

May 2022

THE LONG ISLAND SOUNDER



ASHRAE Long Island Chapter, Region I...Founded in 1957

www.ashraeli.com

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

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President's Message

This month is our field trip! I am looking forward to touring UBS arena and seeing the mechanical rooms. We will be heading to Trotter's for food and drinks after the tour.

Thank you to all who attended our annual golf outing at Cherry Valley Club. It was a great turnout despite the cold and the rain; our largest turnout yet! As many of you know, this is our major fundraiser for the year and its success allows us to hold events and the chapter meetings each month, provide scholarships, etc. We couldn't do it without the leadership of former president Peter Gerazounis who



handles the planning and execution of the outing. Thank you again for your help Peter!

Please keep an eye out for an email for the voting of the new board positions for next year. This will be coming in the next few weeks and the new officers will be sworn in at the June meeting.

We are in the middle of our Membership Battle! See details below in our membership promotion segment and help the chapter by promoting membership in your company. Membership has been struggling the last few years in ASHRAE as a whole – alt-

hough our chapter has been doing well despite the last few years difficulties. Please keep your membership up to date and remind your peers to do the same.

ASHRAE LI has started an Instagram account, @ASHRAE_LI! Please follow us on all social media platforms (Facebook, Instagram, and LinkedIn) as well as the website, www.ashraeli.com, for the most up to date information on monthly presentations, upcoming events, etc.

If anyone is interested in joining a committee, please reach out to anyone on the board of governors. We are always looking for volunteers!

Regards,

Matthew Vitrano President - Long Island Chapter

Tuesday, May 10, 2022 FIELD TRIP TO UBS ARENA TIME: See Programs (page 4) for Details (Event is Sold Out)

CHAPTER MONTHLY MEETING

Check the ASHRAE Website for Society news and to join/renew membership!

http://www.ashraeli.com

Long Island Chapter Officers & Committees

ASHRAE 2020/2021 OFFICERS

POSITION	NAME	PHONE	EMAIL		
President	Matthew Vitrano	516.319.9325	c006@ashrae.net		
President-Elect	Murat Bayramoglu	631.312.8818	c006pe@ashrae.net		
Vice President	Michael Nigro	212.643.9055	c006vp@ashrae.net		
Treasurer	Elizabeth Jedrlinic	516.490.1621	c006tr@ashrae.net		
Secretary	Matthew Catan	407.489.6684	c006sec@ashrae.net		
Board of Governors	Michael Razzano	516.805.3084	c006bog1@ashrae.net		
Board of Governors	Zhigang Xu		c006bog2@ashrae.net		
Board of Governors	Rich Smith		c006bog3@ashrae.net		
Board of Governors	Michael S. Gerazounis	212.643.9055	c006bog4@ashrae.net		
Board of Governors	James Hanna	718.269.3768	c006bog5@ashrae.net		

ASHRAE 2020/2021 COMMITTEES

COMMITTEE	NAME	PHONE	EMAIL		
Programs & Special Events	Murat Bayramoglu	631.312.8818 <u>c006pe@ashrae.net</u>			
Membership (MP)	Michael Razzano	516.805.3084	c006mep@ashrae.net		
Refrigeration	Andrew Dubel	c006ref@ashrae.net			
Chapter Technology Trans- fer (CTTC)	Murat Bayramoglu	631.312.8818	c006cttc@ashrae.net		
Grassroots Government Activities (GGAC)	James Hanna	718.269.3768	c006ggac@ashrae.net		
Newsletter Editor	Liset Cordero	212.643.9055	c006ne@ashrae.net		
Research Promotion (RP)	Michael Nigro	212.643.9055	c006rp@ashrae.net		
Historian	Elizabeth Jedrlinic	516.490.1621	c006his@ashrae.net		
Student Activities (SA)	Matthew Catan	407.489.6684	c006sa@ashrae.net		
Young Engineers in ASHRAE (YEA)	Michael S. Gerazounis	6. Gerazounis 212.643.9055 <u>c006yea@</u>			
Webmaster	Frank Paradiso	631.632.2792	c006web@ashrae.net		
Nominating	Michael Gerazounis, PE, LEED AP	212.643.9055	nominating@ashraeli.org		
Reception & Attendance	Zhigang Xu / Matt Catan / Michael S. Gerazuonis		reception@ashraeli.org		
PR & Engineering Joint Council of LI (EJCLI) Liaison	Andrew Manos, LEED AP	631.632.2792	pr@ashraeli.org		
Golf Outing	Peter Gerazounis, PE LEED AP	212.643.9055	golf@ashraeli.org		
Awards	Brian Simkins	ins 203.261.8100 <u>c006ha@ashrae.net</u>			

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Chapter Monthly Meeting - Program for 2021/2022

Chapter Monthly Meeting - Program to	1 202 1/2022				
September 14, 2021 * At Westbury Manor	March 8, 2022 * At Westbury Manor				
Dinner Presentation – Fan Fundamentals Presenter: Andy Siegelson **1 PDH**	Dinner Presentation— HVAC Noise Control Presenter: Dan LaForgia **1 PDH** Student Activities Night YEA Night				
Refrigeration Night					
October 12, 2021 * At Westbury Manor	April 12, 2022				
Dinner Presentation — PPRCT Pipe and Fitting Systems for HVAC Water Distribution and Compressed Air Distribution Presenter: Jordan Stern **1 PDH**	Dinner Presentation— Load Shifting using Commercial Heat Pump Water Heaters in Multi-Family Buildings Presenter: Ryan Green **1 PDH**				
November 9, 2021 * At Westbury Manor	May 2, 2022 * Cherry Valley Club, Garden City, NY				
Dinner Presentation— Critical Environment Air Distribution Applications Presenter: Larry Scholl, CEM, LEED AP BD+C **1 PDH**					
Membership Promotion Student Activities Night and YEA Night Resource Promotion Night					
December 14, 2021 * At Westbury Manor V	May 10, 2022				
Dinner Presentation— Eliminating the High Cost of Over Pumping Presenter: Rick Smith **1 PDH**	Annual Field Trip				
January 11, 2022 * At Westbury Manor	June 14, 2022 * At Westbury Manor				
Dinner Presentation— Duct System Acoustics	Free Buffet Dinner for Members				
Presenter: Patrick J. Brooks, MBA, P.E. ASHRAE DISTINGUISHED LECTURER **1 PDH**	PAST PRESIDENTS NIGHT & OFFICER INSTALLATION STUDENT SCHOLARSHIPS TO BE AWARDED ASHRAE History Quiz and prize Give-A-Ways				
January 29 - February 2, 2022	June 2022 - TBD (4pm-8pm) * Dixie II @ Captree State				
ASHRAE Winter Conference	Park Boat Basin, NY ANNUAL FISHING TRIP				
February 8, 2022 * At Westbury Manor	August 2022				
Dinner Presentation— Optimizing IAQ and Energy Efficiency Presenter: Joe Maser **1 PDH**	CHAPTERS' REGIONAL CONFERENCE (CRC) REGION I GRANIT STATE				
Membership Promotion Night					
Resource Promotion Night					
February 20-26, 2022					
NATIONAL ENGINEERS WEEK					

Meeting Program



Field Trip to UBS Arena Elmont, NY Touring the Arena & Mechanical Spaces

Tuesday, May 10th @ 5:00pm
Please arrive 15 minutes ahead of start time

Fee:

\$25 pp (must pre-register at link below)

RSVP by May 5th:

https://www.ashraeli.com

The tour will be followed by food & drinks at Trotters Bar & Grill Attendance is limited to 40 people. Pre-registration required. No walk-ins will be allowed to attend.

DIRECTIONS

- The arena is at 2400 Hempstead Turnpike. The attendees can park in the Diamond or Silver lot adjacent to the Arena at 5:00 pm.
- Weather permitting, we will gather outside the BMW entrance adjacent to the diamond lot and enter the building via the main entrance.
- We'll go through our MEP spaces and the arena proper for approximately an hour and a half.
- Note that the photos are only for personal use. Permission required from the UBS Arena management for posting on professional or social sites without permission.
- Next stop after UBS Arena is Trotters Bar & Grill at 1050 Hempstead Turnpike, Franklin Square

CHAPTER MAY NOT ACT FOR SOCIETY

An International Organization

The Long Island Chapter is looking for presenters for the remainder of the year.

Please contact us if you are interested in presenting to our membership.

Long Island Chapter - Past Presidents							
1958	H. Campbell, Jr. PE	1990	Robert Rabell				
1959	Clyde Alston, PE	1991	Gerald Berman				
1960	Sidney Walzer, PE	1992	Donald Stahl				
1961	Sidney Gayle	1993	Ronald Kilcarr				
1962	William Kane	1994	Jerald Griliches				
1963	Louis Bloom	1995	Walter Stark				
1964	Milton Maxwell	1996	Joe Marino				
1965	Will Reichenback	1997	Norm Maxwell, PE				
1966	Joseph Minton, PE	1998	Alan Goerke, PE				
1967	Irwin Miller	1999	Frank Morgigno				
1968	Walter Gilroy	2000	Michael Gerazounis, PE, LEED AP				
1969	Charles Henry	2001	Ray Schmitt				
1970	William Wright	2002	Steven M. Stein, PE				
1971	Louis Lenz	2003	Andrew Braum, PE				
1972	Ronald Levine	2004	Claudio Darras, P.E.				
1973	Henry Schulman	2005	Craig D. Marshall, P.E.				
1974	Myron Goldberg	2006	John Nally				
1975	John N. Haarhaus	2007	Peter Gerazounis, PE, LEED AP				
1976	Richard K. Ennis	2008	Steven Friedman, PE, HFDP, LEED AP				
1977	Kenneth A. Graff	2009	Steven Giammona, P.E., LEED AP				
1978	Evans Lizardos, PE, LEED AP	2010	Nancy Román				
1979	Albert Edelstein	2011	Carolyn Arote				
1980	Ralph Butler	2012	Brian Simkins, LEED AP				
1981	Robert Rose, PE	2013	Andrew Manos, LEED AP BD+C				
1982	Timothy Murphy, PE	2014	Richard L. Rosner, P.E.				
1983	Leon Taub, PE	2015	Thomas J. Fields, P.E., LEED AP				
1984	Raymond Combs	2016	Donald Kane, P.E.				
1985	Edward W. Hoffmann	2017	Andrew Dubel, P.E., LEED AP				
1986	Jerome T. Norris, PE	2018	Richard Halley				
1987	Abe Rubenstein, PE	2019	Frank Paradiso				
1988	Michael O'Rourke	2020	James Hanna				
1989	Mel Deimel						

PAOE POINTS FOR 2021/2022										
Chapter Members	Chapter Operations	СТТС	Communi- cations	GGAC	History	Member- ship	Research Promotion	Student Activities	YEA	Chapter PAOE Totals
282	515	1,400	0	0	295	675	1,140	125	1,775	5,925

Research Promotion

If we knew what we're doing it wouldn't be called research" – Albert Einstein

I would like to thank the companies who have participated in the annual Product Directory of Manufacturers and their Representatives. The product Directory has been prepared as a service to all its members and as a service to the local HVAC industry. It will be made available to all ASHRAE and non-ASHRAE members at no-cost and can be obtained from our monthly meetings or directly from our website.

This year's overall research promotion goal is \$2,593,341 with many research projects on board. Our chapter is expected to raise \$20,400 towards the overall goal. I am hoping that I can count on the continued support of all our past contributors who have generously supported us over the years. I also look forward to gaining the support of new contributors this coming year. Last year we were successful in beating our goal by over \$8,000 and am hopeful that this year we can continuously raise the bar.



Thank you to our contributors:

Individual Companies John D. Nally H2M Architects + Engineers Michael Gerazounis Robert Half Matthew K. Bendix Trane Elizabeth Jedrlinic **SRS** Enterprises Andrew E. Manos Accuspec Matthew Vitrano **Tower Enterprises** Michael Nigro **MV Controls** Murat Bayramoglu Metro Air Products Michael Steven Gerazounis **ADE Group** Richard W. Smith Belimo Aircontrols (USA) Michael H. Razzano Miller Proctor Nickolas James Hanna **Technical Air Systems**

Catan Equipment Sales Rathe Associates Bush Sales

CONTRIBUTIONS CAN BE MADE IN THE FOLLOWING WAYS:

1) You can mail your checks, made out to ASHRAE Research Promotion:

Michael Nigro

Frank Paradiso

Matthew Catan

John C. Cronin, Jr

Donald Kane

ASHRAE Research Promotion Chair

PO BOX 79

Commack, NY 11725

2) You can bring your check to any of the meetings and hand to myself or Elizabeth.

Mitsubishi

Klima

Gil-bar

Victaulic

- 3) You can contribute via PayPal from the ASHRAE LONG ISLAND web site, just click on the donate button.
- 4) You can contribute directly on-line. www.ashrae.org
- * Please make sure you accredit your contribution to the LONG ISLAND CHAPTER 006 *

Thank you again for all of your support!

Michael Nigro Research Promotion Chair



History

Did you know the first annual Golf outing hosted by the long Island chapter was in May 2000. Since then , the long Island Chapter has hosted on every year except for 2020 due to the pandemic. The most recent outing on May 2, 2022 was the 22nd Golf outing hosted by the LI chapter. A huge thank you to Peter Gerazounis for his continued hard work preparing these outings!

Elizabeth Jedrlinic History Chair

Michael Razzano History Co-Chair











CTTC

We are excited to see all our chapter members at UBS Arena technical tour **on May 10th, 2022, Tuesday 4:45 PM** at UBS Arena. The tour by Joseph Flannigan, who serves as Sr. Director, Engineering & Maintenance at UBS Arena. The plan at UBS Arena tour is as follows:

- The arena is at 2400 Hempstead Turnpike. The attendees can park in the Diamond or Silver lot adjacent to the Arena at 4:45 pm.
- Weather permitting, we will gather outside the BMW entrance adjacent to the diamond lot and enter the building via the main entrance.
- We'll go through our MEP spaces and the arena proper for approximately an hour and a half.
- Note that the photos are only for personal use. Permission required from the UBS Arena management for posting on professional or social sites without permission.
- Next stop after UBS Arena is Trotters Bar & Grill at 1050 Hempstead Turnpike, Franklin Square
- · Cheers.



In the meantime, don't forget to follow upcoming events on Long Island Sounder Newsletter and social media link: https://www.linkedin.com/in/ashraeli/

Murat Bayramoglu CTTC Chairman

Thomas DiBenedetto CTTC Co-Chairman

Sports & Sustainability: Behind Allegiant Stadium's Energy-Efficient Building Systems March 23, 2022 Site Staff



Student Activities

Overview

We hope everyone has been having a great year and look forward to seeing everyone at the upcoming meeting. More updates to follow!

1. Joke of the Month: The Engineer





OPTIMIST: The glass is half full.

PESSIMIST: The glass is half empty.

ENGINEER: The glass is twice the required size.

2. Winning Zone | For Student Competition Information:

2022 Design Competition

The 2022 student competition focuses on a new performing arts building on a university campus located in Sydney, New South Wales, Australia. ASHRAE sponsors these competitions to encourage students to become involved in a profession that is crucial to ensuring a sustainable future for our Earth – the design of energy-efficient HVAC systems.

Link: https://www.ashrae.org/communities/student-zone/competitions/2022-design-competition

2022 Applied Engineering Challenge

As the global pandemic rages on, the need for climate-controlled transport containers for vaccine delivery has become a top priority. The 2022 Setty Family Foundation Applied Engineering Challenge (AEC) is focused on designing an ultracold refrigeration system that is capable of being transported to all global locations.

Link: https://www.ashrae.org/communities/student-zone/competitions/2022-applied-engineering-challenge

Student Activities

2022 Building EQ (Building Energy Quotient) Competition

The Student Activities Committee and Building EQ Committee have collaborated to create a new Building EQ competition. Students will have the opportunity to work evaluate and audit building energy consumption for buildings in operation to give the building a Building EQ score using the ASHRAE Building EQ online tools.

Link: https://www.ashrae.org/communities/student-zone/competitions/2022-building-eq-building-energy-quotient-competition

Solar Decathlon

The Solar Decathlon is a collegiate competition that challenges student teams to design and build highly efficient and innovative buildings powered by renewable energy. The combined competition features two tracks, the Design Challenge and the Build Challenge.

Link: https://www.ashrae.org/communities/student-zone/competitions/solar-decathlon-competition

Please reach out for more information If you are interested in participating of any of the above competitions!

Matthew K. Catan Student Activities Chairman

Grassroots Government Activities Committee (GGAC)

NY S. 7176 and A. 8143 Updates:

"Advanced Building Codes, Appliance and Equipment Efficiency Standards act of 2022" has passed both the Assembly and Senate. This bill clears a direct path for NY State to elevate the base State Energy Code to the highest in the nation and would take effect immediately once signed into law (or after 180 days of the State registrar receiving the updated ASHRAE Standard). This is a big moment for NY as the State will step squarely into the lead nationwide on energy efficiency and decarbonization. The bill is being reconciled and will then go to the Governor for signature.



James Hanna Membership Promotion Chair

Rich Smith Membership Promotion Co-Chair

Membership

The HVAC business is hiring & opportunities are abundant! Over the past few months, multiple businesses dealing with various aspects of the HVAC industry have asked if the Long Island Chapter could help them find good people to help their businesses grow. This is proof your employer's value your ASHRAE membership! Our members demonstrate a genuine interest in their continued personal and professional development along with a willingness to learn. Quite simply, our members go above and beyond to contribute meaningfully to the HVAC community. Our membership remains strong, and the networking opportunities grow stronger every day.

With graduation right around the corner, it's an excellent time to be a student member of ASHRAE. Unfortunately, these opened doors will close if you allow your membership to lapse. Renewing is easy at www.ashrae.org. Just log in and click "renew!" If you are currently enjoying a student membership, this is the perfect time to check out our SmartStart program. This program allows you to benefit from ASHRAE membership for years at a deeply discounted price.

As mentioned in previous month's Membership articles, we still have a "Membership Battle" going on! This is based on your percentage growth at the end of the year. The three (3) categories are:

- Small Firms 15 employees of less
- Medium Firms 16 to 50 employees
- Large Firms over 51 employees

Currently, we have the following companies enrolled in their respective categories:

- Small Firms 15 employees of less Stony Brook Engineering
- Medium Firms 16 to 50 employees

Rathe Associates

Klima NY

Large Firms - over 51 employees

H₂M

MG Engineering

Trane

If you would like to enroll your company into the "Membership Battle," please contact me and ask your colleagues to update their profile information & RESPECTIVE EMPLOYER.

In the end, we'd like to thank our new members who have considered the benefits of membership and who have decided to join our community. With the continued growth, the Long Island chapter grew in April by three (3) members. Our new members continue to offer a varied skill set that makes them valuable additions to our community. LONG ISLAND WELCOMES YOU!

I would like to informally welcome our new members this month:

- 1. Jose Martinez
- 2. Zachary Tarab
- 3. Thomas Stefanowski

Looking forward to another great month and thank you in advance for your support, time & guidance.

Michael H. Razzano Membership Promotion Chair

Richard Smith Membership Promotion Co-Chair

ASHRAE CERTIFICATIONS

Certification



ASHRAE, accredited by ANSI under ISO/IEC 17024 for the High-Performance Building Design Professional (HBDP) program, has certified more than 2,000 Built Environmental Professionals.

Energy Assessment

Energy Modeling

Commissioning

Healthcare Facility Design

High-Performance Building Design

Building Operations

ASHRAE certification programs:

- Are developed by industry practitioners who understand the knowledge and experience that are expected for superior building design and system operation
- Assure employers and clients of subject mastery
- · Serve as a springboard for continued professional development
- · Offer an easy-to-apply process

FOR MORE INFORMATION GO TO - https://www.ashrae.org/education--certification/certification

Join ASHRAE on Social Media!



Follow **ASHRAE on Twitter @ashraenews** for up-to-date news, events, and articles about HVAC&R. Search **#MyASHRAE** on Twitter to see member photos from around the world.

Follow us on Twitter



Most Popular Tweets

Does It Cost More To Build Green? Benefits include reduced operating costs & construction waste.

Online Thermal Comfort Compliance Tool Included In New ASHRAE User's Manual.

87% of households in the US have #AC, 5% do in India. India's tough choice on air-conditioning and climate.



The November issue of the Journal is tested for binding strength to see how many times a page can be turned before the binding would fail.

Harvard & SUNY Upstate Medical University find that workers are healthier and happier in certified green buildings.

ASHRAE Standard 90.1 has been redefining energy savings since 1975. A new version is available now.

Adapting historical buildings for sustainable reuse.



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AN AD OR BUSINESS CARD LISTING IS A GREAT WAY TO GET YOUR COMPANY'S NAME IN FRONT OF THE HUNDREDS OF LI CHAPTER MEMEBERS, AND TO HELP SUPPORT THE CHAPTER'S ACTIVITIES.

If you would like to place an advertisement in the Long Island Sounder, please contact our Chapter Financial Secretary by email at finsec@ashraeli.org for further details. Thank you.

Rates (includes all issues September-June):

Business Card \$200 Half Page \$500 Triple Size \$350 Full Page \$800

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