



BOARD OF GOVERNORS

President

Tom Deslippe

tommy.deslippe@gmail.com

Vice President

Scott Sinclair

scott.sinclair@chorley.com

Treasurer

Derek Jacobs

dbjacobs8@gmail.com

Secretary

Zachary Wilson

zachary.wilson@chorley.com

COMMITTEE CHAIRS

Membership Promotion

Rabia Awan

Research Promotion

Scott Sinclair

Student Activities

Emily Racz

Young Engineers In ASHRAE

Ashiq Islam

Technology Transfer

Andrew Megens

Derek Jacobs

Government Activities

Kate Mayberry

Andrew Megens

Refrigeration

Jim Legree

Historian

Tom Pollard

Newsletter & Website

Zachary Wilson

Tom Pollard

Special Events

Jeff Armstrong

Derek Jacobs

ASHRAE LONDON CANADA

CHAPTER #116

Topic:

High-Induction Diffusers: Enhancing Ventilation Performance, Energy Efficiency, and Indoor Air Quality

Presenter:

Peyman Raphe

Ph.D., National Product Specialist in Air Distribution – Master Group

Monday October 26th, 2026

5:00 pm - 6:00 pm Social

6:00 pm - 7:00 pm Dinner

7:00 pm - 8:00 pm Presentation

Marconi Club

120 Clarke Rd, London

Registration Link

\$90 – Members | \$30 – Students

e-Transfer to ashraelondon@gmail.com preferred



**London Canada
Chapter**

Celebrating Fifty-Five Years

1972 – 2026

October Topic:

This presentation examines advanced high-induction air distribution technologies and their application in both new construction and retrofit projects to improve building resilience, occupant comfort, indoor environmental quality, and energy performance. The session combines laboratory testing, CFD modeling, and practical design applications to demonstrate how air distribution systems can play a critical role in HVAC system optimization.

Key topics include:

- Fundamentals of high-induction diffuser technology and air mixing principles.
- Experimental and numerical evaluation of diffuser performance.
- Benchmarking and validation of CFD turbulence models against laboratory measurements.
- Ventilation effectiveness, occupant comfort, and compliance with ASHRAE 55 and ASHRAE 62.1.
- Design optimization strategies that can reduce ventilation airflow requirements and associated energy consumption.
- The role of improved air distribution in reducing airborne contaminant residence times and enhancing indoor air quality.
- Practical retrofit opportunities for commercial, institutional, healthcare, and educational facilities.
- Real-world case studies and lessons learned from field applications.

October Presenter:

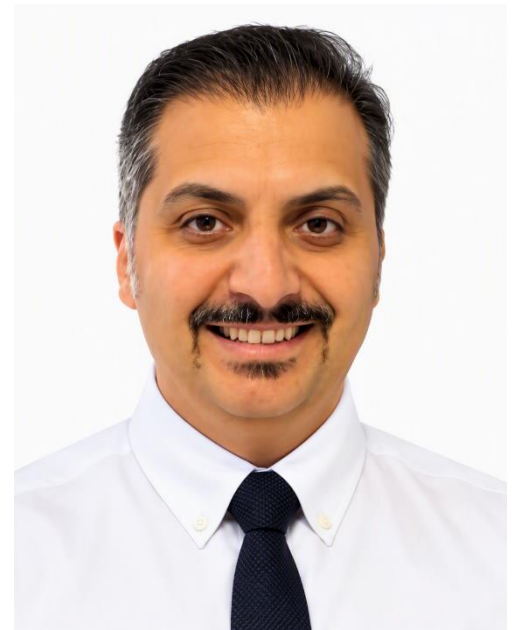
Peyman Raphe

Ph.D., National Product Specialist in Air Distribution – Master Group

About the Speaker:

“Peyman Raphe, Ph.D. is a National Product Specialist in Air Distribution at The Master Group, specializing in HVAC design, air distribution, computational fluid dynamics (CFD), experimental measurements, and rotary equipment design. He has extensive familiarity with ASHRAE Standards and National and Provincial Building Codes, with a particular interest in optimizing ventilation systems to reduce building energy consumption while enhancing indoor air quality and occupant comfort.

During his Ph.D. in Mechanical Engineering at Université de Sherbrooke, Peyman focused on the experimental and numerical characterization of ventilation systems to improve their efficiency and effectiveness. His research involved developing and experimentally validating CFD models in compliance with ASHRAE standards, bridging fundamental airflow research with practical HVAC design and ventilation applications.”



Sept Meeting Summary:

A presentation by **Bruce Taylor**, P.Eng, FCAE, Founder - Enviro Stewards covered several ideas for **Retrofitting for Resilience**. Bruce introduced that when a project involves some proposed retrofitting work that it may be a good idea to also look at related items including upstream sources and processes that could change what is created as waste or maybe could reduce and reuse materials.



2026-2027 Chapter President's Message

To ASHRAE London Chapter Members,

It is an honour to introduce myself as your ASHRAE London Chapter President for 2026-2027. After serving our Chapter in several roles alongside the Board of Governors, I am grateful for the opportunity to lead an organization that has contributed so much to our local industry and community.

This will be a particularly meaningful year for our Chapter. On May 8, 2027, the ASHRAE London Canada Chapter will celebrate the 55th anniversary of receiving its charter.

This milestone belongs to every past president, board member, committee chair, volunteer, sponsor, speaker, student, donor, and member who has contributed to our Chapter. Their time, knowledge, and commitment created the organization we benefit from today. Our responsibility is not only to celebrate what they built, but also to strengthen it for the members who will follow us.

An anniversary should be more than a look back at our history. It should challenge us to consider what we want the next 55 years to look like. The theme for the 2026-2027 ASHRAE Society Year, introduced by Society President Sarah E. Maston, is "Changing the Game: Retrofitting for Resilience." This theme recognizes that creating a more sustainable future will depend not only on constructing new buildings, but also on improving the efficiency, health, performance, and resilience of the buildings already serving our communities.

President Maston's message focuses on three important areas: increasing awareness of building codes and their role in resilience, bringing cross-functional teams together to create practical plans for improving building operations, and making education more engaging so we can attract and prepare the next generation of HVAC&R professionals.

This is a fitting theme for our anniversary year. Resilience is not simply about maintaining what already exists. It is about understanding where we are, bringing the right people together, learning from experience, and adapting so that we can become stronger.

Our goal this year is to provide valuable technical education, exceptional speakers, meaningful professional connections, and opportunities for members to exchange ideas. We also want to strengthen our relationships with Western University and Fanshawe College, support our Young Engineers in ASHRAE, recognize our past leaders, and create opportunities for new members and volunteers to become involved.

We are especially honoured that Society President Sarah E. Maston is currently scheduled to join us in London on May 20, 2027, just days after our 55th anniversary. We are planning a special celebration in May to recognize this important milestone and bring our Chapter community together. Please stay tuned for further details as our anniversary plans are finalized.

A strong Chapter cannot be sustained by the Board of Governors alone. It grows when members attend meetings, bring colleagues, sponsor students, share ideas, support ASHRAE Research, volunteer for committees, and help introduce young people to the opportunities available within our industry.

This is your local Chapter, and your participation will determine what we accomplish together.

Thank you to our Board of Governors, committee chairs, sponsors, Research Promotion donors, volunteers, past leaders, and members for your continued commitment. I look forward to listening to your ideas, working alongside you, and building upon the strong foundation created over the past 55 years.

Together, let us make this anniversary year one that future members will be proud to look back upon.

Regards,

Tom Deslippe
President, 2026-2027
ASHRAE London Canada Chapter #116

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



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 519-691-3138 Mobile 519-852-1470 Fax 519-681-9322
Ibrahim.Semhat@jci.com www.johnsoncontrols.com



Jeff Armstrong, P.Eng.
Principal

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



Larry Ferreira
Canadian Regional Sales Manager
+1 226 231 0763 (Mobile)
d460lfe (Skype)
larry.ferreira@systemair.net
8 Rouse St.
Tillsonburg ON
Canada N4G 5W8



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

Ghaleb Sater P. Eng.
ghaleb@odellassoc.com

85 Bessemer Rd.
London, ON N6E 1P9

www.odellassoc.com



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

November 30th – **Speaker and Location TBD**

Wed December 9th – **Holiday Social Lunch**
Location: **Toboggan Brewing Company**

January 25th/2026 - **Speaker and Location TBD**

***** 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

Zachary Wilson
zachary.wilson@chorley.com

Cody Neath

Victaulic
Engineering and Business Developm...

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

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

HTS London
320 Neptune Cres.
London, Ontario N6M 1A1
T 519.457.6700 Ext. 2604
D 519.963.4242
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



www.somersep.com

Alexander Somers, Technical Sales Rep.

96 Meg Drive, London, Ontario N6E 3T7
Phone: 519-681-1977 x 222 Cell: 647-588-6540
Email: alex@somersep.com Fax: 519-686-9324



ASHRAE RESEARCH

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 11 local annual sponsors, we've already raised **\$5,110** toward **ASHRAE Research Promotion** - an incredible start toward our chapter goal of **\$10,806**.

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>

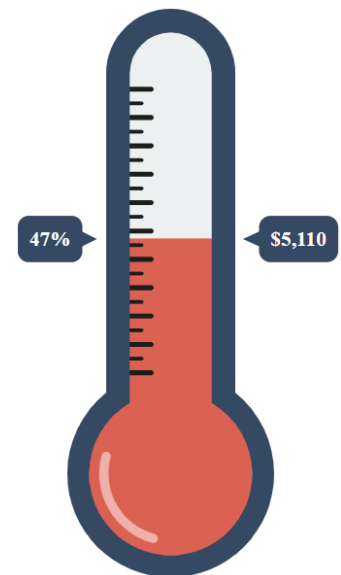
Current Donors:

ACP HVAC Supply	O'Dell HVAC Group
Art Blake Refrigeration	Somers Environmental
Engineered Air	System Air
HTS London	Victaulic
Johnson Controls	WMC Water Management
The Master Group	Trane
JL Richards	Kilmer Environmental
CRB Group Canada	MITS Airconditioning
EH Price Solutions	

Contribution Levels	Individual	Company
Honour Roll	\$150 and over	\$500 and over
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 Scott Sinclair at Scott.Sinclair@chorley.com to assist with the process. Let's keep the momentum going!

GOAL: \$10,806



Government Affairs

Kate Mayberry – Government Affairs Chair 2026-2027

Andrew Megens – Government Affairs Committee 2026-2027

World Standards Day - October 14th

World Standards Day is an annual celebration organized by the International Electrochemical Commission (IEC), International Organization for Standardization (ISO), and the International Telecommunication Union (ITU), celebrating the importance of standards development across the global economy. Link to external site for World Standards Day: <https://www.worldstandardsday.org/home.html>

ASHRAE Participates in Congressional Briefing on National Importance of Standards

On September 24, ASHRAE Director-At-Large David Yashar, presented at a congressional briefing entitled "Building America: How Codes and Standards Advance Housing Affordability, Infrastructure, and Disaster Resilience." For more information on this, please visit the following ASHRAE [webpage](#).



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>

LEED Green Associate Certification: Fall Enrollment

Be among the first LEED v5 Green Associate professionals. Earn a globally recognized credential that validates your sustainability knowledge and demonstrates your commitment to advancing sustainable building practices.

Workshops go beyond simply passing the test, they give you a strong and practical understanding of sustainable building to apply in the real world.

Register here today - <https://leadinggreen.com/online>

- **Be LEED v5 Ready:** Training has been extensively updated for the newly released LEED v5 rating system, requirements, and exam format.
- **Open to All:** Professionals in any industry can participate with no prior experience required.
- **Comprehensive Support:** Get the textbook, 400 updated v5 practice questions, class recordings, and on-demand assistance from our LEED AP+ staff.
- **Trusted Provider:** LeadingGreen has prepared over 18,000 candidates with a 99% pass rate and brings global experience from 50+ LEED-certified buildings.
- **Career-Boosting:** Enhance your professional profile with an industry-recognized credential that demonstrates your expertise in sustainability.