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ASHRAE LONDON CANADA CHAPTER #116

TOPIC:

Passive House

Presenter:

Larry Ferreira

Canadian Regional Sales Manager
Systemair

Monday, January 23rd, 2023

5:00PM – Hosted IN PERSON!

BMO Centre

295 Rectory Street

[Registration link](#)

\$85 – Members | \$25 - Students

Please see presidential message on page 3 for a note about meeting costs year to date.



January Topic

Passive House

Join Larry Ferreira, Canadian Regional Sales Manager with Systemair to discuss Passive House. Passive House is a standard for High Performance Buildings. It covers the many aspects that affect a buildings performance by significantly reducing energy losses. It takes an in depth look at: insulation, thermal bridging, windows, airtightness, ventilation, and heating/cooling demand with the goal of minimizing energy footprint.

January Presenter

Larry Ferreira

**Canadian Regional Sales Manager
Systemair**

Larry Ferreira is the Canadian Sales Manager for Systemair Mechanical Division of products. He has been with Systemair for 12 years supporting ventilation projects in Application Engineering, Manufacturing Inside Sales and Outside Sales.



2023 Chapter President's Message

Hello All,

Happy New Year!. It was a great pleasure to reconnect with all members of London chapter again in 2023.

In 2022, we successfully completed a chapter golf tournament and two in person meetings. Thank you very much for your support.

In 2023, we have planned 5 in person technical meetings for the benefit of our membership. Topics and speakers are selected to provide insight into current industry trends, updated building codes and compliance and diverse applications in HVAC and Refrigeration subject.

After detail review of chapter operations and finances, board has decided to increase meeting fees to 85\$ per person from 70\$ per person from January meetings.

This increase in fee is to offset increased costs of meeting space, food and audio visual equipment at venues in post covid period.

For example, At 70\$ per person, we lost around \$1000 per meeting on average in last two meetings.

I believe all members would extend their support to us so we can continue chapter operations in a smooth manner.

If anyone willing donate for ASHRAE research or sponsor a meeting or student meal or exhibit a product, please contact me at c116@ashrae.net

Thanks

Rajarajan.D, P.Eng.



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Scott Turner, Technical Sales Rep

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95 Enterprise Drive, London, Ontario N6N 1A6



Professional Development

Need hours for your professional development requirements? Be sure to attend a chapter meeting. Professional Engineers Ontario requires members to have yearly professional development training recorded through the Practice Evaluation and Knowledge (PEAK) program. Other groups may also require continuing education.

Chapter Upcoming Meetings

Monday January 23rd – Chapter Technical Meeting

Topic: Passive House

Speaker: Larry Ferreira, Systemair

Monday February 27th – Chapter Technical Meeting

Topic: Basics of Air Change Rates (ACH): Facts versus Fiction

Speaker: Kishor Khankari, Ph.D., Ansight LLC

***** be sure to check web site for latest information *****

<http://LondonCanada.AshraeChapters.org>

ASHRAE Society Engineering Job Board

The ASHRAE society Engineering job is a publicly accessible job board where all companies can create job postings for HVACR related jobs. The resource is available at <https://jobs.ashrae.org/>

ASHRAE London Canada – 50th Year Anniversary

2022 is the 50th year since ASHRAE London Canada received its charter on May 8, 1972. The London chapter was formed when J. Vanstone, C.R. Morrison, J. Hoyle, F. Lucas, and J.B. Bisset meet in 1970/1971 to discuss starting a chapter which had the Hamilton Chapter offering to act as sponsor.

ASHRAE Winter Conference

ASHRAE is hosting the 2023 winter conference in Atlanta between February 4th to February 8th. Registration is now open and can be found at the below link.

<https://ashrae.org/conferences/2023-winter-conference-atlanta>

In partnership with AHRI Expo – February 6th to 8th

<https://www.ahrexpo.com/>



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Business Card Ads

Place your business card HERE

Just \$100 for one year
and includes also on the chapter
web site

contact:

Newsletter Editor

Tom Pollard

tpollard@execulink.com

or

Treasurer

Jeff Armstrong

jeff.armstrong@trane.com



ASHRAE RESEARCH

Hello ASHRAE London Members,

My name is Jeff Armstrong and I am the Chapter Research Promotion Chair for this year. Our Research Promotion goal for this year is \$10,000 and look forward to reaching this goal through your continued support.

This year we will be recognizing donors at a RP Donor Recognition meeting by displaying individual and company donors prior to one of the technical presentations. Donors will also be recognized in the monthly newsletter and on the London Chapter website. To donate online please visit: <http://www.ashrae.com/donate>

Current Donors:

Roberts Brothers Sheet Metal

Current Honour Roll Individual Donors:

John Xiang, Ibrahim Semhat, Glenn Kernaghan, Jeff Armstrong, Rob Davidson, Tom Pollard
Rajarajan Deenadayalan, Aaron Hampel

Current Honour Roll Corporate Donors:

Current Corporate Major Donor Silver:

Contribution Levels	Individual	Company
Honor Roll	\$150 +	\$500 +
Major Donor (Bronze)	\$250 - \$999	\$500 - \$999
Major Donor (Silver)	\$1000 - \$2,499	\$1000 - \$2,499

If any questions, please contact:

Jeff Armstrong

519-453-3010 x.814

jeff.armstrong@trane.com





ASHRAE Cold Climate Conference 2023

The ASHRAE Alaska Chapter warmly invites you to join us in Alaska in March 2023 for two amazing international conferences!

The first conference, the “ASHRAE and SCANVAC HVAC Cold Climate Conference 2023” is being co-organized by ASHRAE and SCANVAC and will be held in Anchorage from March 6-8th. For an additional registration fee, attendees can continue their arctic experience at the “Arctic Mini Conference”, in Fairbanks from March 9th-10th.

The goal of the conferences is for Built Environment engineers, practitioners, researchers, scientists, owners and government officials working in Cold Climate regions to share recent solutions and advancements addressing changes in climate; while experiencing the warmth, hospitality and culture of Alaska.

The technical presentations will provide relevant and practical solutions to handle the challenges of today as well as tomorrow in the Changing Arctic. Our goal is to ensure all attendees leave the conference with new tools and ideas that they can implement in their designs and communities, as well as excitement and inspiration for solutions yet to come.

Come to network with professionals from across the Arctic and learn what other nations are doing in our industry to address these challenges. Now more than ever, it is important for the People of the Arctic to share current Best Practices and collaborate on innovative solutions.

Beyond the technical scope, we Alaskans are known for our hospitality, just as Alaska is known for its natural beauty. We've made this conference one that will be remembered for decades!

Dates and Locations:

March 6-8, 2023—Anchorage

March 9-10, 2023—Fairbanks

Conference Website:

ashrae.org/2023hvaccoldclimate

ASHRAE Winter Conference – Region 2 Dinner

Message from Dan Castellan, Region II RMCR:

You are cordially invited to join us for the Region II Dinner at the 2023 Winter Meeting in Atlanta Georgia
If you are attending the meeting please try to make the event.

This event is joint Dinner with Region I & Region III. We have excellent venue close to the Conference Hotel.
The Dinner is on **Sunday February 5, 2023, 6:00 pm to 9:00 pm**. Open Bar (Beer and wine) , mixed drinks extra.
We are also seeking Sponsors for the dinner. Your company Logo will be advertised at the event.

Sponsor a student (\$60 US)

Dinner/Bar Sponsor (\$100 US, \$250 US and \$500 US)

Please register early by January 20, 2023. Baltimore Chapter will be collecting the fees at the dinner
by registering with the following link: <https://ashrae-balto.org/meetinginfo.php?id=94>



ASHRAE Pocket Guide 10th Edition

Now available in the ASHRAE Bookstore! The ASHRAE Pocket Guide 10th edition serves as a user-friendly, offline reference for engineers without easy access to complete ASHRAE Handbook volumes. This latest edition has been revised to include updates from the four current volumes of the ASHRAE Handbook series, from the 2019 editions of ASHRAE Standards 15, 34, 62.1, 62.2, and 90.1, and the 2020 edition of Standard 55. Learn more about what is included in the 10th edition and purchase your copy today.

<https://www.ashrae.org/technical-resources/bookstore/ashrae-pocket-guide-for-air-conditioning-heating-ventilation-refrigeration-10th-ed>

New ASHRAE Certification Study Guide

Now available in the ASHRAE Bookstore

The NEW **Certification Study Guide: Building Commissioning Professional (BCxP)** joins the growing suite of ASHRAE Certification tools to help you reach your professional goals.

Looking for something else? Also available are the **Certification Study Guides for Certified HVAC Designer (CHD)** and **Building Energy Modeling Professional (BEMP)**.

Tune-in to the ASHRAE Journal Podcast

Tune into conversations between leading ASHRAE experts as they discuss what HVAC engineers need to know to design better systems and grow the HVAC&R industry. Available on all podcast platforms.

<https://www.ashrae.org/news/ashraejournal/ashrae-journal-podcast>



2023 ASHRAE WINTER CONFERENCE

ATLANTA, Feb 4-8 | AHR Expo, Feb 6-8

REGION I, II & III DINNER

Sponsors
Are
Welcomed

SUNDAY FEBRUARY 5, 2023

6:00 PM—9:00 PM

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**\$60.00 /
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- ♦ Sweet & Sour Pork Spring Rolls
- ♦ Corn Crab Fritters

PLATTERED HOR D'OEUVRES

- ♦ Beet Salad
- ♦ Hummus Two Ways

CARVING STATION

- ♦ Organic Chicken Breast
- ♦ Herb Striploin
(mashed potatoes and season vegetables)



CONTACT INFORMATION

REGION I—ASHLEY KELLER
E: keller@nemsi.com | Ph: (860) 917-4392

REGION II—DANNY CASTELLAN
E: danc@uwindsor.ca | Ph: (519) 819-5585

REGION III—SHERRY ABBOTT-ADKINS
E: sadkins a2esg.com | Ph: (443) 977-9741 #

**RESERVE YOUR SPOT AND PAY BY
JANUARY 20, 2023.**

**Cash Bar
Mixed Drinks**

**For Payment Visit
Baltimore Chapter**

<https://ashrae-balto.org/meetinginfo.php?id=94>

ASHRAE and SCANVAC HVAC Cold Climate Conference 2023



Unique Challenges & Solutions for Climate Change in Cold & Arctic Communities

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REGISTRATION IS NOW OPEN!

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March 6-8, 2023—Anchorage
March 9-10, 2023—Fairbanks

Conference Venues:

Anchorage:

Marriott Anchorage Downtown

Fairbanks:

Chena Hot Springs Resort

Visit the conference website for information on discounted conference room blocks. For BOTH Venues!

Travel Arrangements:

Visit the conference website for information on traveling to Alaska during the winter.

Conference Website:

ashrae.org/2023hvaccoldclimate

Flyer Contents:

HVACCC 2023 Conference	Page 2
Conference Topics	Page 3
Arctic Mini Conference	Page 4
Sponsorship Opportunities	Page 5
Conference Flyer	Page 8
