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ASHRAE LONDON CANADA CHAPTER #116

TOPIC:

Life Safety – Fire and Smoke Dampers

Presenter:

Simon Khaled P.Eng LEED Green Associate
Air Distribution Product Manager
Le Groupe Master S.E.C.

Monday, April 24th, 2023

5:00PM – Hosted IN PERSON!

Delta London Armouries

325 Dundas St.

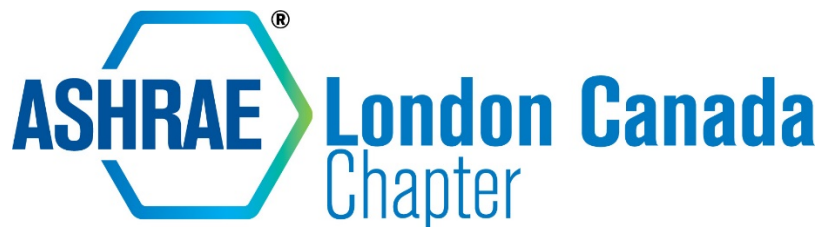
[Registration link](#)

\$85 – Members | \$25 - Students

Get Involved!

There are many volunteering opportunities within the London ASHRAE Chapter that we are looking to confirm and fill for the 2023-2024 ASHRAE year! The Chapter always welcomes new members who would like to get involved and assist the chapter in any way you are able. If this is of interest, please forward your name to any one of the board of governors. Now is an excellent time to get involved to get a feel for how the organization works and to indicate interest for chair positions next year.

It is a great way to get involved in the industry and grow your professional network. We are a very enthusiastic group and like to keep things efficient and fun!



April Topic

Life Safety – Fire and Smoke Dampers

Simon will be discussing various types of dampers and their life safety applications as well as how it pertains to codes and regulations. A summary of the topics covered is below:

- Life Safety Dampers (types)
 - What are they?
 - How do they work?
 - UL Testing – reasons behind the dimensions
- Standards
 - Where are the dampers utilized?
 - Installation UL certification and components
- Unique Products and Special Applications
- Options & Accessories
- Summary

April Presenter

Simon Khaled P.Eng LEED Green Associate
Air Distribution Product Manager
Le Groupe Master S.E.C.

A graduate of the École Polytechnique de Montréal in Industrial Engineering-Mechanical Production, Simon Khaled began his career in the industrial sector at L'Oréal, as a project manager in the mechanical manufacturing department.

In 2008, he made a career change and joined the Master Group's team as an internal technical representative, and then made his way to become a technical representative to consulting engineers, dedicated to the selection of products for industrial and commercial HVAC systems. Simon obtains LEED (Green Building) certification and quickly specializes in ventilation and air distribution, again with the consulting engineers. In 2012, Simon was promoted to Director of Ventilation Products for the development of the Eastern Canada market.

Now, and since 2019, he looks over all Canada into business development for air distribution and ventilation with over 15 years of experience in HVAC; training and coaching the young engineers of Master Group, maintaining a good relationship with all the ventilation vendors and offering to help its customers bringing value added to their projects.





LONDON ASHRAE GOLF TOURNAMENT

SUPPORT ASHRAE RESEARCH CANADA

\$900 / FOURSOME

\$225 / INDIVIDUAL

**MONDAY
JUNE 5**

ECHO VALLEY GOLF CLUB
2738 BRIGHAM ROAD
LONDON ONTARIO



Register here:

<https://forms.gle/fsgmHN4BiNAgLzmDA>

2023 Chapter President's Message

To ASHRAE London Chapter Members

I am Rajan Deenadayalan, your ASHRAE London Chapter President for 2022/2023. I am an Industrial Refrigeration Engineer and Project Manager for Drennan Refrigeration Inc. in London ON. Myself and our BOG team is very excited to serve our membership by promoting peer to peer networking, continuous education on new trends and technologies and opportunities for students to get involved in HVAC/R industry.

We have successfully completed couple of in person meetings this year at various venues around London. Thanks for members support in running in person meetings. We have few lined up until April 2023.

Next meeting will be at Four Points on CO2 refrigeration systems. This will be an interesting topic which explains emerging CO2 technology and its applications in the refrigeration industry.

Also I want to highlight your donations to chapter and society help us to run the chapter operations as well as achieving ASHRAE's mission to serve humanity through continuous research in HVAC/R industry. Please continue your support and feel free to donate using link in chapter website.

If any members interested to volunteer for chapter, please contact me at c116@ashrae.net.

Rajarajan.D, P.Eng.



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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 April 24th – Chapter Technical Meeting
Topic: Life Safety – Fire and Smoke Dampers
Speaker: Simon Khaled

Monday June 5th – Industry Golf Tournament

***** 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 Concludes Successful Winter Conference

The ASHRAE 2023 Winter Conference concluded in Atlanta, with a strong focus on building decarbonization strategies. The conference took place February 4-8, with more than 3,000 HVAC&R industry professionals in attendance. The AHR Expo occupied 487,000 net sq ft. of exhibit space at the Georgia World Congress Center and showcased the latest technologies and services in the HVAC&R industry.


The 2023 ASHRAE Annual Conference will take place June 24 – June 28 in Tampa, Florida. The 2024 Winter Conference will take place January 20 – 24, and the AHR Expo, January 22 – 24, in Chicago.



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Business Card Ads

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Just \$100 for one year
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web site

contact:
Newsletter Editor
Tom Pollard
tpollard@execulink.com
or
VP
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
Vanderwesten & Rutherford
SBM Consulting Engineers

Current Honour Roll Individual Donors:

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

Current Honour Roll Corporate Donors:

Chorley & Bisset
Somers Environmental

<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

If any questions, please contact:

Jeff Armstrong

519-453-3010 x.814

jeff.armstrong@trane.com





ASHRAE Announces Nominees for 2023-24 Slate of Officers and Directors

Doug Cochrane (Region II) was recently announced to serve as a Director-at-Large. Please see below announcement:

ATLANTA (February 6, 2023) – ASHRAE is pleased to announce its nominees for the 2023-24 slate of officers and directors. Nominations for officers and directors were made by the ASHRAE Nominating Committee from a list recommended by individual members and from Chapters Regional Conferences.

The 2023-24 nominees are as follows:

President:

Ginger Scoggins, P.E., Fellow ASHRAE

President-Elect:

Dennis Knight, P.E., BEMP, Fellow Life Member ASHRAE

Treasurer:

Bill McQuade, P.E., LEED AP, Fellow ASHRAE

Vice Presidents:

Billy Austin, P.E., BCxP, BEAP, BEMP, CHD, HBDD, HFDP, OPMP, Fellow ASHRAE

Ashish Rakheja

Wade Conlan, BCxP

Chandra Sekhar, Ph.D., Fellow ASHRAE

Directors and Regional Chairs:

Scott Peach, P.E., FPE (Region VII)

Joe Sanders (Region VIII)

Jonathan Smith, P.E., CEM, LEED AP (Region IX)

Buzz Wright, P.E., FPE (Region X)

Mahroo Eftekhari (Region XIV)

Directors-at-Large:

Doug Cochrane, P.Eng., LEED AP

Corey Metzger, P.E.,

Heather Schopplein, P.E.

Alternate Director-at-Large:

Patrick Marks, P.E., Fellow ASHRAE

ASHRAE members will vote on the nominees via electronic ballot in May. Ginger Scoggins, P.E., Fellow ASHRAE, will serve as ASHRAE President for the 2023-24 Society Year.



ASHRAE Recognizes Excellent Achievements of Members at the 2023 Winter Conference

Recognizing Canadian ASHRAE accomplishments there were 3 Canadian technology awards given which are included below. For the full list please go to <https://www.ashrae.org/about/news/2023/ashrae-recognizes-excellent-achievements-of-members-at-the-2023-winter-conference>

ATLANTA (February 5, 2023) – ASHRAE recognized the excellent achievements and contributions of members to the Society and the built environment industry during its 2023 Winter Conference in Atlanta.

Award of Engineering Excellence

The Award of Engineering Excellence was created in 1989 to recognize a first-place winner of the Society-level Technology Award competition for an outstanding application of innovative design and effective energy utilization. The recipient of the Award of Engineering Excellence will have demonstrated the best overall compliance with the judging criteria.

First place recipients of the Award of Engineering Excellence are:

- Lianne Cockerton, ing. and Martin Roy, ing., new institutional buildings category, Local 144, Point-aux-Trembles, Quebec, Canada. The building is owned by Association Unie Local 144.

The ASHRAE Technology Awards

The ASHRAE Technology Awards recognize outstanding achievements by ASHRAE members who have successfully applied innovative building designs. Their designs incorporate ASHRAE standards for effective energy management and indoor air quality and serve to communicate innovative systems design. Winning projects are selected from entries earning regional awards.

- Simon Kattoura, P.Eng., existing industrial facilities or processes category, Hood Packaging Corporation, Montreal, Quebec, Canada. The building is owned by Hood Packaging Corporation.
- Adrienne Mitani, P.Eng., residential facilities category, 70 Gloucester, Ottawa, Ontario, Canada. The building is owned by Claridge Homes.

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>

ASHRAE HVAC Design Training TORONTO



Level I & II Training Offered – Register for Both and Save

HVAC Design: Level I – Essentials

When: June 12 – 14, 2023 | Toronto, ON

Cost: \$1,429 (ASHRAE Member: \$1,143)

Company Discount: Enroll 3 or more participants from the same company at the same time and SAVE!

ASHRAE's HVAC Design: Level I – Essentials provides intensive, practical training for HVAC designers and others involved in the delivery of HVAC services. In three days, gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use.

- Fundamentals
- Heating/Cooling Load Calculation
- System Selections
- HVAC System and Components
- Cooling System
- Basic Design of Hydronic Systems
- Basic Design of Air Systems
- Control/BAS

HVAC Design: Level II – Applications

When: June 15 – 16, 2023 | Toronto, ON

Cost: \$983 (ASHRAE Member: \$786)

Company Discount: Enroll 3 or more participants from the same company at the same time and SAVE!

Register for BOTH training sessions to save money

and fast track your experience level!

ASHRAE's HVAC Design: Level II – Applications provides instruction on HVAC system designs for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. In two days, gain an in-depth look into Standards 55, 62.1, 90.1, 189.1 and the Advanced Energy Design Guides. Training will focus on a range of topics including: HVAC equipment and systems, energy modeling, designing a chiller plant, and BAS controls.

- Sustainability/Green/LEED/HPB/NZEB
- Standard 55
- Standard 62.1
- Building Systems: Education Facility
- System Applications: Chiller/Boiler, Air Handlers, VAV Terminals
- Life Cycle Cost
- Building Systems: Multi-story Office Building
- Water-to-Water GSHP Option 1 Chilled Beam with DOAS
- Water-to-Water GSHP Option 2 UFAD

Your Instructors



**Joel Primeau, P.Eng., HBDP,
Member ASHRAE, LEED® AP**
[>> View Bio](#)



**Julia Keen, Ph.D., P.E., HBDP, BEAP,
Fellow ASHRAE**
[>> View Bio](#)

**Company Discount: Enroll 3 or more participants from
the same company at the same time and SAVE!**