

Quick Links

[This Month's Meeting](#)

[Last Month's Meeting](#)

[Annual Sponsors](#)

[Membership](#)

[Treasurer](#)

[Research Promotion](#)

[CTIC](#)

[Technology Awards](#)

[GGAC](#)

[YEA](#)

[DIA](#)



ASHRAE Houston Chapter's THE HOT AIR RECORDER

79th Volume

No. 5

January

Sun	Mo	Tue	We	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

24

TBD

TRAILBLAZERS & TRENDSETTERS: A LEADERSHIP CELEBRATION

Join us in honoring ASHRAE Houston Leaders Past & Present, starting at 6PM!

Location: Lone Star Flight Museum
(11551 Aerospace Ave. Houston, TX 77034)

<http://www.lonestarflight.org/>

YEA Happy Hour

Want to Sponsor?

Reach out to Tim Navarro via email
Tim.Navarro@carrier.com



2023 ASHRAE Winter Conference & AHR Expo



2023 ASHRAE WINTER CONFERENCE
ATLANTA, Feb 4-8 | AHR Expo, Feb 6-8

ATLANTA, GEORGIA
2.4.23 - 2.8.23 | [Register Here](#)

2023 ASHRAE TEXAS HOLD 'EM TOURNAMENT

- 02.23.2023 -

Roessler Equipment Training Building

Arrive at 5:30 PM - Cards fly at 6:00 PM

More information to be posted soon!



REMINDER!

Applications for ASHRAE Technology Awards Program are due by February 17th

[Apply here](#)

REGION VIII CRC

Monterrey

April 27-29, 2023

Region VIII CRC is going to Monterrey this year!

More details can be found [here!](#)



[This Month's Meeting](#)

[Last Month's Meeting](#)

[Annual Sponsors](#)

[Membership](#)

[Treasurer](#)

[Research Promotion](#)

[CTC](#)

[Technology Awards](#)

[GGAC](#)

[YEA](#)

[DIA](#)



THIS MONTH'S MEETING

TRAILBLAZERS & TRENDSETTERS: A LEADERSHIP CELEBRATION

WHEN? JANUARY

24TH

Tentative Schedule:

6:00 - 6:30 Arrive & Mingle

6:30 - 7:15 Dinner, Speaker, and Honoring Leaders

7:15 - 9:00 Museum Access



LONE STAR
FLIGHT MUSEUM
HOUSTON, TEXAS



Join us in honoring ASHRAE Houston Leaders Past & Present!

Whether a "Setting Sun" or a "Rising Star" our chapter relies on the pioneering spirit of past members who launched and sustain our industry as well as innovators for what is yet to come. This year's event commemorates our esteemed past presidents and recognizes the leadership contributions of members. Tickets include dinner in the Heritage Hanger, the setting of an incredible aircraft collection, with access to the Lone Star Flight Museum. Docents will be onsite for narrations about the displays.

<https://lonestarflight.org/see-do/heritage-hangar/>

Location & Parking:

The Lone Star Flight Museum is located at the corner of Aerospace Avenue and Challenger at Ellington Airport - 11551 Aerospace Avenue. Parking is free for all guests and available on site.

JANUARY 24, 2023

\$600 - FLIGHT SIMULATOR - 2 HRS

\$60 - MEMBERS TICKET

\$80 - ASHRAE GUEST TICKET

\$0 - PAST PRESIDENT TICKET

\$45 - PAST PRESIDENT SPOUSE TICKET

\$750 - EVENT'S TITLE SPONSOR

\$600 - PAST PRESIDENT'S SPONSOR

\$500 - ALCOHOL BEVERAGE SPONSOR

[CLICK HERE TO REGISTER](#)

[This Month's Meeting](#)

[Last Month's Meeting](#)

[Annual Sponsors](#)

[Membership](#)

[Treasurer](#)

[Research Promotion](#)

[CTC](#)

[Technology Awards](#)

[GGAC](#)

[YEA](#)

[DIA](#)



LAST MEETING - NOVEMBER



HPC Newsletter

Monthly updates and changes at the Houston Permitting Center.



Construction Code Modernization Project

The City of Houston is about to begin engaging stakeholders in the Construction Code Modernization (CCM) project, designed to build a resilient and sustainable City that can shield us from future shocks and stressors to keep Houstonians safe, healthy, and strong.

With FEMA funding from Hurricane Harvey, the CCM project will help the City move from the 2015 Construction Codes to the 2021 Construction Codes. The International Code Council's family of 2021 I-Codes will be adopted as a base code with local amendments that will strengthen the base code and ensure the long-term sustainability of the development community.

The CCM project kicked off in mid-June of 2022 and will take two years to successfully complete the six major tasks to accomplish the City's goals and objectives. The stakeholder engagement period will begin in December and continue through the end of April 2023.

During this period, the public and all internal and external stakeholders, including architects, engineers, builders, developers, tradesmen, and technical subject matter experts, will have an opportunity to review all codes up for adoption and submit code amendments.

[Read more](#)

Tuesday, November 22nd the Houston Chapter held a virtual meeting with Alex McCray, City of Houston Public Works Staff Analyst. As a member of the Construction Code Modernization Project, he discussed the City of Houston's 2021 Building Code Adoption Process providing an overview of the project and how the ASHRAE Houston Chapter can be involved, which is important to our members and the industry, and answered questions from participants.

The City of Houston is embarking on the Construction Code Modernization (CCM) project with the primary objective of adopting the 2021 Building Codes. This project was constituted by Mayor Turner with FEMA funding received due to the devastating impact Hurricane Harvey had on Houston. Adopting the most current building codes will allow Houston to appreciably increase the resilience of our communities by mitigating the damages caused by disasters and potential climate stressors. Construction Codes—and their consistent and timely updating and enforcement—ensure the health and safety of buildings, their functions, and the communities they serve. Now, more than ever, we must be at our strongest and most resilient as we Build Houston Forward. Together we create a strong foundation for Houston to thrive!

More information can be found at <https://www.houstonpermittingcenter.org/construction-code-modernization>

ASHRAE members are encouraged to:

- 1) Sign up for the newsletter and updates
- 2) Join a committee and be part of the code development process, and/or
- 3) Submit a Construction Code Amendment.

If you participate in a committee, please let Catherine Tinkler and/or Garrett Neubauer know so that we can track ASHRAE member participation in this effort.

Quick Links

[This Month's Meeting](#)

[Last Month's Meeting](#)

[Annual Sponsors](#)

[Membership](#)

[Treasurer](#)

[Research Promotion](#)

[CTC](#)

[Technology Awards](#)

[GGAC](#)

[YEA](#)

[DIA](#)



ANNUAL SPONSORS

PLATINUM



GOLD



SILVER



BRONZE



ENGINEERING



Quick Links

[This Month's Meeting](#)

[Last Month's Meeting](#)

[Annual Sponsors](#)

[Membership](#)

[Treasurer](#)

[Research Promotion](#)

[CTC](#)

[Technology Awards](#)

[GGAC](#)

[YEA](#)

[DIA](#)



MEMBERSHIP

THINKING OF JOINING OR RENEWING? CHECK OUT THESE RESOURCES:

CONNECT-A-COLLEAGUE

We've kept it simple: Enter your name and email, your colleague's name and email, and press send. That's it! This pre-written invitation will be sent on your behalf, and includes options to reference an ASHRAE technical committee section, and to add a custom message. [Click here to get started!](#)



MEMBERSHIP BENEFITS FLYER

[Click here](#) for a flyer that includes a summary of membership benefits by grade.



STUDENT MEMBERSHIP BROCHURE

This brochure provides a description of all resources available for ASHRAE student members. This is a great brochure for recruiting new members at existing student branches or for the formation of a new student branch.



SUPPORT MY ASHRAE RENEWAL

Most employers are happy to support involvement in a professional society like ASHRAE. [Here's a sample email](#) to get your boss on board with supporting your new membership renewal.



ASHRAE

MEMBERSHIP GUIDE

[Click here](#) for an up-to-date overview of all benefits associated with joining the Society. This reference is a great tool for members and potential members. Flip through the Membership Guide.

YOUNG ENGINEERS IN ASHRAE GUIDE

This guide highlights the benefits of ASHRAE for a young professional member highlighting programs and services created specifically for ASHRAE members 35 and younger.

SUPPORT MY ASHRAE MEMBERSHIP

Most employers are happy to support involvement in a professional society like ASHRAE. [Here's a sample email](#) to get your boss on board with supporting your new membership.

APPROVED

REAPPROVED

Join or renew through <https://www.ashrae.org/join>

If you have any questions, contact membership@ashraehouston.org

TREASURER



Chapter is in good financial standing



Books have been transferred from Ayman Ashkar to Nick Janssen



2022 taxes filed

22-23 Treasurer: Nick Janssen

[This Month's Meeting](#)

[Last Month's Meeting](#)

[Annual Sponsors](#)

[Membership](#)

[Treasurer](#)

[Research Promotion](#)

[CTC](#)

[Technology Awards](#)

[GGAC](#)

[YEA](#)

[DIA](#)



RESEARCH PROMOTION

2023 ASHRAE

TEXAS HOLD 'EM TOURNAMENT



- 02.23.2023 -

Roessler Equipment Training Building

(2nd Floor, not wheelchair accessible)



Arrive at 5:30 PM

Cards fly at 6:00 PM



Bring your friends, family, clients or co-workers!

— Buy-In and Pay-Out to be determined —

— Buy-In includes light snacks and full beverage service —

— 100 Players expected —

Coordinated by iHostPoker

CHAPTER TECHNOLOGY TRANSFER

Construction Code Modernization Project | 30-Day Public Notice Alert | December 29, 2022

The City of Houston is in the process of receiving public comments for the proposed 2021 Building Codes. The 2021 Building Code Analysis is grouped by Task Force Group (see below). There will be a 30-Day Public Comment period with the opportunity to submit a proposed amendment for each group. To view the proposed 2021 Building Codes and to submit a proposed amendment please visit [Construction Code Amendments | Houston Permitting Center](#).

[Task Force Group 1 \(TFG-1\): BUILDING AND FIRE CODES](#)

International Building Code (IBC), International Existing Building Code (IEBE), and International Fire Code (IFC)

30-Day Public Comment Period: Monday, November 14, 2022 – Tuesday, December 13, 2022

12.13.20 Extended deadline to 12.31.22

12.20.22 extended deadline to 01.13.23

[Task Force Group 2 \(TFG-2\): RESIDENTIAL & POOL CODES](#)

International Residential Code (IRC) and the International Swimming Pool and Spa Code (ISPSC)

30-Day Public Comment Period: Wednesday, December 14, 2022 – Thursday, January 12, 2023

On December 20, 2022: Extended to 01.20.23

[Task Force Group 3 \(TFG-3\): PERFORMANCE CODES](#)

International Energy and Conservation Codes (IECC) and International Code Council Performance Code (ICCPC)

30-Day Public Comment Period: Monday, January 9, 2023 – Tuesday, February 7, 2023

[Task Force Group 4 \(TFG-4\): Mechanical, Electrical, and Plumbing Codes](#)

30-Day Public Comment Period: Monday, February 6, 2023 – Tuesday, March 7, 2023

If you are interested in volunteering for this important project, please visit [Construction Code Modernization | Houston Permitting Center](#).

You can also sign-up for the newsletter for this project and get updates for this project.

[This Month's Meeting](#)

[Last Month's Meeting](#)

[Annual Sponsors](#)

[Membership](#)

[Treasurer](#)

[Research Promotion](#)

[CTC](#)

[Technology Awards](#)

[GGAC](#)

[YEA](#)

[DIA](#)



[This Month's Meeting](#)

[Last Month's Meeting](#)

[Annual Sponsors](#)

[Membership](#)

[Treasurer](#)

[Research Promotion](#)

[CTTC](#)

[Technology Awards](#)

[GGAC](#)

[YEA](#)

[DIA](#)



ASHRAE Technology Awards

Now is the time to consider submitting a project(s) for ASHRAE's Technology Awards this year. It starts by brainstorming what projects you have started up that would be eligible for one of the following categories:

1. Category - Check one and indicate New, Existing, or Existing Building Commissioning (EBCx)			
<input type="checkbox"/> Commercial Buildings	<input type="checkbox"/> New	<input type="checkbox"/> Existing or	<input type="checkbox"/> EBCx
Institutional Buildings:			
<input type="checkbox"/> Educational Facilities	<input type="checkbox"/> New	<input type="checkbox"/> Existing or	<input type="checkbox"/> EBCx
<input type="checkbox"/> Other Institutional	<input type="checkbox"/> New	<input type="checkbox"/> Existing or	<input type="checkbox"/> EBCx
<input type="checkbox"/> Health Care Facilities	<input type="checkbox"/> New	<input type="checkbox"/> Existing or	<input type="checkbox"/> EBCx
<input type="checkbox"/> Industrial Facilities or Processes	<input type="checkbox"/> New	<input type="checkbox"/> Existing or	<input type="checkbox"/> EBCx
<input type="checkbox"/> Public Assembly	<input type="checkbox"/> New	<input type="checkbox"/> Existing or	<input type="checkbox"/> EBCx
<input type="checkbox"/> Residential (Single and Multi-Family)			

Start thinking now about the **projects that opened for operation on or before September 1st, 2022**

Houston Chapter submission deadline is Friday, February 17th, 2023.

Contact Catherine Tinkler – CTTC Chair for additional information and instruction on how to submit your project.

ctinkler@pagethink.com

Benefits of Winning a Technology Award



Recognized by peers as being innovative and capable of achieving a high level of competence



Recognition on ASHRAE's website



Winning projects are highlighted in the ASHRAE Journal and High Performing Buildings Magazine



Opportunity to bring additional recognition and prestige to buildings with innovative design



First place awards and the Engineering Award of Excellence are honored at the Plenary Session of the Society's Winter Meeting

[This Month's Meeting](#)

[Last Month's Meeting](#)

[Annual Sponsors](#)

[Membership](#)

[Treasurer](#)

[Research Promotion](#)

[CTC](#)

[Technology Awards](#)

[GGAC](#)

[YEA](#)

[DIA](#)

GRASSROOTS GOVERNMENT



2023 Building Performance Analysis Conference

September 11-13, 2023 | Austin, Texas

2023 ASHRAE Building Performance Analysis Conference

Holistic Building Analysis: Linking Operational Energy, Embodied Carbon and Comfort

September 11-13, 2023 | Austin, Texas

ASHRAE will host the annual Building Performance Analysis Conference September 11-13, 2023 at the Hyatt Regency Austin, in Austin, Texas. This will be the tenth consecutive ASHRAE modeling conference and 12th overall. Designers, Architects, Consulting Engineers, Building Owners, Principals of Firms, Researchers, Utility Providers, Policy Experts, Contractors and Facility Managers will address the practices of energy modeling and building performance simulation using existing simulation tools, software development and future simulation research and applications.

The technical program will consist of keynote speakers, invited speakers, a call for presentations and the ninth ASHRAE LowDown Showdown.

The **theme** of the conference is: Holistic Building Analysis: Linking Operational Energy, Embodied Carbon and Comfort

The technical program will address topics such as:

- Approaches to Modeling Future Weather, Climate and Extreme Events
- Intelligent Building Operations
 - Grid Interactions and Distributed Energy Resources
- Modeling Advances - Tools and Workflows
- Modeling for Carbon and Embodied Energy
- Occupant Health, Wellbeing and Comfort
- Lighting and Daylighting
- Modeling Existing Buildings
- Thermal and hygrothermal (envelope) modeling
- CFD Applications for Architectural Decision Making
- Urban and Community Scale Modeling
- Intelligent Building Operations -
 - Efficiencies and Load Management
- Energy Equality, Access and Justice
- Resilience

For more information visit [click here!](#)



Quick Links

[This Month's Meeting](#)

[Last Month's Meeting](#)

[Annual Sponsors](#)

[Membership](#)

[Treasurer](#)

[Research Promotion](#)

[CTC](#)

[Technology Awards](#)

[GGAC](#)

[YEA](#)

[DIA](#)



YEA



Thank you to everyone who came out and made our November HH's a success!



Tim Navarro

2022-2023 YEA Chair

Tim.Navarro@carrier.com

YEA Happy Hour

Join us at our next event!

Want to Sponsor?

Reach out to Tim Navarro via email

How to Sponsor?

After emailing Tim, pick a date, time and location so that we can post in upcoming Newsletters!

DIA

Diversity in ASHRAE!

As our world (hopefully) moves toward a new normal, we look forward to engaging in meaningful discussions, hosting facility tours, and coordinating lively social events in whatever the appropriate manner may be.

For the upcoming year DIA aims to provide

- A network of women supporting all individuals in the industry
- Opportunities for professional growth and development
- Leadership skills
- Broader exposure and awareness through outreach programs

We will also work in connection with Shannon Yancey, Chair position for Membership, to help grow and bring awareness to DIA. I am thrilled to serve as your Co-Chair for the next year and look forward to endless possibilities.

Please feel free to contact me, Krista Villanueva or Lauren Ramos, with any questions or suggestions!

Kvillanueva@gulfcoastboiler.com

lauren.ramos@dialecticeng.com



KRISTA VILLANUEVA



LAUREN RAMOS