



ASHRAE Windsor Chapter

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

Windsor - Ontario - N8W 2W8



NEWSLETTER

December 5, 2016

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RP AND YEA CHRISTMAS SOCIAL TUESDAY DECEMBER 13, 2016 WINEOLOGY BAR & RESTAURANT

Please confirm your attendance by calling Nathan Cook @ 519 948 5000 or Email: windsorashrae141@gmail.com

SCHEDULED MEETINGS:

Sept. 12, 2016 **25th Annual Golf Tournament**
 Oct. 18, 2016 **Ontario Climate Change Effects to HVAC Industry**
 Nov. 29, 2016 **Applying ASHRAE Standards to Existing Buildings—DL**
 Dec. 13, 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



ASHRAE Windsor Chapter December 2016 Meeting

RESEARCH PROMOTION AND YOUNG ENGINEERS IN ASHRAE CHRISTMAS SOCIAL - WINEOLOGY BAR & RESTAURANT

Not all ASHRAE events are technical! The Windsor Chapter of ASHRAE is pleased to invite you to our December Christmas Social.

Wineology is an upscale lounge specializing in an array of sommelier wine flights from local wineries and vineyards all over the world. Food is available for pairings with wine to provide a diverse experience.

As it is a social event spouses are encouraged to attend. With a variety of wood-fired pizzas, appetizers and a comfortable atmosphere, the Christmas Social will not be an event to miss.

Date: **Tuesday, December 13, 2016**
5:30 PM - Eastern Time

Location: **Wineology Bar & Restaurant**
1646 Wyandotte Street East
Windsor, Ontario

ASHRAE Windsor Chapter Members: **\$35**
ASHRAE Windsor Chapter Members plus Guest: **\$70**
Guests: **\$40**

A cash bar is available at the venue. Parking can be found on the street and in a public lot directly across the street (limited availability).

Please RSVP via email by Thursday December 8th at 3:00 PM to Nathan Cook.
windsorashrae141@gmail.com
(519) 948-5000





TABLE TOP DISPLAY

The December 2016 Table Top Display presentation will be provided by Mr. Rene Plourde of Victaulic. Victaulic provides a broad range of mechanical pipe joining solutions as well as a variety of grooved pipe fittings, couplings and products.

Be sure to check out the presentations to see if these product lines can be applied to any of your future projects.



Next Meeting:

January 7, 2017: Multi-Family Heating Control System Presentation (more details to follow)



November 2016 Meeting Recap

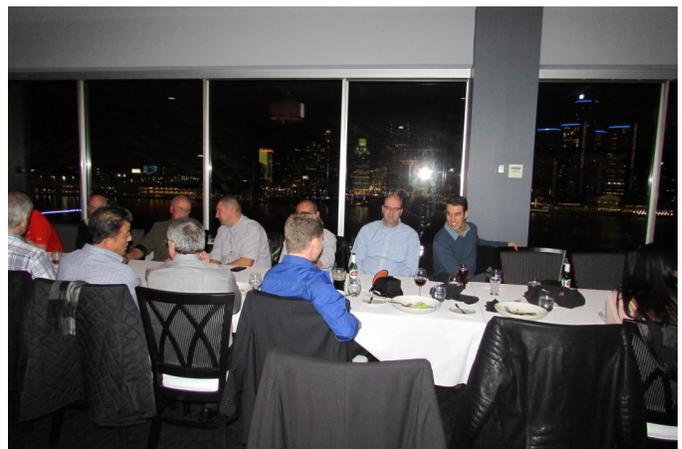
Last month's CTTC themed meeting took the chapter to Fourteen Restaurant and Sky Lounge. Attendees had the opportunity to witness a technical presentation on Applying ASHRAE Standards to Existing Buildings. The presentation was provided by ASHRAE Distinguished Lecturer Hoy Bohanon of Hoy Bohanon Engineering PLLC.

Prior to the presentation, the group enjoyed an excellent meal and good fellowship.

Jeff McCracken of Armstrong Fluid Technologies and Rene Plourde of Victaulic provided informative table top displays. Thank you presenters for your efforts and great presentations!

A special thanks goes to the staff of Fourteen Restaurant and Sky Lounge, who provided a great dining experience.

Overall, the evening was a great success! Thank you to everyone who participated and for supporting the ASHRAE Windsor Chapter.





CTTC Announcement—ASHRAE Technology Awards

Do you think you did an exceptional job on a design? If so, we would like to hear from you. We will be selecting project submittals and you may win the award for Windsor chapter and possibly be selected to compete with those in our region. At the very least the local winner's projects will be highlighted in our newsletter and will receive an award at our Past Presidents Night in the spring.

If the project goes on to win at the society level it will be published in the ASHRAE Journal with press releases. The winner and building owner will also receive a plaque.

These are the criteria segments:

- Energy Efficiency (water included)
- Indoor Air Quality and Thermal Comfort
- Innovation
- Operation and Maintenance
- Cost Effectiveness
- Environmental Impact
- Quality of Presentation

Your project must be commissioned, running and have some data to back up your claims in your project. Any commercial, industrial, institutional or residential project will be considered. It can be a new building or existing and also building commissioning is a separate category.

Want some inspiration or even some guidance on what could reach society level competition? Follow the link below for some examples of winning projects (look for "Technology Award" in the title):

<https://www.ashrae.org/resources--publications/periodicals/ashrae-journal/features/ashrae-journal-featured-article-excerpts>

Remember though, your project doesn't have to be high profile or world class. It can be just a local project that you put a lot of thought into. It should be a design that you took pride in creating and that someone else could benefit from your creativity.

Here is an idea for you. Let's say you designed the HVAC for a sunroom addition of a house. The room has in-floor heat but not cooled so no ductwork would be required. It faces south and gets quite warm in the winter and shoulder months so you install a damper to re-direct the return air to pull mainly from this room to take advantage of the passive solar gain. This will spread the heat out through the house and save on heating bills. In the summer the damper is closed by the residents to keep the warm air from entering the cooled zones.

This is not a typical design but for a small investment it will save the homeowner energy costs and reduce carbon emissions. It will also improve the thermal comfort during shoulder months when residents may need to keep opening windows to control the temperature. This project will touch upon 5 of the 7 criteria mentioned above!

Let's celebrate our hard efforts and ingenuity! *Contact Bill Davies at 519 564-7946 to discuss!*



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.

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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

2017 WINTER CONFERENCE AND AHR EXPO

Looking to plan a winter getaway? ASHRAE has you covered! The world's largest gathering of HVAC&R professionals is taking place this January in Las Vegas. An extensive technical program is available that includes a plethora of seminars, presentations, courses, training and certification opportunities for a variety of disciplines and specializations. In addition to the technical offerings, there are a number of tours and social events to meet fellow ASHRAE members from around the world. What better place to do all of this than the City of Lights!

The International Air-Conditioning, Heating, Refrigerating Exposition (AHR Expo), which started 85 years ago as a heating and ventilation show, has grown into *the* HVACR event of the year and is held in major cities across the U.S. The 2017 Show will be in Las Vegas, hosting more than 2,000 exhibitors and attracting crowds of 60,000 industry professionals from every state in America and 150 countries worldwide. It provides a unique forum designed expressly for the HVACR community, allowing professionals to get together to share new products, technologies, and ideas. The AHR Expo is co-sponsored by [ASHRAE](#) and [AHR](#), and is held concurrently with ASHRAE's Winter Conference.

2017
Winter
Conference
Jan. 28 – Feb. 1
Las Vegas, NV
Caesars Palace

ASHRAE

AHR
Expo
Jan. 30 – Feb. 1
Las Vegas, NV
Las Vegas Convention Center



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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