



ASHRAE Windsor Chapter

c/o. Baymar A/C Supply 3200 Jefferson Blvd.

Windsor - Ontario - N8W 2W8



NEWSLETTER

October 3, 2016

Volume: 33 - Issue: 3

CTTC AND GGA PROMOTION TUESDAY OCTOBER 18, 2016 LILLY KAZZILLY'S—TECHNICAL PRESENTATION

Please confirm your attendance by calling Nathan Cook @ 519 948 5000 or Email: ncook@dillon.ca

FUTURE MEETINGS:

Sept. 12, 2016 **25th Annual Golf Tournament**
 Oct. 18, 2016 **Ontario Climate Change Effects
to HVAC Industry**
 Nov. 8, 2016 **TBD**
 Dec. 20, 2016 **Christmas Social**
 Jan. 17, 2017 **Multi Family Heating Control System**

Feb. 21, 2017 **ASHRAE/SMACNA Joint Meeting**
 Mar. 21, 2017 **Hiram Walker Boiler Tour (tentative)**
 April 18, 2017 **Past Presidents' Night - DL at
Beach Grove Golf & CC**
 May 16, 2017 **Students' Night**

CHAPTER OFFICERS & BOARD OF GOVERNORS

President: Paul Greff (519) 966 6100
President-Elect: Nathan Cook (519) 948 5000
Treasurer: David Dufour (519) 916 5411
Secretary: Adam Meeker (519) 737 5725

BOARD OF GOVERNORS

James Smith (519) 737 5725
Dan Castellan (519) 253 3000
Steve Koutsonicolas (519) 999 9954
Bill Davies (519) 251 6824

CHAPTER COMMITTEES:

Research Promotion: Andy Hrutka (519) 737 1888
Membership: Patrick Castellucci (519) 250 2006
Technology Transfer: Bill Davies (519) 251 6824
Historian: Gord Snell (519) 964 1700
Young Engineers in ASHRAE (YEA): Rene Plourde (226) 344 5218
Refrigeration Chair: Jon Palmer (519) 256 7922

Grassroots Government Advocacy: Dan Castellan (519) 253 3000
Student Activities: Jamie Smith (519) 890 8684
Fac. Adviser - U of W Student Chapter: Dr. David Ting (519) 253 2871
Newsletter: Adam Meeker (519) 737 5725
Reception: Jeff Armstrong (519) 256 7922



A Letter from the President

Greetings ASHRAE Windsor,

This year we celebrated our 25th annual Golf Tournament. We tried some news ideas, a new location, and added a lot of new faces. It paid off. This year was a great success. I measure this success through the amount of those whom attended, the weather, the venue, the condition of the course, and the generosity of our amazing supporters and volunteers. So many great contributions were made by those who sponsored the day's events, sponsored a hole, and donated a door prize or raffle prize.

We appreciate the contributions you have made year after year. We are happy that so many new faces have joined us and that they are looking forward to participating again next year.

On behalf of the chapter golf committee and board of governors, thank you, and see you next year!

Sincerely,

ASHRAE Windsor Chapter 141

Paul Greff

President



ASHRAE Windsor October 2016 Meeting

TECHNICAL PRESENTATION - ONTARIO CLIMATE CHANGE EFFECTS TO HVAC INDUSTRY

The Windsor Chapter of ASHRAE is pleased to invite you to our October 2016 meeting. We will be gathering at a familiar location for many of our members; Lilly Kazzilly's Crabshack & Grill.

Located on the waterfront in east Windsor, Lilly Kazzilly's is a full service restaurant, offering guests a fabulous view of Lake St. Clair, the Detroit River, and Peche Island. With an extensive menu to offer, Lilly's offers a unique and relaxing dining experience.

Date: Tuesday, October 18, 2016
5:30 PM - Eastern Time

Location: Lilly Kazzilly's Crabshack & Grill
9550 Riverside Drive East
Windsor, Ontario
Located adjacent to the Lakeview Park Marina

ASHRAE Windsor Chapter Members: **\$40**
Guests: **\$50**
Students: **\$20**

Dinner includes an entrée ordered from the various menu options. Beverages are not included.

Please RSVP via email by Friday October 14th at 12:00 PM to Nathan Cook.
ncook@dillon.ca, (519) 948-5000





SUZANNE WILTSHIRE, MBA, CGD

MITSUBISHI ELECTRIC SALES CANADA INC., COMMERCIAL HVAC DIVISION,
BUSINESS DEVELOPMENT



Ms. Wiltshire has been active in the renewable energy industry in Ontario since 2003, holding senior management positions with Hydro One, Guelph Hydro, Select Energy, Ameresco, Golder Associates and for the past two years, Mitsubishi Electric. Throughout, she has assisted developers and municipalities to design and install energy efficient and renewable energy HVAC systems in mid and high rise buildings including work for the City of Toronto, the Government of Charles County Maryland, Oakville Hydro, and Enwave.

Ms. Wiltshire has a BA from The University of Western Ontario and an MBA from Wilfrid Laurier University, a Graduate Diploma from York University and GeoExchange Installer and Commercial Design Certificates from the Canadian GeoExchange Coalition.

Ms. Wiltshire has spoken at numerous industry conferences and events, including the Green Real Estate Forum, BOMEX, Real Property Investment Conference, the Canadian BrownFields Conference, the Canadian Wind Energy Conference, and the Canadian GeoExchange Conference. Ms. Wiltshire was President of the Ontario Geothermal Association from 2011-2013 and chaired two OGA conferences. She currently sits on the CSA C448 Standards Committee and is a member of the Toronto Atmospheric Fund "Pumping Energy Savings" Advisory Group.

Variable Refrigerant Flow Technology – Reaching New Heights of Energy Efficiency

VRF technology, one of the most affordable, adaptable, energy efficient, low carbon and low building impact HVAC systems, accounts for over 60% of the HVAC systems in Europe and Asia. Yet in North America, less than 15% of buildings have VRF systems.

As the Ontario Building Code 2017 raises the bar for energy efficiency yet again, as GHG Emissions become monetized by the Federal government, and new Provincial Climate Change Cap 'N Trade regulations and subsidies for carbon reductions begin, Commercial Property Owners and Real Estate Developers must find new ways to not only reduce energy consumption, but also reduce carbon emissions, whether retrofitting a 1970's all-electric building or building a new 60 storey tower.

This presentation will illustrate how VRF technology can fit into any building while providing the highest level of comfort and control, at a very competitive cost. Highlighting the Solo District Development in Burnaby BC, the presentation will detail how four 50 storey towers have integrated geothermal cooling with water-source VRF energy efficiency to produce one of the largest sustainable developments in the world.



ASHRAE in the Community

A couple of our members recently gave presentations to a Fluid Mechanics 1 course at the University of Windsor. The presentation focused on the opportunities available through ASHRAE membership and how it is directly applicable to careers in the HVAC industry.

Speaking with young individuals who may have an interest in our industry is a rare and greatly appreciated opportunity. A great deal of thanks is expressed to the faculty and student members that arranged for the presentations along with the classes that took the time to listen.





Advertising and Promotion

Actively participating in ASHRAE events is a great way to network and discuss potential projects and applications. Chapter meetings provide a captive audience and exposure to a group actively involved in our industry. Promotion opportunities are available during our chapter meetings, through the monthly newsletter and the new website.

TABLE TOP DISPLAY

What better way to display a new product, existing line, or share great ideas than to have a table top display at our monthly chapter meetings?

The fee to provide a Table Top Display is \$200.00 (CAD). In addition to the presentation, the fee also covers the cost of the presenter's meal at the event. If interested in providing a Table Top Display at a future meeting to promote product lines or technologies, please contact Nathan Cook to schedule.

ncook@dillon.ca
(519) 948-5000

BUSINESS CARD PROMOTION

The monthly newsletter is distributed to all of our ASHRAE Windsor members as well as several others that are involved in our industry. Inclusion of your business card in the newsletter would provide a great opportunity to introduce your name and company to those members who may not know you personally. Business cards may also be displayed on the new website.

The fee to include your business card in the newsletter is \$100.00 (CAD) for the year ending June 30, 2017. If interested in having your business card information included in the monthly newsletter, please contact Nathan Cook.

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ASHRAE Conferences

REGION II CHAPTERS REGIONAL CONFERENCES (CRC)

The ASHRAE 2016 Region II CRC has come and gone and it was a complete success! The CRC was hosted by the New Brunswick (NB) and Prince Edward Island (PEI) Chapters who did a great job of organizing and executing the conference events. Thank you to all of the organizers and volunteers for your hard work and dedication.

CRCs are held annually to bring representatives from each Chapter together to discuss Chapter operations and provide an opportunity to meet fellow ASHRAE members from other Chapters.

Several Chair Committee and Board of Governors members represented the Windsor Chapter. The conference provided a great opportunity to develop knowledge and skills for use with our local chapter. Feel free to locate these members during future meetings to discuss their experiences at the CRC.

The 2017 CRC will be hosted by the Montreal Chapter on August 25, 26 and 27, 2017. Be sure to mark these dates in your calendars and start making plans to attend!

Additional details for the upcoming Region II CRC and other Region II events can be found on the ASHRAE Region II website below.

<http://region2.ashraeregions.org/crc.html>





ASHRAE Chapter Involvement

It is a welcome site to see Chapter members and non-member guests alike attend the monthly meetings and events. The time and effort put fourth by all individuals to attend these events is greatly appreciated as it helps strengthen and develop our Chapter as a whole.

As it takes time and effort to attend these meetings, it also takes a great deal of time, effort and dedication to organize and prepare for these events such that they are informative and enjoyable for everyone.

It is a goal of the Chapter to increase the number of participating members. Involvement in Chapter operations is not limited to the Board of Governor and Chapter Committee positions. All individuals interested in getting involved with ASHRAE at any level are encouraged to volunteer in any capacity they are willing and able to. Any efforts to help the Chapter continue to develop and improve would be greatly appreciated.

If anyone is interested in volunteering for general involvement or have a specific task in mind, please contact Nathan Cook.

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