



SEPTEMBER- VOLUME LVII ISSUE 01

# THERMOGRAM

**MAIN MEETING: NETWORKING AT TIKI LEE'S**  
**VIRTUAL TECH SESSION: HYDRONIC BALANCING**

## ASHRAE Meeting Details:

**Thursday, September 5, 2024**

**Virtual Tech Session: 12:00 - 1:30 pm**

**Wednesday, September 11, 2024**

**End-of-Summer Social: 5:30 - 7:30 pm**

## **Topic: Hydronic Balancing**

A session on why hydronic balancing is important, with an overview of balancing methods and how they relate to both the TAB process as well as operating efficiencies. Being mindful of how balancing directly impacts start up, long term pump/unitary performance, and occupant comfort is crucial to total system success.

**Presenter: Kirk Phipps, Hays Fluid Controls**

**Main Meeting: 🌴 End of Summer Social at Tiki Lee's Dock Bar 🌴**

4309 Shore Road, Sparrows Point, MD 21219

Join us for an end-of-summer social to kick off a new ASHRAE season!

Dress is casual - Hawaiian shirts are encouraged!

\$35 for members, \$45 for non-members, includes virtual tech session.

Price includes drinks and appetizers.

Registration for virtual tech session only is free for members, \$10 for non-members.



## 2023-2024 Chapter Leadership Roster

### Board of Governors

	President	president@ashrae-balto.org, P: 410.790.7854		Governor/Asst. Secretary	asstsecretary@ashrae-balto.org, P: 410.807.8279
	Kevin Lindemann	Chesapeake Systems		Luis Belisario	Prime AE
	President-Elect	vp@ashrae-balto.org, P: 443.789.0188		Governor	gov2@ashrae-balto.org, P: 410.302.1280
	Kaylee Haupt	CCBC		Mike Poe	Legacy Engineering
	Treasurer	treasurer@ashrae-balto.org, P: 410.316.2263		Senior Advisor	senioradvisor@ashrae-balt.org, P: 301-440-2218
	Simona Georgiev	JMT		Tyler Lee	Chesapeake Systems
	Secretary	secretary@ashrae-balto.org, P: 571.318.7310		Past President	pastpresident@ashrae-balto.org, P: 443.224.1594
	Rob Broczkowski	ETC		Terry Schroeder	WRA

### Committee Chairs

Attendance/Recpt. Co-Chair: Vikas Kiran, PrimeAE reservations@ashrae-balto.org	Government Affairs: Tyler Brown, ATS gga@ashrae-balto.org	Research Promotion Co-Chair: Joe Petty, ATS research@ashrae-balto.org
Attendance/Recpt. Co-Chair: Tim Scheck, C-W reservations@ashrae-balto.org	Golf Outing: Tyler Lee, Chesapeake Systems golf@ashrae-balto.org	Scholarships: Hailey Brennan, Spectrum Energy scholarship@ashrae-balto.org
Christmas Party: Wade Myers, JMT christmas@ashrae-balto.org	Historian: Jennifer Leach, BR+A historian@ashrae-balto.org	Student Activities: Abe Undieh, Chesapeake Systems studentacts@ashrae-balto.org
Chapter Programs: Kaylee Haupt, CCBC programs@ashrae-balto.org	Historian Co-Chair: Kevin Lindemann Chesapeake Systems historian@ashrae-balto.org	Thermogram: Kevin Lindemann Chesapeake Systems newsletter@ashrae-balto.org
CTA (Tech Awards): Kaylee Haupt, CCBC cta@ashrae-balto.org	Membership: Ben Joel, WSP membership@ashrae-balto.org	Young Engineers: Co-Chair: Nancy Neely, JCI yea@ashrae-balto.org
Diversity in ASHRAE Co-Chair: Patrick Harrilal, JMT dia@ashrae-balto.org	Membership Co-Chair: TBD membership@ashrae-balto.org	Young Engineers Co-Chair: Elyas Khan, JCI yea@ashrae-balto.org
DIA Co-Chair: Ashleigh Newman, The Morin Company dia@ashrae-balto.org	Refrigeration: Jon Olmstead, Hobbs & Associates refrigeration@ashrae-balto.org	Web Technicians: Kevin Lindemann Chesapeake Systems ashtech@ashrae-balto.org
Engineers Week: Nick Spicher, Chesapeake Systems engweek@ashrae-balto.org	Research Promotion Co-Chair: Dave Handzo, UEP research@ashrae-balto.org	Women in ASHRAE: Nicole Harshbarger, Schneider Electric wia@ashrae-balto.org

# PRESIDENT'S PEN

Welcome to another year of ASHRAE! I hope everyone has had a wonderful summer and is excited to start another year of meetings. Please pay attention to our September meeting dates, as the Ravens Thursday schedule and Industry Night on the Terrace has pushed us off our typical 'first Thursday' schedule.

Our schedule kicks off on Thursday September 5th with a virtual PDH presentation reviewing the importance and implementation of hydronic balancing. Our annual end-of-summer social will take place the following Wednesday, September 11th at Tiki Lee's Dock Bar. We look forward to seeing everyone in their best Hawaiian shirts!

With the ASHRAE calendar ramping up, we are still in need of volunteers! Open positions include Membership Promotion and Research Promotion Co-Chairs, as well as Historian and Webmaster. If you or someone you know is interested in getting more involved in ASHRAE, please reach out!

In addition to our regularly scheduled meetings, we also have our annual Fishing Tournament and Christmas Party to look forward to this fall. I look forward to seeing many of you at these events!

A handwritten signature in blue ink, appearing to read "Kevin Lindemann", with a long, sweeping underline.

Kevin Lindemann  
ASHRAE Baltimore President

# MEETING SCHEDULE

September 5th, 2024 September 11, 2024	Tech: Hydronic Balancing Main: Tiki Lee's Social
October 3, 2024 @ESB	Tech: TBD Main: Dynamic VAV Optimization
November 14, 2024 @Union Draft Brewing	Tech: TBD Main: Humidification and ASHRAE Standard 170
December 6, 2024 @Timonium Fairgrounds	74rd Annual Christmas Party!
January 2, 2025 @ESB	Tech: TBD Main: Ethics
TBD	Tech: TBD Main: Refrigeration Tour, TBD
March 6, 2025 @ESB	Tech: TBD Main: TBD
April 3, 2025 @ESB	Tech: Motor Efficiency Standards Main: TBD
May 1, 2025 @ESB	Tech: TBD Main: TBD

# SPONSORSHIP OPPORTUNITIES

**Help support ASHRAE Baltimore Chapter's mission to deliver high quality programming to its members!**

## **Raven Sponsor - \$1,500**

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

## **Oriole Sponsor - \$1000**

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

## **Blast Sponsor - \$500**

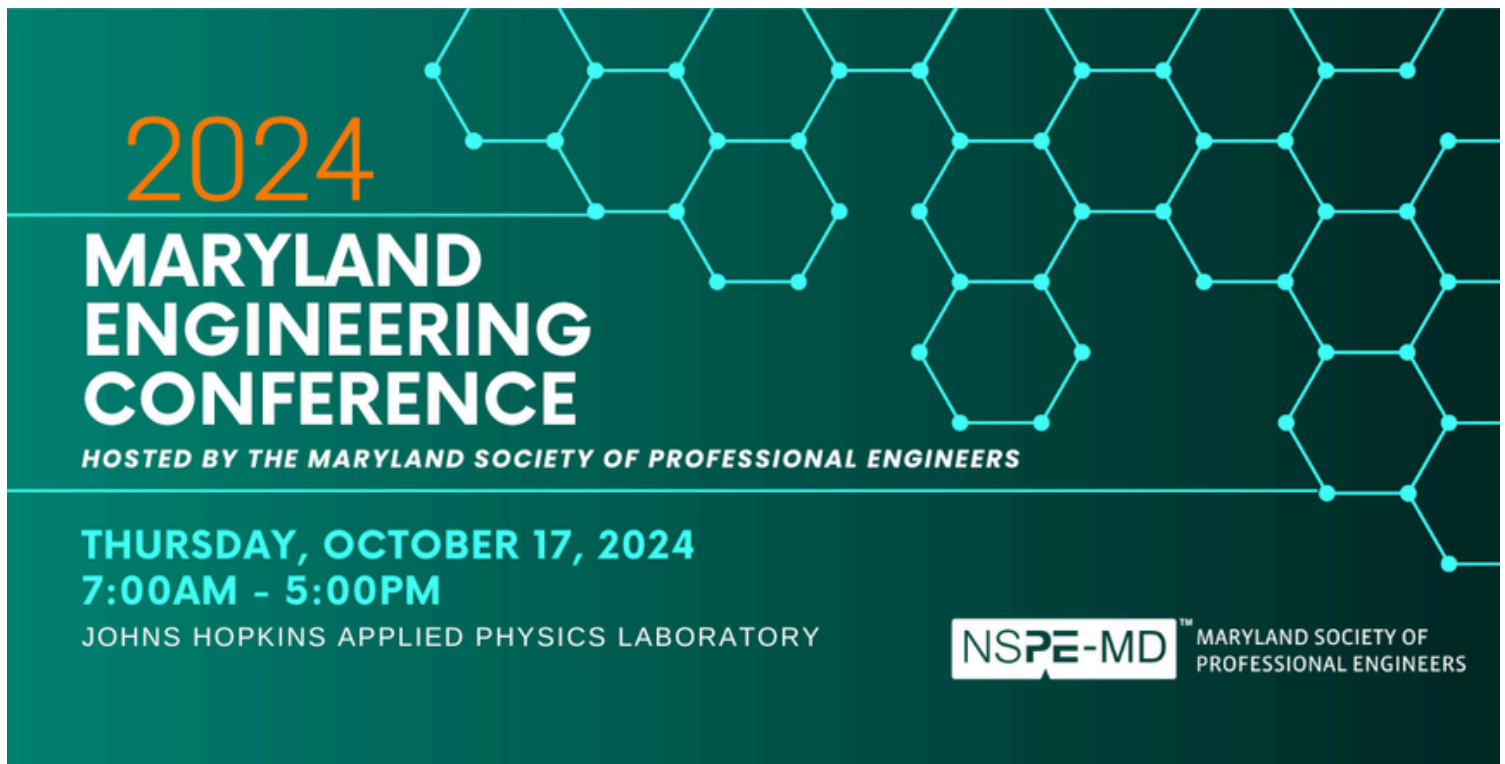
- Recognition on Chapter Website
- Recognition on Sponsorship Banner at all Chapter Meetings

### Notes:

- Sponsorship period is September 1st 2024 through August 31st 2025
- To use the complementary reservations, advance registration is required for each meeting.
- If you are interested in sponsoring our chapter meetings this year, then please contact the Vice President and Programs Chair, Kaylee Haupt, at [vp@ashrae-balto.org](mailto:vp@ashrae-balto.org).

# UPCOMING EVENTS

MDSPE is offering \$100 off the non-member price for all ASHRAE members. Register [here](#). Use code 'ASHRAE\_MDConference24' for your discount!



**2024**  
**MARYLAND ENGINEERING CONFERENCE**  
HOSTED BY THE MARYLAND SOCIETY OF PROFESSIONAL ENGINEERS

**THURSDAY, OCTOBER 17, 2024**  
**7:00AM - 5:00PM**  
JOHNS HOPKINS APPLIED PHYSICS LABORATORY

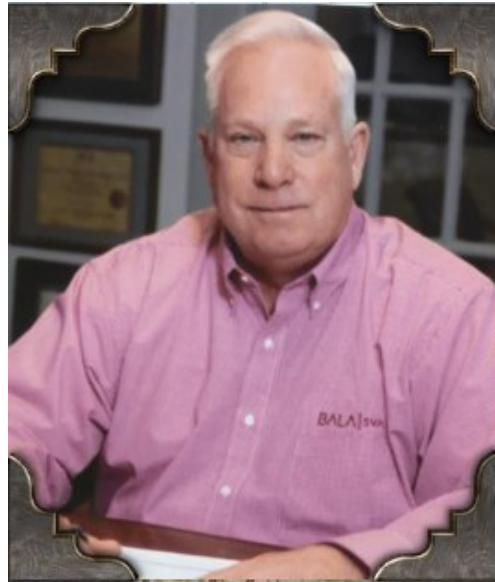
**NSPE-MD**™ MARYLAND SOCIETY OF PROFESSIONAL ENGINEERS

The Maryland Society of Professional Engineers (MDSPE) is excited to host the 2024 Maryland Engineering Conference. This full-day event, taking place on October 17, 2024 at Johns Hopkins Applied Physics Laboratory, offers up to 8 continuing education credits for professional engineers.

## Topics will include:

- Maryland Building Energy Performance Standards (BEPS) Panel
- AI and Engineering
- Engineering Ethics
- Demystifying the Claims Process
- Retail Electric Interconnections
- Anne Arundel County Water Service Inventory Program
- Advances in Building Fire Protection Systems

# REMEMBRANCE



We'd like to remember Bruce T. Votta, who passed away on August 19th. Bruce was a fixture in the local HVAC industry and was President of the Baltimore Chapter from 1992-1993. Bruce was born in Baltimore, MD and graduated from Mergenthaler High School. Bruce was an entrepreneur and business owner of a successful MEP firm, Spears-Votta Associates Inc., for over 40 years. Outside of work, Bruce devoted his time to various philanthropic organizations, such as Mercy High School, Engineers Club, CCBC, ASHRAE, Building Congress and Exchange and many more.