



American Society of Heating,
Refrigerating, and
Air Conditioning Engineers
Inc.

Special points of interest:

- President Message
- Twin Tier News
- Monthly Meetings
- Society News
- Scholarships
- Business Card Advertisements
- Employment

ASHRAE 2020-2021



November Meeting

November 17, 2020
Virtual Presentation!

PRESENTATION:

**The Sound of Teaching:
Bringing IQ back to the Classroom
(1 PDH)**

Amir Refaat - Systemair

To register, visit the Chapter website:

<http://twintiers.ashraechapters.org>

Please send all newsletter comments to:
Andrew Nice, Newsletter Editor
c/o Meier Supply Co.
275 Broome Corporate Parkway
Conklin, NY 13748

[Email the Editor](#)

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**American Society of Heating, Refrigerating,
and Air-Conditioning Engineers, Inc.**



Corner

President's

Dear Twin Tiers Chapter Members,

The ASHRAE year is now in full swing, with Thanksgiving quickly approaching.

Our next chapter meeting will again be a virtual presentation during the lunch hour given by Amir Refaat who is a Product Manager with Systemair. This month's presentation takes you through the fundamentals of sound, the basic science of sound waves and what makes sound. We will review common terminologies and explanations of acronyms in our industry that we may have seen or come across and review the importance of sound curves and how to read them for our industry. Then we will discuss the difference between AMCA, ANSI and the different sound labs and accredited testing. Finally, we will discuss why sound is critical for the classroom and how to better design classroom unit ventilators for optimal teaching efficacy.

It is likely that our December meeting will again be virtual due to the ongoing pandemic. We plan to hold the meeting on our regular third Tuesday of the month (12/15) during the lunch hour. Please check our calendar of events regularly under the "Programs" tab on the Chapter website for the most up to date information on upcoming events.

If you would like to get involved in the chapter's operations or events, please feel free to reach out to me or any board member. We are always looking for new volunteers for the chapter.

Thank you,
Devin Shapley
Twin Tiers Chapter President

Chapter President



Devin Shapley
(607) 723-9421

[Email Me!](#)

2020-2021 Chapter Officers

President-Elect

Adam Keller
(315) 484-9526
[Email Me!](#)



Vice President

Matthew Lloyd
(607) 239-3956
[Email Me!](#)



Treasurer

Victoria Kramer
(607) 321-6127
[Email Me!](#)



Secretary

Dana Schmidt
315-920-0487
[Email Me!](#)

Newsletter Disclaimer Statement

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American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

Twin Tiers Chapter

Presidential Award of Excellence (PAOE)

	Chapter Operations	Chapter Technology Transfer	Electronic Communications	Grassroots Government Activities	Historical	Membership Promotion	Research Promotion	Student Activities	Young Eng. In ASHRAE
MIN/ PAR	600/1200	550/1050	300/700	500/650	100/300	500/800	800/1050	500/800	300/800
Current	100	250	0	0	240	695	430	200	700

POINTS CURRENT AS OF 11/17/2020

Chapter Committee Chairs

Technology Transfer Adam Keller (315) 484-9526 Email Me!	Government Activities Adam Keller (315) 484-9526 Email Me!	Refrigeration Rob VanSkiver (585) 591-8168 Email Me!	Golf & Clambake Outing Michael McGinnis (607) 727-3168 Email Me!
Membership Promotion Chris Wolak (484) 350-1954 Email Me!	Nominating Devin Shapley (607) 723-9421 Email Me!	Meeting Reception Victoria Kramer (607) 321-6127 Email Me!	H.O. Ward Scholarship Richard Sanguinito (607) 231-6605 Email Me!
Research Promotion Michael McGinnis 607.727.3168 Email Me!	Student Activities Jason Gilbert (607) 777-2240 Email Me!	Membership Directory Chris Wolak (484) 350-1954 Email Me!	Albern Education Fund Jason Gilbert (607) 777-2240 Email Me!
Honors & Awards Devin Shapley (607) 723-9421 Email Me!	Historian Richard Sanguinito (607) 231-6605 Email Me!	Symposium– Fall/Spring Matthew Lloyd (607) 239-3956 Email Me!	Auditing Rick Sanguinito & Andrew Nice (607) 231-6605 / 607-760-5960 Email Me!
Webmaster Petros Papathomopoulos (607) 723-9421 Email Me!	Newsletter Editor Andrew Nice 607-760-5960 Email Me!	YEA: Young Engineers Kyle Nedlik (607) 321-6100 Email Me!	Publicity Andrew Nice 607-760-5960 Email Me!



American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc.

Twin Tiers Chapter– Monthly Meeting Information

2020-2021 Meeting Dates:

Date:	Speaker	Tech Session Topic, Tour or Meeting Info	Attendance:
22-Sep	Mark Davidson - Camfil USA	The Role of Air Filters in the Filtration and Disinfection COVID-19 Document	-
TBD	Multiple/TBD	Fall Engineering Symposium - VIRTUAL	-
17-Nov	Amir Refaat - Systemair	The Sound of Teaching: Bringing IQ back to the Classroom	-
15-Dec	Distinguished Lecturer TBD Ithaca, NY	Presentation/Tour: TBD Past President & History Night	-
19-Jan	Binghamton Arena / Hockey Game	Binghamton Arena Tour Membership Promotion Night	-
16-Feb	Speaker: TBD	Binghamton University Tour Student Night / YEA	-
16-Mar	Panel Discussion Meeting	Student Night / YEA	-
20-Apr	Multiple/TBD	Spring Engineering Symposium—Daytime	-
18-May	New Brewery Tour	Refrigeration / Donor Recognition Night	-
15-Jun	None	Golf Tournament	-

NOTE: Speakers and topics are subject to change based on availability.

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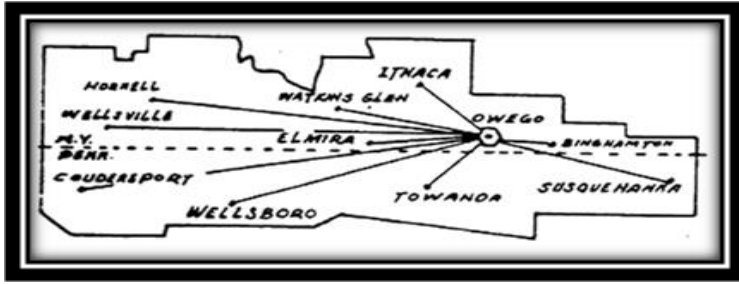
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November Chapter Meeting Announcement

November 17, 2020

ASHRAE Twin Tier November Chapter Meeting

DATE: Tuesday, November 17th, 2020

TIME: 12:00 (noon) PM

MEETING LOCATION: Virtual Meeting

SPEAKER: Amir Refaat - Systemair

DESCRIPTION: This presentation takes you through the fundamentals of sound, the basic science of sound waves and what makes sound. We will review common terminologies and explanations of acronyms in our industry that we may have seen or come across, and review the importance of sound curves and how to read them for our industry. Then we will discuss the difference between AMCA, ANSI and the different sound labs and accredited testing. Finally, we will discuss why sound is critical for the classroom and how to better design classroom unit ventilators for optimal teaching efficacy.

AGENDA:

- 12:00 – 12:10: Chapter Announcements, Meeting Introduction
- 12:10 – 1:00: Presentation
- 1:00 – 1:15: Questions

REGISTRATION: [REGISTER HERE!](#)

CONTACT: Adam Keller
 (Please call, text, or email me at below with any questions or if you get lost)
 E: [Email Me!](#)
 C: (315) 484-9526



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Twin Tiers Chapter - October BOG Meeting Minutes



<http://twintiers.ashraechapters.org>

Board of Governors Meeting

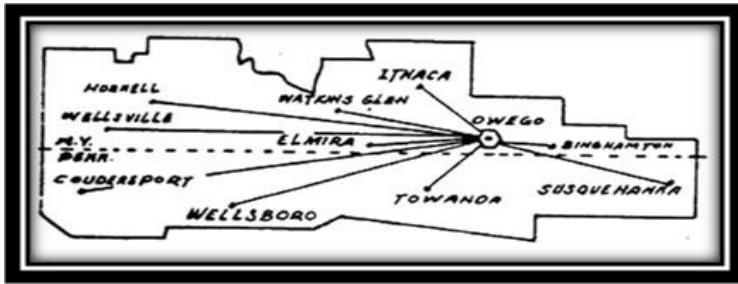
Date: October 29, 2020

Location: Video Conference Call

Agenda

Meeting was called to order at: 4:04

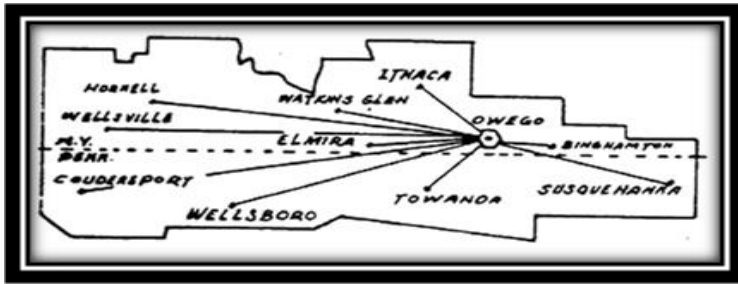
- Call to Order and Attendance:
 - Attended: Devin Shapley, Adam Keller, Alison Kran, Chris Wolak, Dana Schmidt, Victoria Kramer, Kyle Nedlik, Matt Lloyd, Mike McGinnis, Rob VanSkiver,
 - Call-in:
- Item to Discuss:
 - Vote to approve the September Meeting Minutes with budget attached : Kyle and Devin
 - Open Floor
 - Spring Symposium Update- TBD
- Treasurer's Report (Victoria Kramer):
 - Account Balances
 - All are in good standing.
 - (Matt) – Update on Audit Report
 - Tax return
 - Devin and Victoria to meet with Lynn next week to sign. Victoria will mail the return and check to the state.
 - Must be signed by all/post marked by Nov 15th?
 - M&T Account - Develop plan and fill out paperwork to update authorized signers
 - Sign in person was rule last year- Rules may have changed this year
- CTTC (Adam Keller/Matt Lloyd):
 - Update on the year's proposed calendar of events
 - Update on fall symposium
 - Paypal button- \$5
 - Customize link to meeting
 - Devin, Adam, Petros- get together to organize meeting/registration
 - Anyone presenting- be sure to clarify there is an area/capacity limitation



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Twin Tiers Chapter - October BOG Meeting Minutes (Cont.)

- YEA (Kyle Nedlik):
 - Fall YEA Event
 - Increased COVID cases in Broome therefore cancelled for safety
 - Virtual panel in winter
 - Panel ideas/suggestions?
- Membership Promotion (Chris Wolak):
 - Over for PAOE points- ASHRAE just needs to update
- Research Promotion (Glenn Roberts / Mike McGinnis):
 - Need full circle donations by November 15th
 - RP deadline December 1st
 - Past president send out letter- nothing new
 - Make DL past president
 - Charge for PDH but don't charge past presidents
 - Rain check for future dinner?
- Special Events
 - Still planning for golf event for 2021
 - Loop Travis into online meetings
- PAOE (Devin Shapley): See below (as of 10/29/2020)
 - Reminder to chairs that they can update PAOE points.
 - Please review any points that are to be assigned by the region and reach out to the responsible person as required
 - PAOE just updated before sent out



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Twin Tiers Chapter - October BOG Meeting Minutes (Cont.)

CATEGORY	PAR	MIN	PTS
<u>Chapter Operations*</u>	1200	600	100
<u>Chapter Technology Transfer*</u>	1050	550	250
Communications	700	300	0
<u>Governmental Affairs*</u>	650	500	0
Historical	300	100	240
<u>Membership Promotion*</u>	800	500	695
<u>Student Activities*</u>	800	500	200
<u>RP*</u>	1050	800	0
<u>YEA</u>	800	300	700
Total	3/6 and 5/8	8/8	

Pts – Have NOT Achieved Min

Pts – Have Achieved Min, but not PAR

Pts – Have Achieve PAR

- PAOE: Minimum in 5 of the following 6 categories: Chapter Operations, Chapter Technology Transfer, Governmental Affairs, Membership Promotion, RP and Student Activities - **Incomplete**
- Special Citation: Minimum in 5 of the 6 categories, with a minimum of 5,500 points - **Incomplete**
- STAR: PAR in all categories - **Incomplete**
- Honor Roll: PAOE for at least four consecutive years - **Incomplete**
- High Honor Roll: STAR for at least four consecutive years - **Incomplete**
- Premier: PAOE every year since the chapter's inception or since 1970; minimum of four years; chapter's first year is excluded - **Incomplete**
- New Business
 - Virtual tour- to reach needed PAOE points?

Meeting was adjourned at 4:33pm

Motioned: Devin

Second: Kyle

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Evan Hallas
AeroSeal Operations Manager

ehallas@taitem.com

Taitem Engineering, PC
110 South Albany Street
Ithaca, New York 14850

607.277.1118 x103

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Dominick DeLucia
Project Engineer

ddelucia@taitem.com

Taitem Engineering, PC
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Ryan Byrd
System Sales - Engineering Account Manager
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What Were They Thinking???



No condensate pump, no problem!

**Do you have a funny, “unique”, or just plain horrible installation picture?
Please send them to the Editor at anice@meiersupply.com**



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TRAINING



New York State Professional Engineers **Self Study Ethics PDH Available!**

As a licensed professional in New York State, it is your professional responsibility to know the legal and ethical requirements governing the practice of your profession and to be alert to changes in those requirements. The New York State Board for Engineering and Land Surveying, in an effort to help you stay abreast of your professional responsibilities, has developed this short, self-study educational activity in ethics.

This educational activity is based on the New York State Education Law Articles 130 and 145, the Rules of the Board of Regents Parts 1, 3, 17, 18, 28, 29, 31, and the Regulations of the Commissioner of Education Parts 59 and 68. It is strongly recommended that, prior to taking the self test, you review these [foundational materials](http://www.op.nysed.gov/prof/pels/pelaw.htm) (<http://www.op.nysed.gov/prof/pels/pelaw.htm>) on the engineering web site.

Once you have reviewed the foundational materials, proceed to complete the self test below. When you have completed the self test, click the "Get your score" button at the bottom of the page. You should print this screen and save it as evidence of satisfactory completion of this educational activity. A score of 90% or greater will allow you to claim 1 Professional Development Hour (PDH) of educational activity credit in ethics ONCE in each three-year registration period. Retain your printed screen for no less than 6 years from the date of completion.

Take Your PE Ethics Self Test Here!

<http://www.op.nysed.gov/prof/pels/peceselftest.htm>



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TRAINING



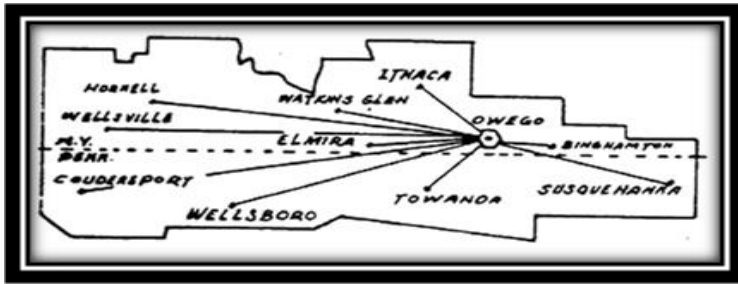
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TRAINING



News

FOR IMMEDIATE RELEASE

Media Contact:

Karen Buckley Washington
Public Relations Specialist
kbwashington@ashrae.org

ASHRAE Learning Institute Releases New HVAC Design Training Schedule

Registration now open

ATLANTA (November 16, 2020) – Registration is now open for HVAC Design and Operations training through ASHRAE Learning Institute (ALI). The training will run from December 2020 through June 2021.

"As technology continues to change, the need for training that incorporates the latest building performance solutions will become critical," said 2020-21 ASHRAE President Chuck E. Gullette III, P.E. "ASHRAE's HVAC Design training offers comprehensive professional development that is useful in addressing the today's industry challenges."

In light of COVID-19 and the safety of ASHRAE course participants, the HVAC Design trainings will be held online.

HVAC Design: Level I – Essentials provides intensive, practical training ideal for recent technical or engineering school graduates and engineers new to the HVAC field. Developed by industry-leading professionals selected by ASHRAE, the training provides attendees with the fundamentals and technical aspects of HVAC design, installing and maintaining HVAC systems, that can be put to immediate use.

HVAC Design Level II – Applications provides instruction in HVAC system design for experienced HVAC engineers and those who have completed the

HVAC Design: Level I – Essentials. The training covers the technical aspects of design and methods to increase energy savings through innovation in HVAC design.

[MORE INFORMATION & REGISTRATION HERE!](#)

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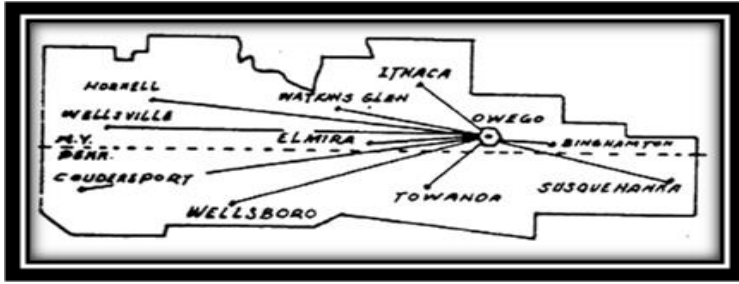
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Twin Tiers Chapter– Business Cards Advertisement for Newsletter

ADVERTISE your business card:

- Current business card adds will expire at the end of this year, December 31, 2020.
- New subscription will run the calendar year 2021.
 - Cost to advertise for the 2021 year is \$50.
- Sign up now for the 2021 year On Pay Pal <http://twintiers.ashraechapters.org/page-newsletter.html>

Or Send Check and copy of business card to Twin Tier News Letter Editor:

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- Email a copy of your business card to [Twin Tier Newsletter Editor Email](mailto:twintiersnewsletter@meiersupply.com).

From Web site please visit: <http://twintiers.ashraechapters.org/page-newsletter.html>

Go to the News Letter tab, and place your order to advertise your business card.

Business Card Advertising 2021

The Twin Tiers Chapter of ASHRAE can accept business card advertising with the following provisions:

- The company must be associated with HVAC&R technology.
- The company must be a local service provider, a local manufacturer, or a manufacturer's representative serving the area.

If you aren't sure, just ask.

We are now accepting business card advertisements for the newsletters that will be published in 2021. This is a great opportunity to get your name and business in front of the over 250 subscribers to our chapter newsletter. The price for the newsletter only is \$50 for the entire 2021 year.

Business card ads can be placed using a scanned electronic copy of your business card, or you can mail your card to me (please no staples or paper clips).

Questions? Call or email
Thank you for your support!
Andrew Nice

[Twin Tier Newsletter Editor Email](mailto:twintiersnewsletter@meiersupply.com)

**American Society of Heating, Refrigerating,
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Comments? Suggestions?

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We welcome your feedback!



ASHRAE Mission Statement

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

Ethics Requirement for PE

PE's in NYS will be required to have one hour of Ethics within their 36 hours of continuing education for registration periods beginning August 1, 2011 and after.

ASHRAE Vision Statement

ASHRAE will be the global leader in the arts and sciences of heating, ventilation, and air conditioning.

ASHRAE will be foremost authoritative, timely, and responsive source of technical and education information, standards and guidelines.

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

***Advancing HVAC&R to
serve humanity and pro-
mote a sustainable world"***

Twin Tiers Chapter Mailing Address:
Twin Tiers ASHRAE Chapter
P.O. Box 6706
Ithaca, NY 14851-6706