

Main Meeting: Hot Water Solutions- Heat Pump/Heat Recovery Chillers

Lunchtime Virtual Meeting with Summer Social to Follow!

www.ashrae-balto.org

ASHRAE Baltimore September 8th Meeting:

Introduction and Chapter News:

12:00 pm – 12:15 pm

Main Presentation:

12:15 pm – 1:30 pm

Main Presentation (Via GoToMeeting)

Hot Water Solutions-Heat Pump/Heat Recovery Chillers

With building decarbonization becoming a hot topic, heat pump and heat recovery chillers can be a great solution to add into your next building design. This presentation will review heat pump and heat recovery chiller topics including sizing, control strategies, applications and benefits.

Speaker

Fred Berry

East Region Chiller Product Manager for Johnson Controls

Fred is a graduate of the US Naval Academy and the US Navy Nuclear Power Program, and served aboard fast attack submarines before starting with Johnson Controls in 1986.



Fred began his career as the Product Manager for Large Tonnage Chiller and Electronic Products. In these roles, Fred was responsible for the development of the state of the art chiller control panel and the unit mounted variable speed drive for centrifugal chillers as well as product development and applications requirements for York chiller products. He is currently the East Region Chiller Product Manager for Johnson Controls. Fred is an expert on all types of chillers and chilled water systems with his many years of chiller experience.

Summer Social (in person!): 5:30 pm – 7:30 pm
At Tiki Lee's Dock Bar—Sparrows Point, MD

Dress: Casual, **Hawaiian shirts encouraged!**

Details: \$45 for Non-Members, \$35 for Members
Includes drinks and appetizers, as well as registration for our same day lunchtime virtual PDH presentation. Limited capacity available, get your tickets now!

Date: September 8th, 2022

Time: 5:30 - 7:30 pm

Location: Tiki Lee's Dock Bar
4309 Shore Rd, Sparrows Point, MD 21219

The September main meeting will be virtual via GoToMeeting.
The Summer Social portion will be in person!

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.

2022-2023 Chapter Leadership Roster

Board of Governors

President P:410.746.4168	Nancy Neely president@ashrae-balto.org Johnson Controls, Inc.
President-Elect P:443.224.1594	Theresa Schroeder treasurer@ashrae-balto.org Whitman Requardt
Treasurer P:410.561.1655	Kevin Lindemann asstsecretary@ashrae-balto.org Chesapeake Systems
Secretary P:443.789.0188	Kaylee Haupt gov2@ashrae-balto.org BCPS
Governor/Asst. Secretary P:410.316.2263	Simona Georgiev asstsecretary@ashrae-balto.org JMT
Governor P:	Open gov2@ashrae-balto.org
Governor/Senior Advisor P:240.542.5523	Brad Watkins senioradvisor@ashrae-balt.org Cummins-Wagner
Governor/Past-President P:410.316.2485	Sam Philipp pastpresident@ashrae-balto.org JMT

Committee Chairs

Attendance/Recpt. P:410.864.1046	Luis Belisario reservations@ashrae-balto.org Whitman Requardt
Attendance/Recpt. P:410.320.5554	Elyas Khan reservations@ashrae-balto.org Johnson Controls, Inc.
Christmas Party P:410.527.2612	Wade Myers Christmas@ashrae-balto.org JMT
Chapter Programs P:443.224.1594	Theresa Schroeder programs@ashrae-balto.org Whitman Requardt
CTA (Tech Awards) P:443.224.1594	Theresa Schroeder cta@ashrae-balto.org Whitman Requardt
CTTC (Programs) P:443.224.1594	Theresa Schroeder cttc@ashrae-balto.org Whitman Requardt
Engineers Week P:410.312.4761	Robert Broczkowski engweek@ashrae-balto.org ETC
Government Affairs P:301.204.5358	Tyler Brown gga@ashrae-balto.org ATS
Golf Outing P:443.561.1650	Tyler Lee golf@ashrae-balto.org Chesapeake Systems
Historian P:443.467.5537	Hailey Brennan historian@ashrae-balto.org Spectrum Energy
Historian P:443.695.5759	Jennifer Leach historian@ashrae-balto.org BR+A
Membership P:443.878.8319	Rich Girard membership@ashrae-balto.org RMF
Membership P:717.578.7014	Ben Joel membership@ashrae-balto.org WSP
Refrigeration P:410-403-2200	Jon Olmstead refrigeration@ashrae-balto.org Trane
Research Promotion P:410.579.8100	Michael Poe research@ashrae-balto.org WSP
Research Promotion P:410.790.7182	Joe Petty research@ashrae-balto.org ATS
Scholarship P:410.312.4761	Robert Broczkowski scholarship@ashrae-balto.org ETC
Student Activities P:443.561.1652	Nick Spicher studentacts@ashrae-balto.org Chesapeake Systems
Thermogram P:410.381.7655	Kelly Brennan newsletter@ashrae-balto.org Schneider Electric
Young Engineers P:443.463.3010	Matt Francis yea@ashrae-balto.org ATS
Young Engineers P:410.247.7901	Matt Hart yea@ashrae-balto.org ATS
Web Technician P:443.686.2036	Vikas Kirin ashtech@ashrae-balto.org Prime AE
Diversity in ASHRAE P:240.302.6188	Panda Aumpansub wie@ashrae-balto.org Pandagy
Diversity in ASHRAE P:443.839.2590	Patrick Harrilal wie@ashrae-balto.org JMT

President's Pen

Welcome to another year of ASHRAE! I hope everyone has had a wonderful summer and is as excited as I am to start another year of Baltimore ASHRAE meetings! We'll be kicking off this year's meetings with a virtual PDH presentation over lunch on September 8th with a social networking event to follow at Tiki Lee's in the evening. Hawaiian shirts are highly encouraged for the event for those of us who aren't quite ready to say goodbye to summer!

2022 (and the past 2.5 years) have certainly been full of uncertainty and major changes to the way we work, collaborate, and spend our time both professionally and personally. That being said, we are planning to implement some changes this year that we hope will bring value to our membership by providing additional flexibility and options on how you as members participate in ASHRAE. Moving forward, we will be having a virtual presentation option for every meeting as well as an in-person event (barring any changes in CDC guidance). We hope this allows those members who would prefer to remain virtual to still enjoy the benefits of ASHRAE. We have a geographically diverse membership, so we will be alternating between off-site meetings and meetings held at the Engineer's Club in the hopes that this allows folks from all across our chapter to be able to attend meetings more easily. For meetings held at the Engineer's Club, we've listened to feedback and will be moving all technical sessions to a virtual format and extending the networking hour to give people more time to get downtown and find a parking spot prior to the main speaker presentation and dinner. We sincerely hope these changes make things more convenient for our membership and I highly encourage anyone to reach out to me directly if you have additional feedback or thoughts on how we can keep improving for our members!

I'd like to give a huge thanks to Sam Philipp for leading us through a challenging year last year as chapter President. We've had a succession of incredible ASHRAE leaders, and it is my goal to continue the legacy of leadership that our chapter has come to expect.

There are so many things to look forward to this year as we embrace the "new normal." My goals for this year are to grow our chapter, provide as much value as possible to our membership, and have a lot of fun along the way! I'm looking forward to seeing everyone on September 8th.



Nancy Neely
ASHRAE Baltimore Chapter President, 2022-2023



Meeting Schedule

Please mark your calendar with the following dates for the 2022 through 2023 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.

Thursday, September 8, 2022	12:00PM—Main Meeting: 05:30PM—Summer Social at Tiki Lee's Dock Bar	Virtual—Go To Meeting Sparrows Point MD
Thursday, October 6, 2022 <i>Research Promotion Night</i>	Main Meeting: TBD Tech Session: TBD	ESB
Thursday, November 3, 2022 <i>Membership Promotion Night</i>	Main Meeting: TBD Tech Session: TBD	TBD
Friday, December 2, 2022	72nd Annual Christmas Party	Timonium Fairgrounds, 4H Building
Thursday, January 5, 2023	Main Meeting: TBD Tech Session: TBD	ESB
Thursday, February 2, 2023	Refrigeration Tour	TBD
Thursday, March 2, 2023	Main Meeting: TBD Tech Session: TBD	TBD
Thursday, April 6, 2023 <i>Former Presidents' Night</i> <i>Research Promotion</i>	Main Meeting: TBD Tech Session: TBD	ESB
Thursday, May 4, 2023 <i>Student Night</i>	Main Meeting: TBD Tech Session: TBD	TBD
TBD-May	11th Annual RP Fishing Tournament	TBD
TBD-June	65th Annual Golf Outing	TBD

Sponsors Wanted!

Baltimore ASHRAE Chapter Meeting Sponsorship Levels 2022-2023

*Help support ASHRAE Baltimore Chapter's mission to deliver high quality programming to its members!
Sponsorships are available at three levels this year.*

Raven Sponsor - \$1,500

- Recognition on Chapter Website (Name and Logo)
- Recognition on Sponsorship Banner at all Chapter Meetings (Name and Logo)
- Recognition on Networking Hour Table Signage at Chapter Meetings (Name and Logo)
- (2) Complementary Reservations at each monthly meeting

Oriole Sponsor - \$1000

- Recognition on Chapter Website (Name and Logo)
- Recognition on Sponsorship Banner at all Chapter Meetings (Name and Logo)
- (1) Complementary Reservation at each monthly meeting

Blast Sponsor - \$500

- Recognition on Chapter Website (Name and Logo)
- Recognition on Sponsorship Banner at all Chapter Meetings (Name and Logo)

Notes:

- Sponsorship period is September 1st 2022 through August 31st 2024
- To use the complementary reservations, advance registration is still required for each meeting.
- If you are interested in sponsoring our chapter meetings this year, then please contact the Vice President and Programs Chair, Terry Schroder, at vp@ashrae-balto.org.

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



YES! I will attend the Baltimore Chapter Meeting on Thursday, September 8th.

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

Reservations for the full meeting include the 12:00PM main presentation via GoToMeeting and the 5:30 PM Summer Social in person at Tiki Lee's.

Reservations for the virtual/main presentation only are available for \$10.

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 reservations and cancellations: September 2nd - NOON reservations required to guarantee in-person accommodations.