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ASHRAE

NB PEI CHAPTER



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David Samuel, Devin Harinarine,
Shelby Gallant

November 2016 Issue

Next Meeting – Refrigeration Night Tuesday November 8th, 2016

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 November 8th, 2016 at the Alma City Club.

Meeting Agenda

3:30 pm – Board of Governors Meeting

5:00 pm – Social Hour

6:00 pm - Technical Presentation: Water Sourced VRF

7:00 pm – Supper will be a choice of: Haddock braised in Bacon, Fennel & Chardonnay Cream Sauce served over Basmati Rice & seasonal vegetables OR Maple Glazed Chicken served with Roasted Garlic Mashed Potatoes & seasonal Vegetables.
Dessert - Warm Apple Blossoms with Chantilly Cream

Members - \$20.00

Non-Members - \$30.00

Students - \$10.00

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

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Mechanical Design Engineer
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Moncton Saint John Halifax Charlottetown Toronto Winnipeg Vancouver

Introduction to Our Speaker

Jocelyn Léger, P.Eng., CEM, LEED® AP

Commercial Sales Manager – HVAC Division, at MITSUBISHI ELECTRIC SALES CANADA INC., he has an experience of 7 years in the field on the Mechanical Contracting side and 17 years as an equipment specialist on the HVAC Design & Manufacturing side.



Having a Certified Energy Manager (CEM) and LEED® AP titles, he is very interested and passionate about efficient HVAC designs & equipment, Green and Net Zero Energy Buildings, Sustainable development and Energy Modeling.

Jocelyn is also following ASHRAE (Atlanta) Technical Committee TC8.7 which is dedicated to VRF technology advancements.

Water-cooled Variable Refrigerant Flow Systems and Applications

The presentation offers an introduction to the Water-cooled VRF concept, components, heat pump and heat recovery systems as integrated with a range of heat sink formats including geothermal. The overview also describes, for different commercial building applications, how to ensure optimal annual performance and comfort levels through effective system design strategies based on maximizing heat recovery. Water-cooled VRF is a growing market and offers a lot of advantages. Come see how it could become the optimum system choice for your next HVAC design application.




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2016 ASHRAE Region II CRC Hosted by the NB/PEI Chapter

From August 25th to the 28th, 2016, the NB/PEI Chapter hosted the Region II Chapters Regional Conference at the Delta Beausejour Hotel in downtown Moncton, New Brunswick. This event hosted over 120 attendees from throughout Canada and the United States. ASHRAE dignitaries in attendance included Society Treasurer Sheila Hayter; Society Vice-President Ginger Scoggins; Director of Member Services Joyce Abrams; Region II Director and Regional Chair Douglas Cochrane; and longtime ASHRAE Distinguished Lecturer Tim McGinn.

The Business Meetings, Caucuses, and Workshops were all well attended, and productive, with representatives from all Chapters in attendance for most of these sessions. The Presidential Address Luncheon was presented by ASHRAE Treasurer Sheila Hayter during lunchtime on Friday. The Awards Luncheon was held on Saturday at lunchtime, and was emceed by Ibrahim Semhat, with 117 attendees present. Isabelle Lavoie provided a quick presentation highlighting next year's Region II CRC, which will be held in Montreal.

While all of the conference attendees were busy in meetings and workshops, an extensive Companion Program, as well as a Technical Program, were provided so as to entertain the attendees not involved in the meetings. The Companion Program included a Guided Bus Tour to the Hopewell Rocks, Cape Enrage, and the Fishing Village of Alma; a Walking Tour to the Moncton Farmers Market; and a Walking Tour to Resurgo Place, an interactive Museum and Transportation Discovery Centre. The Technical Program included a tour of the Highfield Street Water Pumping Station, a Heritage Building that still operates today; as well as a Technical Presentation on Low Impact Mechanical Systems, by longtime ASHRAE Distinguished Lecturer Tim McGinn.

2016 ASHRAE Region II CRC - Continued -

Several social events were also held throughout the weekend, for both conference attendees and their companions. These included our Welcome Party at St. James' Gate, a local establishment that closed its doors to the general public for our benefit; and the Lobster Boat Cruise in Shediac, New Brunswick, where attendees got to cruise around beautiful Shediac Bay enjoying an awesome feed of the best lobster in the world. With two separate boat cruises required for the number of attendees involved, when the attendees were not on the boat, they were able to enjoy themselves on the Pointe-du-Chene Wharf, either admiring the amazing views of Shediac Bay, getting a few drinks and a few snacks at Captain Dan's, or take a walk on Parlee Beach, the warmest salt water beach north of the Carolinas. In addition to these event, there was a Hospitality Suite held on all three nights of the conference, for all attendees to meet and socialize outside of the meetings.

By all accounts, everyone thoroughly enjoyed themselves for the entire weekend, except maybe for those who were on the bus travelling from Shediac on Saturday Evening that broke down (at least it broke down outside of a drinking establishment, rather than halfway to the hotel on the side of the highway), or those who were stuck in the elevator on Friday morning with David Rasmussen. Aside from these unforeseen events, the entire conference went off without a hitch, and finished slightly over budget (less than 1%), which was a minor miracle considering that the committee had to deal with a 2% HST increase from the Provincial Government that came into effect less than two months before the conference.

We look forward to hosting the Region II CRC again in 2025, with even more fun and excitement planned.

Daniel A. Boudreau, P.Eng.

ASHRAE Region II CRC General Chair



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2017 ASHRAE Winter Conference

Attendees Can Plan Interactively for 2017 Winter Conference

Start planning your visit to the 2017 ASHRAE Winter Conference. The Conference Track Personal Scheduler is an interactive online tool that enables users to create their own itineraries for the conference by selecting programs to attend, skip, or read about later.

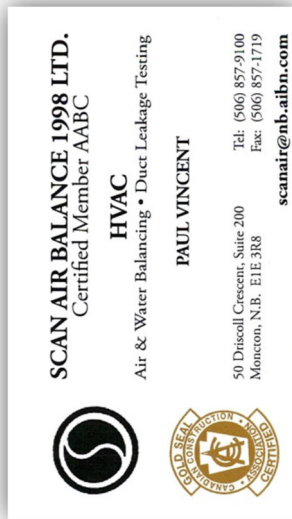
Users also can search or browse events, create schedules, check for scheduling conflicts, record notes, and sync the schedule data to a mobile device. The full Technical Program is available via the Interactive Tech Program. With it, users can compile sessions by technical interest area. Users also can browse the Technical Program by day, session type, track and presenter. For offline access, the Technical Program is available as a downloadable PDF.

ASHRAE NB/PEI Crested Polo Shirts for Sale

We now 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.





2016-2017 Schedule

- November 8th :** Topic: Water Sourced VRF Systems
Theme: Refrigeration Night
- December 13th :** Topic: Finances / Taxes
Theme: **Past Presidents Night** /
Research Promotion Night
- January 10th :** Topic: Cooling Tower Technology
Theme: TBD
- February 7th :** Topic: Canada Bread
Theme: Technical Tour
- March 14th :** Topic: BACnet Networking Systems
Theme: TBD
- April 11th :** Topic: Legionella &
ASHRAE Standard 188-2015
Theme: Distinguished Lecturer
- May 9th :** Topic: Humidifiers
Theme: TBD
- June 13th :** Topic: TBD
Theme: Membership Promotion

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