Days of Intense Instruction

Atlanta • Chicago • Denver • Hartford • Seattle • Toronto

Improving Existing Building Operation - Registration is \$599 (\$499 ASHRAE Member)

Identify ways to improve existing HVAC system efficiencies and reduce utility expenses while maximizing performance of the building systems. This training details proper system operation and maintenance and introduces methods for evaluating potential system improvements.

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.