

Main Meeting: Building Electrification 101: Impacts on HVAC Systems

www.ashrae-balto.org

ASHRAE Baltimore November 4th Meeting:

Networking Hour: <i>Food & Drink Served, Brewery Tours Available</i>	5:00 pm – 6:00 pm
Main Presentation: <i>In-Person and Streamed Online</i>	6:00 pm – 7:00 pm
Networking Hour 2:	7:00 pm – 8:00 pm

Main Presentation (*In-Person and Streamed Online!*) Building Electrification 101: Impact on HVAC Systems

This presentation will review the shifting market for furnaces and heat pumps, give an overview of building electrification and the impacts of electrification on HVAC systems and products, and discuss the future of HVAC as it relates to building decarbonization policies.



Speaker: Mark Lessans

Mark Lessans is Director of Regulatory and Environmental Affairs at Johnson Controls, where he helps lead the company's sustainability strategy. In this role, Mark manages JCI's response to critical market and regulatory trends impacting building decarbonization, energy performance and optimization, and more. Previously Mark has held roles working in energy efficiency policy at Trane Technologies, the U.S. Department of Energy, and the Alliance to Save Energy

**The November meeting will take place at Union Craft Brewing
1700 West 41st Street Baltimore, MD 21211**

In alignment with the "Green Trends" of ASHRAE, we have eliminated the paper copies of the Membership Roster. An electronic copy is available, upon request.

2021-2022 Chapter Leadership Roster

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Committee Chairs

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President's Pen

Happy Halloweekend, Baltimore Chapter! As we approach the start of the holiday season, I'd like to highlight the return of our own storied holiday tradition, the 71st Annual ASHRAE Christmas Party! Our intrepid volunteers, John Prusak and Sharon Robertson, are doing an outstanding job to bring this event together. We hope you and your coworkers will be able to join us in celebrating this tradition and even enjoying a few improvements. Of course, we will be monitoring the public health situation and complying with Baltimore County guidance, so please keep doing your part in keeping our community healthy this fall! This event is our largest fundraiser of the year and allows the Baltimore Chapter to be a perennial top supporter of ASHRAE Research in Region III. Speaking of research, our November meeting will feature Research Promotion (RP) night. We look forward to recognizing the generosity of our Chapter's RP supporters from this past year. The projects supported by your contributions help establish the knowledge we need to succeed in our work. A list of past and current research projects can be viewed on the [ASHRAE Research](#) webpage. The resulting papers are presented at the ASHRAE conferences and make frequent appearances in the ASHRAE Handbook chapter bibliographies. Region III of ASHRAE is home to many of these research projects, so your RP dollars do come back to benefit the region in many ways! Please consider including ASHRAE RP in your giving this year. On a heavier note, our board was saddened to hear of the passing of Richard Mueller, former president of ASHRAE Baltimore (1979-80). An in memoriam is posted [here](#). Our last meeting marked our return to the Engineer's Club, with great attendance in person and online. We were also honored to have Maryland Delegate Dana Stein and legislative director Margaret Brassil join us. Delegate Stein's committee is currently working on the Maryland Climate Solutions Now Act, legislation that will help guide the future of Maryland's buildings. Our meeting topic, Impacts of Climate Change on Future Building Performance, was particularly relevant to that effort, and Dr. Crawley made an excellent demonstration of the expertise that ASHRAE can offer. We look forward to continuing our outreach to help inform this legislative effort.

Building on last month's topic, we will *charge* ahead this month with Building Electrification 101: Impacts on HVAC Systems. We will have a great presentation and ample networking in the Union Craft Brewing space, so I hope to see you there!



Sam Philipp
ASHRAE Baltimore Chapter President, 2021-2022



Meeting Schedule

Please mark your calendar with the following dates for the 2021 through 2022 Baltimore Chapter meetings. A complete schedule indicating seminar, technical session and main meeting topics will be published in the coming month's Thermogram and is also available on the chapter website, www.ashrae-balto.org.

August 12, 13, & 14, 2021	Chapters Regional Conference	State College, PA
Thursday, September 2, 2021	12:00PM—Main Meeting: Chilled Water Piping Design 05:30PM—Summer Social at Tiki Lee's Dock Bar	Virtual—Go To Meeting Sparrows Point, MD
Monday, September 27, 2021	9th Annual Rockfish Tournament	Happy Harbor Marina
Thursday, October 7, 2021	Main Meeting: Impacts of Climate Change and Urbanization on Future Building Performance Tech Session: Bipolar Ionization	ESB
Thursday, November 4, 2021	Main Meeting: Building Electrification 101: Impacts on HVAC Systems	Union Craft Brewing
<i>Research Promotion Night</i> Friday, December 3, 2021	71st Annual Christmas Party	Timonium Fairgrounds, 4H Building
Thursday, January 6, 2022	Main Meeting: TBD Tech Session: TBD	ESB
Thursday, February 3, 2022	Refrigeration Tour	TBD
Thursday, March 3, 2022	Main Meeting: TBD Tech Session: TBD	ESB
Thursday, April 7, 2022 <i>Former Presidents' Night</i> <i>Research Promotion</i>	Main Meeting: TBD Tech Session: TBD	ESB
Thursday, May 5, 2022 <i>Student Night</i>	Main Meeting: TBD Tech Session: TBD	ESB
TBD	10th Annual RP Fishing Tournament	TBD
Friday, June 3, 2022	64th Annual Golf Outing	Turf Valley Country Club, Ellicott City, MD

5:00 pm: Networking hour, tours available, food served

6:00 - 7:00 pm: Main Presentation

Cost: \$35 dinner fee for ASHRAE Members, \$10 for students
\$10 for Virtual-Only Attendance

ASHRAE CHRISTMAS PARTY!



THE 71st ANNUAL ASHRAE CHRISTMAS PARTY

Tickets are first come, first serve!

**Tickets are \$55.00 per person /
Table of 10 \$550**

**Credit card or check payments
are accepted. Please purchase
tickets online [here!](#)**

**For check payments, please
choose "Bypass Payment" on the
website and send checks to:**

**Whitman, Requardt & Associates, LLP
Attn: Terry Schroeder
801 S Caroline Street
Baltimore, MD 21231**

Event Details:

- **Date: December 3, 2021**
- **Event Time: 5:00 P.M. until 9:00 P.M**
- **Place: 4H Building, Timonium Fairground, Maryland**



The ASHRAE Baltimore Chapter is pleased to continue our local representative directory, BALMER, which is similar to the old MEMRA directory!

Baltimore Area List of Mechanical Equipment Representatives

In a world that is becoming ever more virtual and remote, the ASHRAE Baltimore Chapter has put together a resource for our members to identify and connect with local representatives. All HVAC & plumbing related businesses are welcome to be listed in the new directory, which will be posted on the Chapter's website for use by local engineers, contractors, and owners.

Additional Information:

1. In order to have your company represented in the BALMER directory, send an email to ashtech@ashrae-balto.org with the subject "BALMER Directory." We will then gather the required information for the directory (Company Name, Company Website, Representative Contact Information, Manufacturer Product Type, etc).
2. The cost per firm to be listed in the BALMER directory will be \$250 / year. Payments can be made via check to "ASHRAE Baltimore Chapter" or via credit card (applicable fees will apply).

THANK YOU TO OUR 2021-2022 ASHRAE BALTIMORE MEETING SPONSORS!

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BAUMGARTNER, INC.

TO: BALTIMORE CHAPTER, ASHRAE
EMAIL: reservations@ashrae-balto.org



YES! I will attend the Baltimore Chapter Meeting on Thursday, November 4th.

Reservations: We are encouraging members to make reservations on our website, www.ashrae-balto.org.

If you are planning to attend, please RSVP to the website or write to reservations@ashrae-balto.org indicating name(s) and membership status (member or guest) Please be sure to also include "ASHRAE Meeting" in the subject matter line.

Deadline for (in person) reservations and cancellations: Tuesday, November 2nd - NOON
Reservations made after the deadline will be placed on a waiting list.