



President's Message



Abhishek Khurana
President ASHRAE Toronto 2021-22

Hello, and welcome to the new ASHRAE Year 2021-22! First and foremost, I would like to thank our Past President – Brendan McDermott for leading the chapter amid the pandemic. Times were tough, but we adapted and came out stronger. We switched gears and moved to a virtual program and continued to deliver high-value content for our membership.

ASHRAE Toronto is a platform for HVAC professionals to connect with likeminded peers and grow together. We have also incorporated virtual networking at the beginning of all our technical webinars to help with this.

Our theme this year is growth, and we are growing in every aspect:

- We are enhancing the quality of events we deliver
- We are providing more value to our membership
- We are raising more money for ASHRAE Research in Canada
- We are increasing our volunteer base – which is one of the things that makes us so unique. We have such an amazing and diverse group of people from various backgrounds and experience levels, working collectively to advance the art and science of HVAC/R systems.

This year is our Chapter's 100th year Anniversary and I feel so grateful and lucky to have the opportunity to lead as President. We will also host the **ASHRAE Annual Conference in Toronto in June 2022**, so mark your calendars because we have already started planning! Thank you so much

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Executive Board Of Governors:

President
[Abhishek Khurana](#)

for being a part of ASHRAE Toronto and we hope to see you all in person very soon.

Best,
Abhishek Khurana

President, ASHRAE Toronto
CEO, Voyager Buildings

Golf and Cycling Day

ASHRAE Toronto Chapter held it's first **Golf and Cycling day** in two plus years on September 13th. The day was a huge success and fun was had by all. The cycling event was enjoyed by a record 17 attendees this year, and is proving to be a growing and popular part of the day. On the golf side of things, we had a full turnout for a modified 9-hole shotgun this year. And with lower numbers this year we managed to raise just over \$9000 for ASHRAE Research Canada.



Above: Registration for Golf and Cycling Day
Below: The Organizers, Glenn Kilmer and Sharon Godlewski.



Thank you to everyone who attended Golf & Cycling Day, our volunteers and most importantly our sponsors:

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GOVERNMENT OUTREACH

Government Activities Committee (GAC) Objectives (2021/2022)

- To advocate for the enforcement of CSA standards CSA-Z317.2 for clinics and long term care facilities, which are referenced in the OBC.
- To advocate for the adoption of ASHRAE Standard 188 into the OBC to align with Quebec and Vancouver legislation to address legionella.
- To advocate for the adoption of more provisions from ASHRAE Standard 189 into the OBC.
- To provide an overview of the ASHRAE task force for building decarbonization.
- To strengthen the collaboration between ASHRAE Toronto and relevant government ministries and/or departments (e.g. MMAH)

Marli Moise, GAC Chair 2021-2022

YOUNG ENGINEERS IN ASHRAE (YEA)

The **Young Engineers in ASHRAE (YEA) Committee's** primary mission is to bring value to the professionals who have begun their journey in the HVAC industry, and to help them develop and grow connections that will help them reach new heights. Although limited to students and professionals 35 and under, what we host is open to all. We work to provide not only **technical knowledge** that is of current interest to the next generation of professionals, but to also offer a **space to socialize and make new connections and building strong networks**. We want to give young engineers a platform to connect, resources and access to the society's expertise and influence, and recognition for their contributions to their respective communities. Volunteer and participate with us, start early in your journey to building a fulfilling career!

Kajen Singham, YEA Committee Chair, 2021-2022

MEMBERSHIP PROMOTION

In this year's **Membership Promotion Committee** Klodian Vocaj will be serving as the committee Chair. Azadeh Ghadimi will be serving as committee Vice Chair. Additionally, the committee will be operating with three additional subcommittees:

- The Membership Retention Committee will be chaired by Cameron Bellamy
- Membership Upgrades Committee will be chaired by Pedro Hoffmann
- Membership Diversity Committee will be chaired by Azadeh Ghadimi

In the coming year, we will embrace all the challenges that the continuing pandemic restrictions are bringing to our chapter, and we are motivated to help and support all our members in these unprecedented times.

Klodian Vocaj, Membership Promotion Committee Chair, 2021-2022

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Contact [Antonio Figueiredo](#) to post your business card here!

CHARITY EVENT



Volunteers from the ASHRAE Toronto Chapter participated in a "Trash Dash" on August 28th, 2021. The group took a ferry to Toronto Island where they listened to a talk about plastic pollution by an expert and got acquainted with either a kayak or stand up paddleboard. Accompanied Swim Drink Fish nonprofit instructors, the group paddled around Toronto Island picking up trash in the waterways. Various water birds looked on appreciatively. Afterwards the ASHRAE Toronto group enjoyed delicious food and drinks on the outdoor patio of The Riviera on Wards island. Thanks to Alekhya Kaianathbhatta, Beatriz Salazar, Badri Patel, and Mike Genin for organizing the event . If you wish to join a dynamic and awesome group join ASHRAE Toronto!

LAST WEEK TO REGISTER! - YEA HIKE & PUB NIGHT



October 23rd, 2021

ASHRAE Toronto YEA, Hike and Pub Night, Sponsored by DXS

Where: Rouge Park Valley & Lone Star Texas Grill, Pickering, ON

[Click HERE for more information and to register!](#)

NOTICE OF WEBINAR - NOVEMBER



November 1st, 2021

Event by ASHRAE Toronto and Sustainable Labs Canada

Airflow Management for Cleanroom Facilities

Speaker: **Kishor Khankari**, Ph.D., Fellow ASHRAE, President AnSight LLC

GBCI Approved | 1 CE Hours; AIA Approved | 1 LU/HSW

[Click HERE for more information and to register!](#)

NOTICE OF WEBINAR - DECEMBER



December 6th, 2021

Back to the Future: Our Industry in 2030

Speaker: **Tim Wentz**, P.E., Ph.D., 2016-17 ASHRAE President

Registration has not started. We will provide more information about this event later on the **[Toronto Chapter Events page](#)**.

If you have any questions or feedback, please contact ASHRAE Toronto CTTC (Chapter Technology Transfer Committee) Chair Badri Patel at badri.patel@mail.ashrae.org

PAST WEBINAR



Going Digital – Modeling Infrastructure Resilience for Sustainable Urban Development

Drury B. Crawley, PhD, FASHRAE, FIBPSA, AIA
Bentley Fellow/Director, Building Performance Research
Bentley Systems Inc.

4 October 2021

IBPSA Canada
The Canadian Chapter of the International Building Performance Simulation Association | Le Chapitre Canadien de l'Association Internationale de Simulation des Performances des Bâtiments

ASHRAE Toronto Chapter

The Toronto Chapter's October 4th webinar was organized by ASHRAE Toronto and IBPSA (International Building Performance Simulation Association) Canada and featured great cooperation between both the organizations. The topic was **“Going Digital – Modeling Infrastructure Resilience for Sustainable Urban Development”** The speaker was **Drury B. Crawley**, Ph.D. Director, Building Industry Development, Bentley Fellow, Bentley Systems, Inc.

Mr. Crawley demonstrated it is now possible to quickly model a city using 3D technologies such as photogrammetry, LiDAR, and BIM. By federating the data from these sources, it is possible to evaluate the resilience of a city under different planning and disaster scenarios. Models of several cities around the world were shown. During this very insightful session attendees learned about Digital Twin, Thermography and Photogrammetry.

Event attendees qualify for GBCI approved 1 CE and AIA approved 1 LU/HSW.

UPCOMING LEARNING OPPORTUNITY

ASHRAE Toronto Chapter will be organizing this course shortly. Look out for the invite soon.

Fundamental Requirements of ASHRAE Standard 62.1-2016

Course Length: 3 hours

This introductory course focuses on the basic requirements of *ASHRAE Standard 62.1-2016, Ventilation for Acceptable Indoor Air Quality*. The course covers the scope, application and multiple compliance paths available in the standard including the ventilation rate procedure, indoor air quality procedure, and natural ventilation procedure. Many of the standard's general requirements apply regardless of the procedure used. The different application conditions for the ventilation rate procedure are also described. In the 2016 version, changes were made affecting residential scope, demand control ventilation, IAQ procedure, and some ventilation rates. This ALI course/seminar may be a suitable resource to help prepare for a Certification exam or earn PDHs for recertification

If you have any questions or feedback, please contact ASHRAE Toronto CTTC (Chapter Technology Transfer Committee) Chair Badri Patel at badri.patel@mail.ashrae.org

NEWSLETTER VOLUNTEERS NEEDED

Do you have skills in any of the following areas? Join the Toronto Chapter Monthly Newsletter Team!

- Newsletter layout
- Graphic design, art, cartoons
- Member engagement
- Editing

If interested, contact Anne-Marie Bundgard, a.bundgard@gmail.com

SOCIAL MEDIA

Get your ASHRAE Toronto news and more, instantly on social media!



Join the conversation on Twitter, Facebook, Instagram, LinkedIn or Youtube!

We want to hear from all members of the industry and are excited to share HVAC/building system news and current chapter events.

Have some thoughts on social media content? Email: [Eshan Patil](mailto:Eshan.Patil@ashrae.org)

ASHRAE Toronto Chapter

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