

NEWSLETTER

OCTOBER 2025



MEETING DETAILS

Date:

Wednesday, October 8th 2025

Location:

Double Tree by Hilton, Fort Myers
at the Bell Tower Shops

Time:

11:30-12:15 pm Networking
12:15-1:30 pm Lunch & Main
Program

Cost:

\$35.00 Per Attendee

RESERVATIONS VIA RSVP LINK
BELOW ARE REQUIRED

*No Cost for College Students with a
Valid I.D.

Card Payments will be Accepted at
the Door

Pre-Pay via www.paypal.com to
swfl.ashrae@gmail.com

RSVP by October 7th, 2025 via the
following link:
<https://forms.gle/F5hUNy9sRNZkJF7K7>

Presenter:

Paul McMurphy
Director of Digital Solutions at Trane

A MESSAGE FROM OUR PRESIDENT

Greetings SWFL ASHRAE!

First and foremost, I want to extend a heartfelt thank you to our Diamond Sponsor, Tom Barrow, for your exceptional and ongoing support. Your dedication makes so much of what we do possible!

As we move into October, I am excited to share all the opportunities we have to connect, learn, and have fun together. This month features the return of one of our most popular events – our Annual Golf Tournament, now hosted on October 30th at Palmetto Pines. Whether you're a seasoned golfer or just out for a great time, I hope you'll join us for an afternoon of camaraderie, competition, and networking. On October 8th at lunch, we'll convene at the Double Tree for our monthly technical presentation. This time, we'll be diving into the pivotal topic of artificial intelligence in our industry—how AI is impacting HVAC&R, building design, and operations. If you're curious about where technology is heading, you won't want to miss this!

For our Young Engineers in ASHRAE (YEA) and anyone interested in growing their network, come out for a relaxed evening at Cigar Cutters on October 9th. Bring yourself, bring a colleague or industry friend, and come meet our Board of Governors (BOG). This is a perfect opportunity to ask questions, spark new connections, and find out more about the chapter's leadership. If you missed our inaugural YEA happy hour at Swamp Cat, this is your chance to join the fun! I'd also like to take a moment to thank all of our current annual sponsors—your investment in our chapter's mission is truly appreciated. To those who'd like to join our incredible family of sponsors, please reach out to Gary Devore, our RP Chair, to learn more about how you can get involved and support ASHRAE for the coming year. Sponsorship not only helps us fund exciting programming and scholarships, but it spotlights your organization among local industry leaders. As always, I encourage you to attend our events, invite friends, and share your ideas. October promises great learning, networking, and fun—I can't wait to see you out there.



Paul McMurphy
Director of Digital Solutions, Trane

**BS, Electrical and Electronics Engineering
from Michigan Technological University**

**BA, Computer Science from Michigan
Technological University**

pmcmurphy@trane.com

MAIN PROGRAM FOR UPCOMING MEETING:

Unlocking the Potential of AI in Buildings

This presentation explores current trends and future possibilities for artificial intelligence applications in the built environment. It will focus on its growing role in optimizing resource use, improving energy efficiency, and enabling more responsive, intelligent building systems. As AI becomes increasingly integrated into the operation and management of modern buildings, it is also shaping the way urban infrastructure is developed and how sustainable practices are implemented at scale. Delivered from a brand-neutral perspective, this session offers a forward-looking view of AI as a critical driver of smarter, more resilient built environments

With over 30 years at the intersection of HVAC and technology, Paul McMurphy is a visionary leader shaping the future of unlocking a building’s true potential to meet business drivers. His career spans the full spectrum, from hands-on embedded programming to future cloud technology as Director of Digital Solutions. A key architect of his company’s agile transformation, Paul McMurphy combines deep industry expertise with a forward-looking perspective on how Artificial Intelligence will revolutionize the HVAC landscape.

UPCOMING SCHEDULED CTTC MEETINGS

	October	November	December	January	February	March
Date	10/8/25	11/19/25	N/A	1/7/26	2/11/26	3/11/26
Location	Double Tree @ Crowne Plaza	Double Tree @ Crowne Plaza		Double Tree @ Crowne Plaza	Double Tree @ Crowne Plaza	Double Tree @ Crowne Plaza
Time	Lunch	Lunch		Lunch	Lunch	Dinner

Monthly YEA Cigar Meetup

YEA is hosting a networking event for industry professionals to be able to share ideas and enjoy a nice cigar.

Cigar Cutters
Thursday, October 9th
4:30-6:30 pm

Come and enjoy a cigar after work.



Cigar Cutters:
13451 McGregor Blvd
#28
Fort Myers, FL 33919

2025-2026 Sponsorship Opportunities

DIAMOND SPONSHORSHIP:

Tom Barrow Company

GOLD SPONSHORSHIP:

Pending

I would like to thank those of you who have already committed to sponsorships for the 25-26 society year.

We would encourage anyone who values their membership in SWFL ASHRAE to review the many benefits of sponsorship detailed in the annual sponsorship letter attached at the end of this newsletter.

If you have agreed to be a 25-26 sponsor and do not see your name listed above, please reach out.

gdevore@bandiflorida.com / (239) 671-6448

Thank you, we appreciate your continued support.

September CTTC



YEA at Swamp Cat



QUICK READS:

TONKO, FITZPATRICK INTRODUCE BILL TO IMPROVE INDOOR AIR QUALITY

Congressmen Paul Tonko (D-NY) and Brian Fitzpatrick (R-PA) have reintroduced the bipartisan **Indoor Air Quality and Healthy Schools Act**, which aims to protect the health of students, teachers, and staff by improving indoor air quality (IAQ) in schools and childcare facilities. The proposed legislation calls for an updated national assessment of IAQ, the establishment of a regularly updated list of significant contaminants, the development of voluntary health-based guidelines and building certifications, and strengthened resources and authority for the EPA's Indoor Environments Division. Supporters include ASHRAE, the American Lung Association, the American Academy of Pediatrics, and many others concerned about elevated exposure risks.

[Link to Article](#)

SOME AIR CLEANERS RELEASE HARMFUL BY-PRODUCTS. NOW WE HAVE A WAY TO MEASURE THEM.

The National Institute of Standards and Technology (NIST) has developed a new standard test method to measure unintended harmful by-products released by air purifiers—such as ozone, formaldehyde, and ultrafine particles—during operation. While many air cleaners are designed to eliminate pollutants like smoke, dander, or viruses, some models use chemical, UV, or ionizing processes that generate additional contaminants. The test, published via ASTM International, involves running devices in a sealed room with known chemicals, then sampling the air after four hours to detect by-product formation using UV absorption and particle sizing techniques. This method promises more consistent comparisons between air cleaner models, enables consumers to make informed choices, and could lead to future emission limits to protect indoor air quality.

[Link to Article](#)

ASHRAE CHAMPIONS 'COOL SKILLS' FOR WORLD REFRIGERATION DAY 2025, EMPHASIZES GLOBAL WORKFORCE DEVELOPMENT

On World Refrigeration Day 2025, ASHRAE is spotlighting the theme “Cool Skills” to highlight the vital training and expertise needed in the refrigeration, air-conditioning, and heat pump sector to ensure efficient, sustainable cooling systems that support human health, modern infrastructure, and environmental goals. ASHRAE emphasizes its global workforce development initiatives, including free courses like *Refrigerant Management for Future Engineers*, *Refrigerant Literacy*, and the updated *Energy Efficiency Literacy for Air-Conditioning and Refrigeration Systems*. Collaboration with the UN Environment Programme OzonAction underpins efforts to expand accessibility of educational tools and performance benchmarking (e.g., checklists for sustainable RAC plant operations). These efforts reflect ASHRAE's commitment to preparing today's and tomorrow's professionals to meet the challenges of energy performance, decarbonization, and resilient cooling infrastructure.

[Link to Article](#)

ARTIFICIAL INTELLIGENCE TRANSFORMS SHOPPING MALL

The *Award of Excellence* spotlight celebrates outstanding achievements in design and engineering, highlighting projects that demonstrate innovation, sustainability, and technical expertise. This year's winners showcase creative problem-solving, seamless collaboration, and impactful contributions to the built environment. From advanced mechanical solutions to cutting-edge architectural designs, the recognized projects set a high standard of excellence, inspiring industry professionals and reaffirming the importance of ingenuity and dedication in shaping the future.

[Link to Article](#)

ARTIFICIAL INTELLIGENCE TRANSFORMS SHOPPING MALL

The ASHRAE Regina Chapter has made a meaningful investment in early STEM education across Saskatchewan by distributing **570 copies** of *Lucy's Engineering Adventure* to schools, funded through fundraising efforts that brought in **\$7,250** in just three weeks. Alongside the book program, they run an after-school STEM initiative at Mother Teresa Middle School that focuses on underserved students, helping provide exposure to engineering through hands-on activities. Partnerships with the University of Regina, local consulting firms, and donors have helped expand the chapter's reach—efforts that include translating the book into several languages and working with students on real-world engineering and AutoCAD workshops. This initiative reflects ASHRAE Regina's commitment not just to awareness, but to long-term engagement, equity, and community impact in STEM education.

[Link to Article](#)

YEAR-ROUND MOBILE ENGAGEMENT – ASHRAE 365

Download ASHRAE 365 using the buttons below from your mobile device or search on the App Store or Google Play.

Welcome to ASHRAE 365 – a free app providing year-round updates on all things ASHRAE. This 2-minute video provides a quick overview of what ASHRAE 365 has to offer including information about events and the ability to connect with other members, find resources, and support ASHRAE.

