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ASHRAE LONDON CANADA CHAPTER #116

TOPIC:

2-Pipe HVAC – Myths Debunked

Presenter:

Thomas Durkin, P.E.

Tuesday, March 15, 2022

5:00-6:30 PM – Hosted virtually on

‘GoToMeeting’

Cost = \$30.00*

Registration link

<https://forms.gle/Rfbqzcr8xQibdBug9>

***One-time fee for full year of meetings – if you have registered for a previous meeting no action required!**

Hosted by ASHRAE London in joint online meeting with ASHRAE Windsor

SAVE THE DATE – ASHRAE London Golf Tournament – Monday September 26th

We have organized the date for this year’s annual golf tournament to be on Monday September 26/2022 where we will return to FireRock Golf Club after last years great success. We will of course monitor all covid regulations, but we are looking forward to possibly returning to a “normal” style tournament while adopting some of the items that made the 2021 tournament so enjoyable!

We are currently organizing the day and if any person or company is interested in helping with the day or sponsoring an activity or item, please reach out to any board member!



March Topic

2-Pipe HVAC – Myths Debunked

Tom Durkin is generally recognized as the inventor of the “modern 2-pipe system.” Beginning with the first modern 2-pipe at Green Valley Elementary School in 1993, Durkin approached the age-old 2-pipe problems with a combination of innovation and common sense. The results have been nothing short of spectacular, as 2-pipe systems have been resurrected from the scrap heap of history and restored as a legitimate option for the modern built environment.

March Presenter

Tom’s design work has won twelve (12) state, national and international awards, including two ASHRAE Technology Awards. He has written many articles for the ASHRAE Journal and other industry magazines, and his work has been featured in several others. Tom is a co- author of the HVAC Pump Handbook, the definitive text on all things hydronic. Tom is a graduate of Marquette University with a Bachelor of Mechanical Engineering, 1968.



Chapter President's Message

To ASHRAE London Chapter Members,

I am Kate Mayberry, your ASHRAE London Chapter President for 2021/2022. I am a Mechanical Engineer for Strik Baldinelli Moniz Ltd. located in London ON.

These past couple of years has been challenging for all of us and hope that you and your family are in good health and spirits. Thank you to everybody that attended our virtual meetings in 2020/2021! Similar to last year, our typical way of conducting ASHRAE business will be a bit different than previous years, and we will continue with Chapter meetings virtually on Go to Meeting until at least January but most likely will be all year. London and Windsor Chapters will alternate hosting meetings, combining members from both chapters. There are currently 7 meetings being planned for the 2021/2022 year. There will be a one-time fee of \$30 to attend any or all the virtual meetings this year and a sign up form will be sent out shortly. Again this year, we will be taking advantage of the virtual meetings and booking many ASHRAE Distinguished Lecturer speakers.

We have an enthusiastic board of governors/committee chairs with lots of ideas for the year and we always have space for members wanting to join.

If you have any questions, please reach out to the ASHRAE London Chapter Board of Governors. You can also contact me directly at:

Kate Mayberry
c116@ashrae.net

We are looking forward to a successful year!

From your ASHRAE London Chapter BOG

A Word About Meeting Costs...

As there are no chapter meals that help contribute to the chapter operation and offset some meeting expenses, the chapter still needs some funds due to ongoing expenses such as bank charges, ASHRAE Region 2 dues on behalf of chapter members, and to contribute to ASHRAE Research. The low-cost fee of \$30 will help the ASHRAE London Chapter and board members continue to provide services to the chapter members.

If there are any comments/concerns please reach out to any of the board members, we are happy to receive all feedback.

www.somersep.com

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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

Tuesday March 15 – Chapter Meeting

- Hosted by ASHRAE Windsor

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

<http://LondonCanada.AshraeChapters.org>

Society Upcoming Meeting **June 25-29 – ASHRAE Annual Conference**

- Hosted by ASHRAE Toronto
- For more information click [here](https://www.ashrae.org/conferences/2022-annual-conference-toronto):
<https://www.ashrae.org/conferences/2022-annual-conference-toronto>

Coronavirus COVID-19 Response Resources

ASHRAE has compiled a list of industry reviewed and recommended resources on COVID-19 guidelines and FAQ's. Please follow the below link to access to these resources:

www.ashrae.org/covid19



Guide to the COVID-19 Pages

Follow the links on the infographic

[LEARN MORE](#)



Core Recommendations

for Reducing Airborne Infectious Aerosol Exposure

[LEARN MORE](#)



Questions Answered

Frequently Asked Questions and Glossary of Terms

[FAQ / GLOSSARY](#)



One Page Guidance Documents

[VIEW GUIDANCE](#)

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Just \$100 for one year
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ASHRAE Wraps Up First Hybrid Winter Conference and a Successful AHR Expo in Las Vegas

ATLANTA (February 4, 2022) – More than 2,800 HVACR industry professionals, building systems engineers, architects, contractors and students, gathered in Las Vegas and virtually from January 29 – February 2 for the 2022 ASHRAE Winter Conference. Registered conference attendees were provided entry to the co-sponsored AHR Expo, held January 31 – February 2 at the Las Vegas Convention Center.

“This year’s conference and expo marked the first time that the Society has been together for our Winter Conference in two years and the return to the AHR Expo after last year’s cancellation,” said 2021-22 ASHRAE President Mick Schwedler, P.E., Fellow ASHRAE, LEED AP. “While the numbers are expectedly lower than past conferences, in-person attendance still exceeded our expectations and our virtual attendees added a welcomed dynamic to our sessions. We are grateful to everyone involved in establishing a comprehensive health and safety plan for our attendees, which included guidance provided by the ASHRAE Epidemic Task Force.”

ASHRAE remained committed to the health and safety of conference attendees . In addition to shipping all in-person attendees FDA approved rapid COVID-19 tests to administer prior to attending the conference, ASHRAE partnered with Vital Circle to provide access to medical assistance and testing for attendees while onsite. ASHRAE’s Commitment to Care details health and safety measures the Society implemented for attendees before, during and after the conference. The Commitment to Care document is available at ashrae.org/2022winter.

The 2022 ASHRAE Annual Conference will take place June 25 – June 29 in Toronto, Ontario, Canada. The 2023 Winter Conference will take place February 4-8, and the AHR Expo, February 6-8, in Atlanta.

<https://www.ashrae.org/about/news/2022/ashrae-wraps-up-first-hybrid-winter-conference-and-a-successful-ahr-expo-in-las-vegas>

YEA Inspirational Leader Award

Badri Patel, BEAP, received the YEA Inspirational Leader Award. The award recognizes a Young Engineer in ASHRAE (YEA) member who has gone above and beyond to make considerable contributions to the industry and community. Patel is commercial market account executive, Johnson Controls Canada, Toronto, Ontario, Canada.

ASHRAE LONDON– Call for Volunteers

There are many volunteering opportunities within the London ASHRAE Chapter! 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. We are currently looking for someone who would be interested in helping organize the 2022 golf tournament as well as people for chair positions. 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!

ASHRAE RESEARCH

Hello ASHRAE London Members,

My name is Raj Deenadayalan and I am your Chapter Research Promotion Chair for this year. Our Research Promotion goal for this year is \$12,500 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 Honour Roll Individual Donors:

Tom Pollard, Glenn Kernaghan, Jeff Armstrong, Rajarajan Deenadayalan, Richard Hammond, John Xiang, Ibrahim Semhat, Kathleen Mayberry, Christopher Zettler

Current Honour Roll Corporate Donors:

Current Corporate Major Donor Silver:

<u>Contribution Levels</u>	<u>Individual</u>	<u>Company</u>
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:

Rajarajan Deenadayalan

519-453-9100

rdeenath@drennan.on.ca



ASHRAE's Building EQ Portal provides a quick energy analysis that benchmarks a building's energy performance. Building EQ assists in the preparation of an ASHRAE Level 1 Energy Audit to identify means to improve a building's energy performance including low-cost, no-cost energy efficiency measures and an Indoor Environmental Quality survey with recorded measurements to provide additional information to assess a building's performance.

Two different evaluations can be used independently to compare a candidate building to other similar buildings in the same climate zone or together for an assessment of a building's design potential compared to actual operation:

- **In Operation** compares actual building energy use based on metered energy information.
- **As Designed** compares potential energy use based on the building's physical characteristics and systems with standardized energy use simulation.

Learn more on how to access the portal, initiate a project, and begin a submission:

<https://www.ashrae.org/technical-resources/building-eq/building-eq-portal>