



**BOARD OF GOVERNORS**

**President**

Aaron Hampel  
[aaronhampel@prestonphipps.com](mailto:aaronhampel@prestonphipps.com)

**Vice President**

Tom Deslippe  
[tommy.deslippe@gmail.com](mailto:tommy.deslippe@gmail.com)

**Treasurer**

Scott Sinclair  
[scott.sinclair@chorley.com](mailto:scott.sinclair@chorley.com)

**Secretary**

Derek Jacobs  
[dbjacobs8@gmail.com](mailto:dbjacobs8@gmail.com)

**COMMITTEE CHAIRS**

**Membership Promotion**

**Research Promotion**

Tom Deslippe

**Student Activities**

Andrew Megens  
Jeff Armstrong

**Young Engineers In ASHRAE**

Emily Racz

**Technology Transfer**

Zack Wilson  
Derek Jacobs

**Government Activities**

Kathleen Mayberry  
Zack Wilson

**Refrigeration**

Jim Legree

**Historian**

Tom Pollard

**Newsletter & Website**

Derek Jacobs  
Tom Pollard

**Special Events**

Jeff Armstrong

# ASHRAE LONDON CANADA CHAPTER #116

**Topic:**

**Removing the Artificial from Artificial Intelligence:  
Scalability Requirements and Examples of AI in  
Building Operations**

**Presenter:**

***Jayson Bursill, Ph.D., P.Eng.***

**Data Scientist, Delta Intelligent Building Technologies**

**Monday April 27<sup>th</sup>, 2026**

**5:00pm to 6:00pm = Social\*\* ; 6:00pm to 7:00pm = Dinner; 7:00pm = Presentation**

**Eleven Sixty Bar & Grille  
1160 Wellington Rd, London**

**\*\* Please plan to arrive no later than 5:30 pm  
to give venue staff adequate time to take/ place orders**

**[Registration Link](#)**

**\$90 – Members | \$30 – Students  
e-Transfer to [ashraelondon@gmail.com](mailto:ashraelondon@gmail.com) preferred**



## **April Topic:**

This presentation examines how Artificial Intelligence and Machine Learning (AI/ML) can be safely and effectively integrated into building control environments. Key generative AI principles are introduced with an emphasis on their relevance to control logic and building automation workflows.

It also reviews the ASHRAE standards and guidelines most relevant to controls with a focus on requirements that shape data quality, interoperability, and scalable deployment. The session then presents three field validated AI/ML systems detailing performance outcomes, operational constraints, and lessons learned from real world implementation. These results frame a set of practical recommendations for embedding AI/ML within building control architectures emphasizing robust data pipelines, lifecycle reliability, and measurable operational value.

## **April Presenter:**

**Jayson Bursill, Ph.D., P.Eng.**  
Data Scientist, Delta Intelligent Building Technologies

### **About the Speaker:**

Dr. Jayson Bursill is a Data Scientist for Delta Intelligent Building Technologies (formerly Delta Controls) where he leads all data science and related research activities. Jayson received his PhD in Mechanical Engineering from Carleton University for developing and implementing model-based predictive HVAC controls and evaluating performance in a field test. He is also an Adjunct Research Professor at Carleton University. He has publications on multiple building-related topics in several academic journals and conference proceedings.

Dr. Bursill is also involved in multiple ASHRAE technical activities related to controls including TC 1.4 (Control Theory and Application), GPC 36 (High-Performance Sequences of Operation for HVAC Systems), SPC 223P (Semantic Data Model for Analytics and Automation Applications in Building), SPC 231 (A Control Description Language), and MTG.GenAI.





## 2025-2026 Chapter President's Message

To ASHRAE London Chapter Members,

To introduce myself – I am Aaron Hampel, your ASHRAE London Chapter President for 2025/2026. I have been working in this industry since 2016 and have been involved with our chapter since 2018, working alongside the London Chapter Board of Governors (BOG). My hope is this year our chapter members will build strong relationships across the community, engaging in interesting topics with fantastic speakers.

The theme for the 2025-26 ASHRAE Society Year is "Healthy Buildings: Designing for Life." We are hoping, as a chapter, to achieve this goal by having our member organizations see a worthwhile investment in sending people out to our monthly meetings. We want to ensure that our industry has a sustainable future by investing in our members' continued success in this industry.

We have committed BOG volunteers who share the same goal of growing the chapter by providing value to our members. We aim to build on the success of last year by hosting many of our events at similar venues, giving everyone time to connect and share ideas. Everything the chapter decides to do is based on your feedback, so please share your insight! This is your local chapter, and our priority is providing value to our local members.

We wish to thank all donors to our previous year's research promotion campaign. We will communicate how these funds are being allocated and will advocate for your donations to be spent towards projects important to the chapter. Support for this calendar year is appreciated, and donations can be made through the link on our chapter website. If any members are interested in volunteering for the chapter, please contact me at [aaronhampel@prestonhipps.com](mailto:aaronhampel@prestonhipps.com) to join our team!

Regards,

**Aaron Hampel**



**AINSWORTH**  
Technical Experts Committed to Client

**ISO 9001**  
CERTIFIED

**Jim Legree**  
Service Manager

T: +1.519.337.3331  
C: +1.226.385.8616  
Jim.Legree@Ainsworth.com

Ainsworth Inc.  
3392 Wonderland Road S, Building 3 Unit 1  
London, ON N6L 1A8  
www.ainsworth.com



**Johnson Controls**

**IBRAHIM M. SEMHAT P.ENG, LEED® AP BD+C**  
Account Executive, Building Systems & Services  
Building Efficiency

Johnson Controls Canada LP  
90 Bessemer Road  
London, ON N6E 1R1 Canada  
Direct 519-891-3138 Mobile 519-852-1470 Fax 519-681-9322  
Ibrahim.Semhat@jci.com www.johnsoncontrols.com



**Carrier**  
Turn to the experts

**ACP HVAC SUPPLY**

**Jeff Armstrong, P.Eng.**  
Principal

(519) 495-2571 | jarmstrong@acp-hvac.ca | acp-hvac.ca  
Sarnia - London - Hamilton



**systemair**

**Larry Ferreira**  
Canadian Regional Sales Manager

+1 226 231 0763 (Mobile)  
0460lafe (Skype)  
larry.ferreira@systemair.net

8 Rouse St.  
Tiltsburg ON  
Canada N4G 5W8



**O'DELL ASSOCIATES INC.**

**Ghaleb Sater** P. Eng.  
ghaleb@odellassoc.com

Cell: 519-902-2053  
Tel: 519-652-8280

85 Bessemer Rd.  
London, ON N6E 1P9  
www.odellassoc.com



**WMC**  
WATER MANAGEMENT

**ANDREW MEGENS**  
District Manager  
SOUTHWESTERN ONTARIO

C 519-281-4996  
T 416-321-0101  
E andrew@wmcwater.com



## 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

June 1<sup>st</sup> – ASHRAE London Chapter Annual Golf Tournament

Location: FireRock Golf Club, Komoka

June 27<sup>th</sup> – July 1<sup>st</sup> – ASHRAE Annual Conference

Location: Austin, TX

\*\*\* 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/>

## Business Card Ads

Place your business card in our monthly newsletter! Just \$100 for one year and will also be included on the ASHRAE London Canada Chapter website.

Contact either of our Newsletter Editors:

Tom Pollard  
tpollard@execulink.com

Derek Jacobs  
dbjacobs8@gmail.com

**Cody Neath**  
Vistaulic  
Engineering and Business Developm...

(647) 220-8750 Mobile  
Cody.Neath@vistaulic.com

**Terry Arcese, P.Eng., LEED AP**  
Director  
terry.arcese@hts.com  
C 519.852.9873

**HTS London**  
320 Neptune Cres.  
London, Ontario N6M 11A1  
T 519.457.6700 Ext. 2604  
D 519.963.4242  
[ontario.htseng.com](http://ontario.htseng.com)



**LISA BHATT P.ENG**  
Outside Sales Representative, Business Solutions

lbhatt@master.ca  
C 519-259-2138

**THE MASTER GROUP**  
100-3200 Jefferson Blvd  
Windsor ON N8T 2W8

master.ca

**Anthony Pancino C. Tech,**  
South Western Ontario Sales



519-649-1700 main  
519-280-2524 mobile  
Anthony.Pancino@engineeredair.com

Unit 11 60 Meg Drive  
London, ON N6E 3T6  
www.engineeredair.com



**Dwight Reid, CET**  
Branch Manager - South Western Ontario

90 Towerline Place  
London | ON | N6E 2T1

[mitsair.com](http://mitsair.com)

Tel.: 519-914-9000 ext. 701  
Cell: 519-589-2163  
dwight@mitsair.com

**Eric Shaw**  
Senior Mechanical Sales Consultant

T 519.451.5115  
M 519.851.8000  
E [eshaw@ehpricesolutions.ca](mailto:eshaw@ehpricesolutions.ca)

6-2351 Huron Street  
London, ON N5V 0A8  
[ehpricesolutions.ca](http://ehpricesolutions.ca)





Hello ASHRAE London Members,

A big thank you to all of our annual sponsors who have helped us kick off the year at a record pace! Thanks to 12 local annual sponsors, we've already raised **\$1,950** toward **ASHRAE Research Promotion** - an incredible start toward our chapter goal of **\$10,390**.

We're excited to introduce this year's sponsorship opportunity for Chapter Members. A portion of every sponsorship goes directly to support ASHRAE Research Promotion, and we're thrilled to already be off and running thanks to your generosity.

Each month, sponsors and donors will be recognized in our chapter newsletter and on the ASHRAE London Canada Chapter website. To donate online please visit: <http://www.ashrae.com/donate>

**Current Donors:**

- |                  |                      |
|------------------|----------------------|
| ACP HVAC Supply  | Mits Air             |
| Ainsworth        | O'Dell HVAC Group    |
| Engineered Air   | System Air           |
| EH Price         | Trane Canada         |
| HTS London       | Victaulic            |
| Johnson Controls | WMC Water Management |
| The Master Group |                      |

**\$1,950 RAISED**



**GOAL  
\$10,390**

| <u>Contribution Levels</u> | <u>Individual</u> | <u>Company</u>   |
|----------------------------|-------------------|------------------|
| Honour Roll                | \$150 +           | \$500 +          |
| Major Donor (Bronze)       | \$250 - \$999     | \$500 - \$999    |
| Major Donor (Silver)       | \$1000 - \$2,499  | \$1000 - \$2,499 |

As always, donations can be made through the link on our chapter website, or feel free to reach out to Tom Deslippe at [tommy.deslippe@gmail.com](mailto:tommy.deslippe@gmail.com) to assist with the process. Let's keep the momentum going!



## **Previous Meeting: March Chapter Meeting**

Our March meeting featured two complementary presentations on improving efficiency and reducing emissions in gas-fired heating systems. Mark Davey, P.Eng., CEM - a Senior Advisor for Commercial Energy Conservation at Enbridge Gas - opened the evening with an update on current Enbridge incentive programs available for boilers and other HVAC solutions. Mark walked attendees through the pathways available to building owners and design professionals looking to offset the capital cost of higher-efficiency equipment, offering practical guidance on how to leverage these programs on commercial and institutional projects.

The technical portion of the meeting was delivered by Matthew Rainey, Technical Director of the Heating Department for Eastern Canada, who unfortunately was not able to join us in person and presented virtually. Matthew discussed flue-gas heat recovery technologies and economizers for gas-fired boiler systems. His presentation included a deep dive on how condensing economizers and heat pump integration can push measured fuel-use efficiencies beyond 100% by capturing latent heat from flue gas.

Also covered was selection criteria based on operating temperature, practical integration strategies for feedwater and deaerator preheat, condensate heating, combustion-air preheat, domestic hot water, and district heating applications, along with the challenges unique to steam plants. Matthew also addressed the materials and maintenance considerations that come with acid condensation risk, including appropriate metallurgy and coatings, soot management, and condensate neutralization, and closed with example paybacks and lifecycle benefits including CO<sub>2</sub> and NO<sub>x</sub> reductions.

Thanks to both Mark and Matthew for an informative evening.

---

## **ASHRAE NEWS – April 2026**

### **ASHRAE LONDON CANADA CHAPTER - EXECUTIVE ELECTIONS FOR 2026-2027 YEAR**

Each year the Chapter needs to fill the positions of President, Vice-President (President Elect), Secretary, and Treasurer. These Officers and Chairs help operate the Chapter including planning meetings, getting new members, and reporting to ASHRAE Region II and ASHRAE Society. Any ASHRAE member can suggest names including themselves for a position. Additional members are needed to continue operation of the Chapter. Please consider assisting the Chapter continue to function.

Chair positions include: Membership, Research Promotion, Chapter Technology Transfer, Student Activities, Young Engineers in ASHRAE, Government Affairs, refrigeration, Chapter Communications, Newsletter Editor, Special Events. See <https://londoncanada.ashraechapters.org/board.html> for a list of current Chapter Chairs who can explain what may be involved.

### **Region II - Chapters Regional Conference (CRC)**

The ASHRAE Region II Delegates and Chairs meet once a year to review ASHRAE, report on our past chapter activities and get ideas from other chapters. One of the benefits of being a ASHRAE London executive or chair is attending the CRC (travel is paid for by ASHRAE for some Chair positions). This year's CRC is being hosted by the NB/PEI Chapter at the Rodd Brudenell Rivers Resort, PEI from August 28th to 30th, 2026.

If you have any ideas that you would like to have ASHRAE review or change in operations, then please let one of the Executive or Chair members know. If you are interested in a Chair position (and possible trip to PEI) then be sure to let one of the Executives know. Positions for the 2026-2027 year are now being reviewed and discussed. Also, Society Committees are also looking for members to assist - you do not need to be an expert as several Committees are just looking for members to assist in reviewing documents, activities and suggestions so that they can make ASHRAE better for all members.



### **ASHRAE LONDON CANADA CHAPTER ANNUAL GOLF TOURNAMENT**

Monday, June 1st, 2026

FIREROCK, 10345 Oxbow Dr, Komoka

**REGISTRATION IS NOW LIVE:**

<https://forms.gle/FyYzBXEhHoJyCgqs7>

each Group at \$975, Single at \$250, Sponsor a hole for \$150

**Register now and secure your teams spot!**

### **ASHRAE ANNUAL CONFERENCE**

June 27th - July 1st 2026 in Austin, TX

Registration for the 2026 Annual Conference is now open!

Early Bird rates end April 27th. Register now via:

<https://www.ashrae.org/conferences/2026-annual-conference-austin>

### **Proposed Bylaws Amendment: New Membership Model**

ASHRAE members will vote on the Bylaws amendments to finalize the proposed new membership model on the April 2026 ballot. If approved by the membership, the new model will be effective July 1, 2027.

Please review the new simplified model:

<https://www.ashrae.org/membership/proposed-new-membership-model>

### **NEW! HVAC Design Level I Non-member Registrants Get One-year FREE ASHRAE Membership!**

Starting this April, non-member registrants for the HVAC Design Level I course (live or virtual) will now receive a complimentary one-year ASHRAE membership. Membership will begin the week following completion of the course. Participants will receive a welcome email once the membership begins.

### **NEW! 25% Certification Application Discount**

Apply May 1st - 31st

Exciting news! Apply between May 1st and the 31st with the discount code **CERT2026** to receive a 25% discount on applications for any of ASHRAE's seven (7) building design or building performance certifications.

Here's how the discount works:

1. Apply anytime May 1-31 using the Discount Code: CERT2026
2. Take your certification exam at any of ASHRAE's new 1,000+ test center locations worldwide

Learn more: <https://www.ashrae.org/professional-development/ashrae-certification>

---

### **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>

---

## **Government Affairs**

Kate Mayberry – Government Affairs Chair 2025-2026

Zachary Wilson – Government Affairs Committee 2025-2026

### **News from ASHRAE Society:**

#### **ASHRAE Leadership meets with Senate Offices**

On March 24, ASHRAE President, Bill McQuade; President-Elect, Sarah Maston; Treasurer, Ashish Rahkeja; and Executive Vice President, Jeff Littleton went to Washington, D.C. to meet with staff from the offices of Senators Bob McCormick (R-PA) and Angela Alsobrooks (D-MD). For more information, please visit the following ASHRAE link:

[https://www.magnetmail.net/Actions/email\\_web\\_version.cfm?publish=newsletter&user\\_id=ASHRAE&message\\_id=24562654#Outreach](https://www.magnetmail.net/Actions/email_web_version.cfm?publish=newsletter&user_id=ASHRAE&message_id=24562654#Outreach)

#### **ASHRAE and UNEP Approve Two-Year Work Plan Focused on Life Cycle Refrigerant Management**

ASHRAE and the United Nations Environment Programme (UNEP) have approved a new two-year work plan titled Life Cycle Refrigerant Management (LCRM). The plan was adopted during the 2026 ASHRAE Winter Conference in Las Vegas. For more information, please visit the following ASHRAE link: <https://www.ashrae.org/about/news/2026/ashrae-and-unep-approve-two-year-work-plan-focused-on-life-cycle-refrigerant-management>

Subscribe now to the bi-weekly newsletter to stay connected with the most recent government activities around the world, pertaining to building professionals like you. You can access the most recent Government Affairs Update HERE:

<https://www.ashrae.org/about/government-affairs/government-affairs-updates>