



Baltimore
Chapter

OCTOBER - VOLUME LVIII ISSUE 02

THERMOGRAM

MAIN MEETING: ELECTRIFICATION INCENTIVES
VIRTUAL TECH SESSION: AIRFLOW MANAGEMENT

Thursday, October 2, 2025

Virtual Lunch Meeting:

Tech Session (Webex): 12:00-1:30 PM

Main Dinner Meeting:

Networking Hour (ESB): 5:00-6:30 PM

Dinner (ESB): 6:30-7:00 PM

Main Speaker: 7:00-8:15 PM

Tech Session: Airflow Management Best Practices for Data Centers

Speaker: Dr. Kishor Khankari, Ph.D.

Airflow management within data centers is crucial for proper cooling and energy efficiency of data centers. Proper selection as well as proper placement of various data center equipment such as CRACs, perforated tiles, and racks play an important role in airflow distribution and cooling performance of data centers. This presentation will focus on basics of data center cooling and principles of air movement in data centers with a wide variety of examples involving raised floor and flat floor data rooms, air leakages through server cabinets and containment systems, and role of rack thermal mass during power shutdown. This presentation will also discuss plume dispersion in the equipment yard around the data centers and optimum placement of air-cooled chillers.

Main meeting: Electrification Incentives: Navigating Opportunities & Challenges

Speaker: Daniel Walfield

As the push toward electrification accelerates, understanding the landscape of incentives and implementation strategies is critical for industry professionals. Our presentation will explore what types of electrification projects qualify for incentives, highlight key differences between utility programs, and introduce energy modeling fundamentals, including how to establish effective baselines. Attendees will gain practical guidance on how to approach electrification projects—from initial concept through final implementation, and learn about how current incentive structures work, including their limitations and evolving trends. Whether you're just starting or managing multiple projects, this session will equip you with the insights needed to maximize impact and value.

2025-2026 Chapter Leadership Roster

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	Luis Belisario	Prime AE		Kevin Lindemann	Chesapeake Systems

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: Kevin Ricart, SmithGroup research@ashrae-balto.org
Attendance/Recpt. Co-Chair: Eric Almon, DMR 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: Abe Undieh Chesapeake Systems historian@ashrae-balto.org	Student Activities: Abe Undieh Chesapeake Systems studentacts@ashrae-balto.org
Chapter Programs: Simona Georgiev, JMT programs@ashrae-balto.org	Historian Co-Chair: TBD historian@ashrae-balto.org	Thermogram: Kaylee Haupt, Carroll County Chesapeake Systems newsletter@ashrae-balto.org
CTA (Tech Awards): Simona Georgiev, JMT cta@ashrae-balto.org	Membership: Ben Joel, WSP membership@ashrae-balto.org	Young Engineers Chair: Nancy Neely, JCI yea@ashrae-balto.org
Diversity in ASHRAE Co-Chair: Jenn Leach, BR+A dia@ashrae-balto.org	Membership Co-Chair: Elyas Khan, JCI membership@ashrae-balto.org	Young Engineers Co-Chair: Elyas Khan, JCI yea@ashrae-balto.org
DIA Co-Chair: Terry Schroeder, WRA dia@ashrae-balto.org	Refrigeration: Jon Olmstead, Hobbs & Associates refrigeration@ashrae-balto.org	Webmaster: Julian Chiveral, CMTA ashtech@ashrae-balto.org
Engineers Week: TBD engweek@ashrae-balto.org	Research Promotion Co-Chair: Dave Handzo, UEP research@ashrae-balto.org	Women in ASHRAE: Natasha Murray, WSP wia@ashrae-balto.org

PRESIDENT'S PEN

What a great way to start the year! Thanks to everyone that joined us at Tiki Lee's in September as we celebrated the end of summer in style. It is great to see more and more Hawaiian shirts each year! With summer officially in the rear-view, we welcome fall and all that comes with it.

We return to The Engineer's Club for our next meeting on Thursday, October 2nd.

At the society level, the ASHRAE President, M. Dennis Knight, P.E., CDP, Fellow ASHRAE, LEED AP, recently shared his theme, "Empowering Our Workforce: Building a Sustainable Future". The number of HVAC systems in operation is expected to triple over the next 30 years, and yet our workforce is shrinking. As we strive to create a sustainable world and decarbonize the built environment, we will be required to change the ways in which we promote, recruit, educate, upskill, reskill and grow the HVAC&R workforce.

I am looking forward to both of our October presenters that should carry this same message to all the attendees. I look forward to seeing everyone in a couple of weeks!

Kaylee Haupt
ASHRAE Baltimore President

MEETING SCHEDULE

<p>Main: September 4, 2025 Tech: September 16, 2025</p>	<p>Tech: Airflow Measurement for High Performance Buildings Main: Tiki Lee's Social</p>
<p>October 2, 2025 @ESB</p>	<p>Tech: Airflow Management Best Practices for Data Centers Main: Electrification Incentives: Navigating Opportunities and Challenges</p>
<p>November 6, 2025 @TBD</p>	<p>Tech: TBD Main: TBD</p>
<p>December 5, 2025 @Timonium Fairgrounds</p>	<p>75th Annual Christmas Party!</p>
<p>January 8, 2026 @ESB</p>	<p>Tech: Sizing and Selecting Actuators for Control Damper Main: TBD</p>
<p>TBD</p>	<p>Tech: TBD Main: Refrigeration Tour, TBD</p>
<p>March 5, 2026 @ESB</p>	<p>Tech: Combustion Air for Mechanical Rooms Main: TBD</p>
<p>April 2, 2026 @ESB</p>	<p>Tech: Motor TBD Main: TBD</p>
<p>May 7, 2026 @ESB</p>	<p>Tech: TBD Main: TBD</p>

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UPCOMING EVENTS

2025
MARYLAND ENGINEERING CONFERENCE
THURSDAY, OCTOBER 9, 2025
INFO SHEET



The Maryland Society of Professional Engineers (MDSPE) is excited to return to Johns Hopkins Applied Physics Laboratory for our 2025 Maryland Engineering Conference. This full-day event, taking place on October 9th offers up to **8 continuing education credits** for professional engineers.

Topics will include:

- Stormwater Resiliency in Maryland (A-STORM)
- Transforming a WWII era Shipyard (USCG)
- Maryland Building Decarbonization Policies (ZEHES, CHS, BEPS, etc.)
- Transportation Infrastructure in Maryland (Keynote Panel with MTA & MAA Leadership)
- Sustainable Repositioning of Existing Buildings
- Ethics for Engineers: Tools & Case Studies
- Updated Storm Drain Standards for MDOT/SHA

[full topic list on our website](#)



Event Details



Conference Schedule



Speaker Bios

THANK YOU TO OUR INDUSTRY ASSOCIATION PARTNERS



MDSPE is the leading association supporting professional engineers from every discipline in Maryland, and our carefully curated program features a diverse range of topics, ensuring there's something for everyone. Join us for a day of thought-provoking presentations, continuing education and networking opportunities with industry colleagues.

For more information visit our website, mdspe.org