New Website Launched!

The ASHRAE NYC board is excited to announce the launch of our new website platform. The team made extensive efforts this summer to revamp the website use for our members, www.ashraeny.org The board encourages you to direct any feedback or questions you may have to: reception@ashraeny.org

President's Report

I am amazed how fast this year has been going, the holiday season is almost upon us! The November meeting is our last official meeting in 2016. Consequently, I wanted to take this opportunity to thank all of you for being a part of the ASHRAE family of colleagues and friends, and wish each and everyone one of you a safe, joyous and relaxing holiday season with your family and friends.

For those who are not aware, every month the Board of Directors meets prior to the dinner meeting. This is an open door meeting and all are welcome to participate in this discussion. This is where the business of your Chapter is conducted. You have an opportunity to hear, first-hand, the debate over the issues that affect our operations.

Hao Lou Hilton programs chair scheduling our first breakfast meeting of the year. The topic, “How Building Service Engineers Can Save the Civilization”. Buildingservice engineers are the people who can save civilization from the threat of climate change by working with policy makers and the public to champion sustainability which will be presented by Fiona Cousins.

Also, we have our first happy hour of the year from our Women in Engineering (WiE) committee lead by Lindy Hao, in substitution of our chair Michelle DeCarlo leave. We wish the best to Michelle and her family.

Our November meeting is about Modern Absorption System Applications for Both Cooling & Heating, where cooling and heating can be separately or simultaneously operated, achieving great system COP.

Hope to see you all at the meeting to share the latest technology in absorption of chiller/heating.

Jose R Rodriguez, P. Eng.
ASHRAE NY Chapter President 2016-2017

ASHRAE REACH AT LORING
ASHRAE Reach Employer Support Program at Loring Consulting Engineers
By, Jose R. Rodriguez, P. Eng.
NY Chapter President, 2016-2017

After following the ASHRAE strategic plan for this year, under the leadership of Tim Wentz we are taking advantage of our society president’s visit to our chapter in October 25th, 2016.

Tim and I teamed up to conduct our first ASHRAE Reach Employer Support Program at Loring Consulting Engineers in New York City. The idea behind this meeting was to let them know what the major benefits are to being an ASHRAE member and chapter sponsor.

As a chapter president, I highlighted the events and activities that our chapter is conducting during this year with special major focus on the student activities, YEA networking and our community projects, we have made a partnership with Habitat for the Humanity in New York City.

As society president, Tim addresses the direction of the ASHRAE research investment as well as the advance research done on the future refrigerant.

A group of the young engineers were present, we asked them for the major reason to not be involved in the ASHRAE community. We got the same answer from all of them, “No time”.

As chapter president, I shall end by saying, although we are extremely busy, ASHRAE is an important part of our business and is worth a little extra time.

Article of the Month
Please congratulate our chapter president Jose Rodriguez for his successful article publication in the ASHRAE Journal this November. Jose Rodriguez, P.Eng., is a technical service engineer at Wallace Eannace Associates, Inc., in Franklin Lakes, N.J.

The article is titled “Lessons Learned from Central Heating Plant Upgrade”.

Here is an excerpt from the article:

As part of Shippensburg University’s sustainability plan, its existing 60-year-old central coal-fired heating plant generating 70,000 lb/h (19 900 kW) of steam at peak demand was replaced with a new decentralized hot water heating system. A prior study with four potential configurations for the utility system was conducted. Technical and economic analyses, qualitative advantages and disadvantages were compared.

Please click here to read the full article

Dinner Meeting
Date: November 15, 2016
Time: 5:00 PM - 8:00 PM
Location: Club 101, Park Avenue @ 40th Street
Cost: $35 for ASHRAE Members, $40 for non-members
Credits: 1 PDH
Topic: Modern Absorption Systems Applications for both Cooling & Heating

Learning Objectives:
1) The Absorption Cycle
2) Types of Absorbers
3) “CCHP” integration for “Big Box”
4) “CHP” or Cogen sizing suggestions & rules of thumb

Outline/Agenda:
- Absorption Cycle & Types
- Big Box Retail Store Summary
- CCHP “aka” CHP or Cogen design summary

Speaker:

Doug Davis is a graduate Engineer from Purdue University. Doug has been involved in the design, sales and installation of over 100,000 tons of commercial of America, Korea, Russia and numerous CCHP projects throughout North America. Doug has throughout his career been well versed and an educator on the issue starting in the early 1990s:CFCs, HCFCs and HFCs and natural refrigerant R-718 . Positions held include Sales Engineer and Account Executive for the Manager of Engineering Sales with McQuay International-Daikin in New York City. Doug worked for Columbia University where he was responsible for the insta Absorption plants on the Medical School Campus. Doug is currently a Director at Broad U.S.A. is a global manufacturer of Absorption Chillers and Sustainable member of ASHRAE Technical Committee 8.3 ABSORPTION AND HEAT OPERATED MACHINES as well a new member chair of the CHP association based

Click here for more information and to register

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WIE: Women In Engineering

ASHRAE Women in Engineering is pleased to invite you to enjoy an informal evening in NYC's bustling Union Square to meet with friends and to make new fri

Date: Wednesday, November 9th
Time: 6:00 pm - 8:00 pm
Location
The Back Room at The Winslow
243 E. 14th Street, New York, NY 10003

Agenda
6:00-6:30 Check-in
6:00-8:00 Eat and Drink!
Food provided by ASHRAE WiE.
Happy Hour drink specials (not included) are available until 7:00pm.

Admission Cost
$10 for ASHRAE Members
$15 for Non-ASHRAE Members
(must register in advance, tickets will NOT be available at the door)

Please click here to register

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YEA Updates

YEA Chair: Tony Tsang
YEA will be hosting a joint Ping Pong event with ASPE

Date: Thursday, November 10th
Time: 6:00PM - 9:00 PM
Location: Fat Cat - 75 Christopher Street, N.Y. 10014
Description: Drinks and pizza will be provided. Space is limited!

Please click here for more information and to register

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Tours
Date: Thursday December 8th 2016

Time:
3:00 – 3:15 PM: Gathering and Greeting
3:15 – 3:30 PM: Systems Overview
  MEP Highlights
  Lessons Learned
3:30 – 4:30 PM: Job Site Tour

Location:
Bank of America Tower Lobby
One Bryant Park
New York, NY 10036

Cost: Free

Limited Tickets. Please contact Brian Marman (brian.marman@lendlease.com) to reserve a spot.

Description: The 2.35 million square foot, 51-story office tower was completed in 2010. Setting a new standard in sustainable commercial construction, this tower was the first skyscraper in North America to achieve LEED Platinum and ranks among the most environmentally advanced skyscrapers in the world. Building features include:
- an urban garden room,
- a 4.6 megawatt combined heat and power plant,
- an ice cooling system,
- a building-wide water reclamation system,
- green roofs that utilize compost from tenant cafeteria waste,
- state-of-the-art advanced air filtration for exceptional indoor air quality,
- destination dispatch elevator control,
- and dedicated backup emergency generators.

PLEASE NOTE: All attendees are required to have proper footwear to walk the site. Shoes/boots do not necessarily have to be construction boots, but should have a leather top with a rubber sole at a minimum. Attendees should also bring their own hard hats, reflective vests, and protective eyewear.

Refrigeration Committee

The ASHRAE Refrigeration Committee is pleased to announce a re-invigorated leadership team and events schedule for calendar year 2017. The committee is co-chaired by Meraj Ramnarine of TCI College and Ed Bricker of The Durst Organization, with support from Matt Piscopo of Johnson Controls.

With a focus on providing news, community integration, and continuing education to engineers, contractors, and operators within the NYC region, the committee will be providing regular updates to the ASHRAE NYC Newsletter on topics including regulatory trends, refrigerant phaseouts and efficiency regulations, as well as providing co-events to bring together engineers, contractors, manufacturers, and operations staff. To supplement the educational goals of the chapter, the refrigeration committee will be planning PDH sessions throughout the calendar year.

The refrigeration committee is seeking new members! At the core of any strong organization is a strong core of dedicated and motivated people willing to brain and execute ideas, events, and strategies!
Please reach out to Meraj, Ed, and Matt if you’re interested in participating in the committees activities! ramnar10519@yahoo.com, ebricker@durst.org, matt.piscopo@jci.com

Tour Wrap Up

Thank you to 56 Leonard Team!

On October 20, 2016, ASHRAE members were invited to tour the 56 Leonard Street building located in downtown Manhattan. Guests were treated to view a new full chiller and boiler plant which serve the uniquely shaped residential high rise. Also included in the tour were both spaces under construction (including the penthouse) as well as a finished model apartment.

ASHRAE would like to especially thank the following people who helped put the tour together and guide our group through the systems:

Benjamin Rodney - Hines (Owner's Representative)
Elizabeth Darby - Hines (Owner's Representative)
Mike Antonoff - R&S United (Mechanical Contractor)
Rich Samuelson - LendLease (Construction Manager - Superintendent)
Abraham Pitsirilos - LendLease (Construction Manager - Senior Vice President)
On October 26th, ASHRAE and 11 of our partners participated in our 3rd annual build day with Habitat for Humanity at their latest development, the Dean Street Rowhouse Brooklyn. Twenty seven of us along with volunteers from Americorp and Habitat's staff installed framing for walls and ceilings in 4 of the 15 units in the development.

Once again, Habitat was extremely thankful to have a team of engineers who are actively involved in the world of construction available to volunteer. While we've helped Habitat in many ways over the last 3 years, the build day is arguably the most rewarding.

The homes we contributed to, when complete, will provide affordable housing for an average of $200,000 per home, helping families afford a home for the first time. Among other qualifications, each family is required to put in ‘sweat equity’, working alongside the volunteers to build the homes for themselves and their neighbors. We were fortunate to have one of these new homeowners working alongside us.

I'd like to thank our sponsors and volunteers who helped raise over $15,000 for Habitat and participate in the build. JB&B, Hines, Loring, Johnson Controls, MI Fulcrum Group, Gill Bar, Federal Pump, Schneider Electric, Trane and a personal donor Adele Bootan.
We look forward to the next build day, possibly this spring! Keep an eye out!

Winter Conference

The Conference dates are Jan. 28-Feb. 1 at Caesars Palace with the Expo being held Jan. 30-Feb. 1 at the Las Vegas Convention Center. The two events are expected to draw thousands of industry professionals from around the world, drawing on the record-breaking attendance from the 2011 Conference and Expo held in Las Vegas.

To register for the Conference, which includes free access to the Expo, visit www.ashrae.org/lasvegas.

Technology Awards

ASHRAE New York Chapter invites members to submit a recent project for possible New York Chapter / Regional Technology Award. The submitted project should have been completed / occupied prior to September 2017. The owner of a particular project should be aware that his/her building is entered for a Technology Award. Please submit the application.