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VOLUME 12, ISSUE 9

MAY 2018

<u>MONDAY, MAY 21, 2018</u> ASHRAE Picnic / Golf Tournament **To be held at**

Ravenwood Golf Course



(see page 5 for more details)

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Chapter Officers

President William J. Clark (585) 303-0729 william.clark@DayAutomation.com

President Elect Paul Kenna, PE (585) 289-6816 paul.kenna@pres-services.com

Treasurer Tom Streber (585) 272-9450 tstreber@jwswanson.com

Secretary Mike Benedict (585) 490-2661 mike@airsystemsbalancing.com

Committee Chairs

CTTC Jeff Wiedrick (585) 325-8354 jwiedrick@bergmannpc.com

Grassroots Government Advocacy Marjani Wilson (585) 402-7069 mwilson@labellapc.com

Refrigeration Co-Chairs Michael Nohle (585) 545-5522 mnohle@meiersupply.com Sam Scorsone, PE (585) 429-3925 ext 3925 Samuel.Scorsone@wegmans.com

Historian Jake Hall (585) 869-5125 jhall@proairplus.com

Membership George Herman (585) 219-5908 george@hermanhvac.com

YEA

Matt Kremers (585) 398-8018 mkremers@mcsmms.com

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Board of Governors

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Webmaster Steve Dear (585) 325-1290 sdear@crosbybrownlie.com

Nominating / Past President Jeff Close (585) 289-6816 Jeff.close@pres-services.com

Buyer's Guide TBD

SAVE THE DATE

ASHRAE 2017-2018 Meeting Schedule				
Date	Date Event		Location	
Monday,	Annual Dispis / Calf Outling at Devenuesd		11:00 AM Golf	
5/21/2018	Annual Picnic / Golf Outing at Ravenwood		5:30-8:00 Picnic	

Presidential Award Of Excellence

_			Chapter:
	ROCHESTER		**
· 🔲 🔶 🎑 `			
Download Achievements Report			Fiscal Year:
	2017-2018		
Chapter Operations	Par: 1200	Min Points: 600	Total Points: 1940
Chapter Technology Transfer	Par: 1050	Min Points: 450	Total Points: 1275
Electronic Communications	Par: 500	Min Points: 250	Total Points: 368
Grassroots Government Advoc	acy Par: 650	Min Points: 500	Total Points: 1050
Historical Criteria	Par: 300	Min Points: 100	Total Points: 230
Membership Promotion	Par: 800	Min Points: 500	Total Points: 1220
▶ RP	Par: 1050	Min Points: 800	Total Points: 1050
Student Activities	Par: 500	Min Points: 300	Total Points: 340

Mission Statement

ASHRAE will advance the arts and sciences of heating, ventilation, air conditioning, refrigeration and related human factors to serve the evolving needs of the public and ASHRAE members.



Shaping Tomorrow's Built Environment Today

Vision Statement

will be the global leader in the arts and sciences of heating, ventilation, air conditioning and refrigeration.
will be the foremost, authoritative, timely and responsive source of technical and educational information, standards and guidelines.

- will be the primary provider of opportunity for professional growth, recognizing and adapting to changing demographics, and embracing diversity.

President's May Message

May Newsletter 2018 President's Message

On April 9th we held our final regular monthly meeting for the 2017-18 year. We are lucky to have some great local expertise in the area of refrigeration who were able to share with the chapter. Mike Nohle from Meier Supply Co. spoke on Refrigerant Pip-

ing & Accessories Sizing and Best Practices and Ivan Rydkin from Daikin-America spoke on Designing Systems with New Refrigerants. Thank you, Mike and Ivan, for sharing your expert knowledge with the chapter.

On Saturday April 14th, the Rochester ASHRAE Chapter was an Affiliate sponsor at **The Rochester Engineering Society's 116th Annual Gala Event**. We were honored to participate in such a great event.

The **Rochester Engineering Symposium** was held on April 24th at the Hyatt Downtown. This year Jeff Close did a terrific job putting together a slate of three HVAC presentations sponsored by ASHRAE. Thank you Jeff!



Bill Clark, 2017-2018 President

Our final event of the year is our Annual Golf/Picnic scheduled for Monday, May 21st. If you are interested in participating or becoming a sponsor for this event, please contact Jim Browe (<u>ibrowe@rfpeck.com</u>).

Please continue to check out our website at <u>www.rochester.ashraechapters.org</u> for information on upcoming chapter meetings, current officer list and contact information, chapter newsletters, and more! Also take a minute and like us on Facebook at <u>www.facebook.com/#!/ashraerochester</u>.

Bill Clark, P.E., CEM 2017-2018 President Rochester Chapter



<u>MONDAY, MAY 21, 2018</u> ASHRAE Picnic / Golf Tournament To be held at Ravenwood Golf Course

Reservation Deadline is... May 14^{th,} 2018



Mail prior to <u>May 14th, 2018</u> to: Attention: Kacie Hoffman R.F. Peck Co., Inc. 889 Atlantic Avenue Rochester, New York 14609 <u>Any questions, call (585) 697-0839 ext. 105</u> Email: khoffman@rfpeck.com

Contact Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (Work) ______ (Home) ______

Ticket Request Form				
Event	Fee Amount Each	# Attending	Total	
Golf	\$95.00		\$	
Picnic \$55.00 \$		\$		
	OR	:		
Golf and Picnic <mark>(SAVE \$10.00)</mark>	\$140.00		\$	
Total amount enclosed:			\$	
Golfer #1	Golfer #2	Golfer #3	Golfer #4	
Golfer #5	Golfer #6	Golfer #7	Golfer #8	



2018 ASHRAE PICNIC SPONSORSHIP FORM

Monday May 21, 2018



Please include check (on notes put what sponsorship you made) and make payable to: <u>ASHRAE Rochester Chapter</u>

Mail to: Attention: Jim Browe RF Peck Company, Inc. 889 Atlantic Ave. Rochester, NY 14609 questions, call Jim at (585) 697-0836 ext.

Individual Name:			
Address:			
City:	State:	Zip:	
	(1).		

Please fill out so we can correctly recognize you or your company:

Company: _____

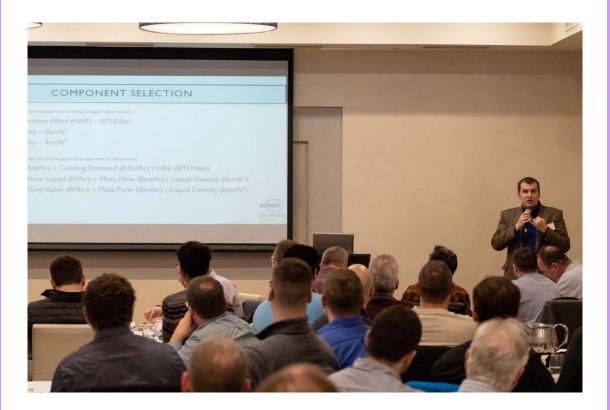
Any questions, call Jim at (585) 697-0836 ext. 101 Email: <u>jbrowe@rfpeck.com</u>

Phone: (Work)	(Home)

Sponsorship Form				
Sponsorship	X for Sponsorship	Sponsorship Amount		
Major Door Prize Sponsor – Gift/Item or Cash Donation- \$200 or more.				
Gold - \$250.00 - Hole Sponsorship and Recognition at Picnic		\$250.00		
Silver - \$150.00 - Hole Sponsorship		\$150.00		
Bronze - \$100.00 - Recognition at Picnic		\$100.00		
Prize Sponsor - \$175.00 - Longest Drive		\$175.00		
Prize Sponsor - \$175.00 - Closest to Pin		\$175.00		
Total Check Amount:				

Highlights from April ASHRAE Meeting

Mike Nohle from Meier Supply Co. spoke on Refrigerant Piping & Accessories Sizing and Best Practices and Ivan Rydkin (pictured below) from Daikin-America spoke on Designing Systems with New Refrigerants at the City Grill on Monday April 9th.





Job Opening

HVAC Estimator/Inside Support

The R.F. Peck Co., Inc is a commercial HVAC manufacturer's representative firm who has been in business for over 50 years. We specialize in the distribution, filtration, measurement and control of airflow, as well as heating, ventilating and air conditioning equipment sales.

Our continued success has created a need for an additional inside support/estimator in the Rochester, New York area. We require an energetic and driven person that has engineering background or HVAC experience that is willing to grow into this position. The job consists of: pricing, mechanical blueprint reading, takeoffs and submittal preparation. We offer training and a competitive payment and benefits package.

> If you are interested please send your resume to: Jim Browe jbrowe@rfpeck.com

> > R.F. Peck Co., Inc. 889 Atlantic Avenue Rochester, NY 14609 www.rfpeck.com

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Committee Updates

YEA

Every year YEA hosts our disc golf outing at Ellison Park along with the chapter golf tournament. There is no entry fee. We start at 3PM. Bring your own discs. The group will meet at the Horse Show parking lot off of North Landing Road. Questions or RSVP Matt Kremers at <u>mkremers@mcsmms.com</u>

Matt Kremers YEA Committee Chair

Like us on Facebook!

Visit our new Facebook page by searching for "ASHRAE Rochester" on Facebook. Any ideas for additions or improvements email to Mark Kukla at mark@airsystemsbalancing.com. Keep up to date with current events and photos from recent meetings.



Shaping Tomorrow's Built Environment Today

ASHRAE Membership Application

Save Time. Join Online at www.ashrae.org/join

Prices shown are valid from July 1, 2017 through June 30, 2018

MEMBERSHIP

WHO ARE ASHRAE MEMBERS?

Members are represented by consulting engineers, mechanical contractors, building owners, employees of manufacturing companies, educational institutions, research organizations, government, architects, students or anyone concerned with HVAC&R for the built environment.

WHICH MEMBER TYPE IS RIGHT FOR YOU?

ASHRAE has three grades of membership awarded to applicants based on their experience and participation in the industry. Before you apply and select a member grade, we encourage you to visit the ASHRAE website to see the member grades and their corresponding member benefits. Prices shown are in US currency.

Member (\$206)

Available to anyone with 12 years or more ASHRAE approved experience in the HVAC&R industry.

Associate Member (\$206)

Available to anyone with less than 12 years of ASHRAE approved experience in the HVAC&R industry.

Affiliate Member

(\$52 first year, \$78 second, \$103 third) Affiliate grade is for individuals who are new to ASHRAE (no previous membership in ASHRAE) and are age 30 or younger. It provides a great beginning for young professionals who wish to become involved in ASHRAE. (Does not include the annual member benefit of the ASHRAE Handbook).

Privacy Policy: By supplying your email address you are agreeing to receive electronic communications from ASHRAE, with the knowledge that you may opt-out of certain electronic communication once you become a member. Please visit ashrae.org/privacypolicy for additional information.

MEMBER BENEFITS AND RESOURCES

PUBLICATIONS & RESOURCES

- ASHRAE Handbook (Available to Members and Associates) in print or PDF, as well as a 12 month complimentary subscription to the Handbook Online, which provides online access to the most recent 4 volumes of the Handbook series.
- Monthly ASHRAE Journal in print and online
- Quarterly High Performing Buildings magazine in print and online
- e-Industry and eSociety electronic newsletters
- Access to members-only resources through ASHRAE.org, including the ASHRAE Journal and ASHRAE Research archives
- Discounts on over 300 of the industry's leading technical publications

PROFESSIONAL EDUCATION AND CAREER DEVELOPMENT

- Discounted registration for education courses through the ASHRAE Learning Institute, as well as ASHRAE certification programs
- Earn PDHs/CEUs/AIA LUs to maintain your professional designation/license with courses, seminars, and webcasts
- Gain industry knowledge, communication, and management skills by participating in ASHRAE technical programs or committees
- Post jobs or seek employment utilizing www.ASHRAEjobs.com

NETWORKING

- Connect locally, regionally and internationally with over 57,000 members in over 180 chapters worldwide
- Learn, share, and grow at the Annual and Winter Conferences, on ASHRAE technical committees, and ASHRAExChange.org
- Participate in your local chapter or regional meetings and events

Code of ethics: By submitting this application you are agreeing to abide by the ASHRAE Code of Ethics, found at ashrae.org/codeofethics.

ASHRAE MEMBERSHIP APPLICATION. Please complete each applicable section. Prices valid from 7/01/2017 - 6/30/2018.

1. Contact Inform	nation. 🗆 Mr. 🗆 N	Miss □Ms. □Mrs.	Dr. *Birthday (req	uired) / /
Name				(Month) (Day) (Year)
	(First)	(Middle)	(Last)	(Designation)
Primary Address	This is a 🗖 Home	□ Business	Alternate Address Th	is is a 🗖 Home 🗖 Business
Company Name			_ Company Name	
Address			Address	
City	Sta	te/Province		State/Province
Zip/Postal	Country_		_ Zip/Postal	Country
E-mail			— Alternate E-Mail	
Telephone	C	ell		Home 🗆 Business 🗆 Other

2. Member Grade. For additional information member grades and ber		Use addit		f necessary. Associate and Affiliate	cants must complete this section. grade applicants do not complete this section.
see reverse or visit ashra		School	Location	Dates of Attendance	Degree/Course of Study
□ Member — \$206 (must complete section 2a) □ Associate Member — \$206 □ Affiliate Member — \$52 first year/\$78 second/\$103 third				Educational R	ecord
		Employe	er Location	Dates of Employment	t Position/Title
(new members, under 30)			Qt	ialifying Work E	xperience
membership. Previous member number:			nal Engineering Licens on Information Date I	se Numberssued	
3. Demographics. Please by entering the codes in the space Which best describes your B- President C- Partner D- Associate E- Owner F- Vice President G- VP Eng. Chief Engineer K- Design Eng./Designer L- Proj./Application Eng. O- Facility Eng./Mngr. P- R&D Eng. R- Sales Engineer Which best describes your f 11- Consulting Eng. 12- Architectural & Eng 15- Design/Build 21- Contractor 26- Property Mgmt & Dev. 31- Industrial Facility 41- Commercial Facility 42- Gov't, Health, Education	e provided. title? S- Purcha Agent T- Draftsp U- Estima W- Techni X- Instruc Profess Y- Studen Z- Libraria ZZ- Other	sing erson tor cian tor or t an cturer urer's Rep. gineering aler/Dist. of Assoc. ssoc.		t from the list below: Refrigeration S- Unitary Refrigeration T- Commercial Refg. U- Industrial Refg. V- Process Refg. W- Low Temp (<60F) X- Refg. Components General Areas 1- Controls/Instrumentation 2- Heat Transfer Fluid Flow 3- Pipes, valves, fittings om 4- Refg. & Lubrications 5- Sound & Vibration ns 6- Insulation s 7- Energy Recovery s 8- Food Application 9- Health, Safety 10- Commisioning	 5. Handbook Preference. New Members and Associate Members receive a 12 month complimentary subscription to the Handbook Online, which includes access to the most recent 4 volumes of the Handbook. If you would like a print copy of the ASHRAE Handbook in addition to this subscription, please chose either IP or SI version below. Handbooks are printed and mailed to members annually in June. I-P (inch/pound units), print with PDF SI (metric units), print with PDF PDF only (I-P & SI) 6. Privacy Notice If you DO NOT wish to receive 3rd party physical mailings, please check here.
2- Manufacturing	5- Sales 6- Research	_	8. Payment. 🗆 Visa	es in the 'Total Åmount' of the payr	Diner's Club Check/money order**
	7-Teaching 8- Other			Signature D IN US AND CANADIAN FUNDS. CREI	

Application for Student Membership



Join online at www.ashrae.org/students

At the student branch level, you'll enjoy meeting other students with similar interests – if your school hasn't yet started a student branch, take charge and contact a faculty member and ask for help on getting started!

Why ASHRAE?

- Discounts on publications, conferences, and continuing education opportunities
- Society and chapter-level scholarships for both undergraduate and graduate engineering students
- Discounts for student members on select publications
- Digital access to the monthly ASHRAE Journal and the quarterly High Performing Building Magazine
- Participate in events with your local ASHRAE Chapter
- Find internships and jobs at jobs.ashrae.org
 Senior Undergraduate Project Grant Program
 Discounted ASHRAE Annual and Winter Conference registration (AHR Expo, Student Program, Technical Sessions)
- Gain essential skills not taught in class
 Make great new friends!

Developing Economies Program for Students Students who reside in countries categorized as "Low Income" and "Lower Middle Income" developing economies by the World Bank List of Economies statistics are eligible to participate in this program. Students in this program receive all the benefits of regular student membership, including online access to the ASHRAE Journal (digital access only - participants will not receive a monthly printed copy of the ASHRAE Journal).

Visit www.worldbank.org for a listing of qualified countries: ncome and Low Middle Income only. If you currently reside in one of the countries listed in those categories, simply check the box marked 'Developing Economies Program' in the 'Purchases' section of this application.

ASHRAE Student Membershi	p Application valid Jul	y 1, 2017 through June	30, 2018

1. Contact Information. □Mr. □Miss □Ms. □Mrs. *Birthday (required)	// (Month) (Day) (Year)
Name	(Month) (Day) (Teal)
Name(First) (Last)	
Primary Address (where all correspondence will be mailed) Alternate Address	
Address Address	
City CityState/Province City	State/Province
Zip/Postal Country Zip/Postal	Country
E-mail E-mail	
Phone: Phone:	
I would like to receive occasional student updates via email. I would like to participate in th	eASHRAE Chapter.
2. Student Branch Information. School Name:	
Address:	
City:State/Province:	Postal Code
Full time Part time Degree:	iraduation Date: (MM/DD/YYYY)
All student applicants must have the name and member number of an ASHRAE member sor. If your Student Branch Advisor is an active Associate or Member of ASHRAE, he/sh need assistance locating a sponsor, please email students@ashrae.org or call 678-539-	e can serve as your sponsor. If you
All student applicants must have the name and member number of an ASHRAE member sor. If your Student Branch Advisor is an active Associate or Member of ASHRAE, he/sh need assistance locating a sponsor, please email students@ashrae.org or call 678-539- phone and email address of your faculty advisor or course instructor.	e can serve as your sponsor. If you 1212. Also, you must list the name,
All student applicants must have the name and member number of an ASHRAE member sor. If your Student Branch Advisor is an active Associate or Member of ASHRAE, he/sh need assistance locating a sponsor, please email students@ashrae.org or call 678-539-	e can serve as your sponsor. If you 1212. Also, you must list the name,
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All student applicants must have the name and member number of an ASHRAE members or. If your Student Branch Advisor is an active Associate or Member of ASHRAE, he/sh need assistance locating a sponsor, please email students@ashrae.org or call 678-539-phone and email address of your faculty advisor or course instructor.	e can serve as your sponsor. If you 1212. Also, you must list the name, HRAE Member #: gram (see reverse for qualifications) \$11 r Price: \$49.00 mber Price: \$39.00 book series: \$33.00
All student applicants must have the name and member number of an ASHRAE members or. If your Student Branch Advisor is an active Associate or Member of ASHRAE, he/sh need assistance locating a sponsor, please email students@ashrae.org or call 678-539-phone and email address of your faculty advisor or course instructor. Sponsor Name:	e can serve as your sponsor. If you 1212. Also, you must list the name, HRAE Member #: gram (see reverse for qualifications) \$11 r Price: \$49.00 mber Price: \$39.00 book series: \$33.00 cstore
All student applicants must have the name and member number of an ASHRAE members or. If your Student Branch Advisor is an active Associate or Member of ASHRAE, he/sh need assistance locating a sponsor, please email students@ashrae.org or call 678-539-phone and email address of your faculty advisor or course instructor. Sponsor Name:	e can serve as your sponsor. If you 1212. Also, you must list the name, HRAE Member #: gram (see reverse for qualifications) \$11 r Price: \$49.00 mber Price: \$39.00 book series: \$33.00 tstore der** ion Date/ (Month) (Year)



Rochester Chapter - ASHRAE Board of Governors Meeting April 6, 2018 @ 7:30 AM Day Automation, 7931 Rae Blvd, Victor, NY 14564

Bill Clark President / CRC Alternate Х Х Paul Kenna President Elect / Program Х Tom Streber Treasurer Х **Mike Benedict** Secretary Immediate Past President & Nominating / CRC Delegate Jeff Close Sam Scorsone Board of Gov. (3) & Refrigeration Co-Chair Steve Dear Board of Gov. (3) & Website Chair Board of Gov. (2) & Membership Promotion Chair (MP) George Herman Board of Gov. (1) & Grassroots Government Advocacy Marjani Wilson Co-Chair Board of Gov. (1) & Chapter Technology Transfer Chair Х Jeff Wiedrick (CTTC) Board of Gov. (1) & Young Engineers in ASHRAE Chair Х Matt Kremers (YEA) Х Bret Fryover Attendance Co-Chair Tim Duprey Attendance Co-Chair Jake Hall Historian Chair Scott Edwards **Newsletter Editor** Matt Devlin Resource Promotion Chair (RP) Rob Hudson Student Activities Chair (SA) Al Rodgers Awards & Recognition Chair Bill Murray Education Publicity Mark Kukla Jim Browe Picnic/Golf Chair **Buyers Guide** Х Pete Bukowski Jody McGarry Valentine's Dinner Dance Х Mike Nohle **Refrigeration Co-Chair** Grassroots Government Advocacy Co-Chair Tom Burke Jaimee Wilson Women in ASHRAE Women in ASHRAE Michelle Sommerman

Meeting Minutes

1.	Call to Order • 7:35	Bill Clark
2.	Roll Call	Mike Benedict
3.	 Review and Approval of Previous Meet Motion - Tom Streber Second - Matt Kremers 	ing Minutes All
4.	Treasurer • Current Statement Balances • PayPal Account Updates	Tom Streber
5.	President Elect/ProgramScheduleEvaluation forms	Paul Kenna
6.	Attendance • 59 from March • Current reservations i. 35	Bret Fryover
7.	 CTTC Report We have 1 project submission! BOG voted and project won chase Project will be forwarded to report the submission of the submis	
8.	Membership Report Current members 	George Herman
9.	 Student Activities Report Student chapter Ed Burns is working on setting staff. 	Rob Hudson up a meeting between ASHRAE members and MCC
10.	 Education Report Scholarship Any candidates for this year i. Application will be publ 	Bill Murray ished in newsletter for this year until RES takes over
11.	 YEA Report Tech session on controls last w 12 attendees Social planned for 4/19 @ Radi Frisbee will happen just before 	o Social
12.	 Awards & Recognition Report Realto Cherne candidate has be 	Al Rodgers een selected
13.	 Resource Promotion Report Current vs. Goal 	Matt Devlin
14.	 Refrigeration Report Refrigeration Lunch Meeting 4/ 	Mike Nohle/Sam Scorsone 9 at City Grill.

15. Grassroots Government Advocacy Report

• Day on the Hill

16. Newsletter Report

- Committee submissions
- Newsletter deadline
- RES deadline
- 17. Buyers Guide
 - Move to business card ads for newsletter and website
 - Will work with Steve Dear and Scott Edwards
 - Announcement at Monday's meeting to introduce the business card ads
- 18. Historian Report
 - Planned activity
- 19. Publicity Report
- 20. Website Report
 - Coordinate updates with Kevin
 - Business card ads coming
- 21. Nominating Report
 - Ballots have been distributed and are due Monday 4/9/18 i. 20 responses so far via email
 - Speakers set for symposium

22. Valentines Dinner Dance Report

- Thank you, Tom, for keeping track of the money
- ~\$1,800 loss (expected) but an excellent event
- 23. Golf/Picnic Report
 - Ravenwood May 21st •
- 24. Women in ASHRAE
 - Planned Activities
- 25. Presidential Award of Excellence (PAOE)
 - Please review and update your PAOE points, go through entire list as some activities • apply to multiple categories.
- 26. New Business
- 27. Old Business
 - RES Gala Affiliate Sponsorship
 - i. 4/14/18 5:00 reception, 6:30 dinner
 - ii. 10 chairs paid for looking to fill
- 28. Set next BOG Meeting date / time / place.
 - Friday, May 11th @ 7:30 AM, Day Automation Office
- 29. Adjourn 8:10

Pete Bukowski

Mark Kukla

Jeff Close

Steve Dear/Kevin Wind

Jody McGarry

Jim Browe

Jaimee Wilson/Michelle Sommerman

Jake Hall

Scott Edwards

Marjani Wilson/Tom Burke

WELCOME TO HOUSTON

A letter of invitation from Stephen Redding, General Chairman of the 2018 ASHRAE Annual Conference

The Houston Chapter and Region VIII cordially invite you to our dynamic city for education, networking and fun! The June 23-27, 2018 Annual Conference will be in the heart of downtown Houston – surrounded by parks, hotels, entertainment and dining venues, our convention center and professional sports venues.

Our technical tours will highlight HVAC systems in one of the world's most air-conditioned cities. In south Texas, we are particularly proud of how our industry has conquered "hot and humid" – in our buildings, transportation, industry, entertainment and daily life.

Our general tours will introduce you to Houston – the nation's 4th most populous city and home to:

- Space Center Houston: the official visitor center of the National Aeronautics and Space Administration's center for human spaceflight activities
- World's largest medical center (52,000 employees, 21 million square feet, 4.8 million patients each year)
- World Series champion Astros (They will be playing in town that week!)
- World's first indoor sports stadium the 50-year-old Astrodome, currently being re-purposed as an event space
- The Houston Theater District, a 17-block area downtown and home to nine professional performing arts organizations, Bayou Place entertainment complex, restaurants, movies, plazas, and parks
- The Houston Museum District: 19 museums, galleries, cultural centers and community organizations, dedicated to promoting art, science, history and culture.

Houston encompasses an area larger than New Jersey and has been cited as the most ethnically diverse city in the nation. You will find that reflected in our dining, culture and friendliness. You can hear more than 90 spoken languages and can check-in with any of 84 consular offices. In the mood for Fajitas? Pad Thai? Tikki Masala? Fish Sauce or Pho? Barbecue and Craft Beer? – we have you covered (and at reasonable prices)!

It will be a "Hot Time in the Old Town Tonight" – literally and figuratively. Heat is energy and you will feel that energy – in the ASHRAE sessions, in interactions with your colleagues and in the discovery of a vibrant, beautiful city.

We look forward to meeting you in Houston! Steve Redding, General Chair / Houston Host Committee

For conference activities visit: https://www.ashrae.org/conferences/annual-conference



Residential Building in Hot and Humid Climates

Look for ASHRAE 365 in the App Store and Google Play May 1

True to its name, ASHRAE 365 can be used year round for one click access to information about events, standards and guidelines, continuing education, industry jobs, and much more. ASHRAE 365 will also provide the tools you've come to appreciate in a conference app, like the ability to create your itinerary, provide feedback about speakers, and connect with attendees. Look for ASHRAE 365 in the App Store and Google Play May 1, just in time for the Annual Conference in Houston.



Registration

Register by April 30 for Early Bird rates. Easily request employer support using templates from our <u>Conference Justification Toolkit</u>.

\$535 member | \$745 non-member

The Technical Program is now online and it's easier than ever to view, search, and create your own schedule of the 100+ available technical sessions.

To register and view the Technical Program, visit: https://www.ashrae.org/conferences/annual-conference