



## In this issue

- [New Website Launched!](#)
- [President's Report](#)
- [Breakfast Meeting](#)
- [Dinner Meeting](#)
- [Tours](#)
- [Career Fair](#)
- [WIE: Women In Engineering](#)
- [Healthcare All-Day Seminar](#)
- [Interview with Joe Azara](#)
- [2017 Gala](#)
- [Refrigeration Committee Event Recap](#)
- [Student Activities](#)
- [Chapter Video](#)
- [HVCC TEC-SMART Training](#)
- [ASHRAE Courses & Certifications](#)
- [Technology Awards](#)

## Sponsors



## 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](http://www.ashraeny.org) The board encourages you to direct any feedback or questions you may have to: [reception@ashraeny.org](mailto:reception@ashraeny.org)

[Back to top](#)

## President's Report



Hello friends and ASHRAE members.

I hope some of you had the chance to make it to the winter conference and expo in Las Vegas. As usual there were many seminars, work in committees and a continue the grow of our HVAC industry and leadership of ASHRAE.

Also, I would like to remind our members of the importance of the ASHRAE technology award application for your company, where your project will have the top advertisement both nationally and internationally. We are looking forward to your submissions by March 1, 2017.

Last month's meeting was a great turn one, more than 160 people attended the meeting, presented by two young and visionary engineers: Antony Montalto Jr., Wieman, from Trane companies.

Coming up this month we have several exciting things that will happen in our chapter, we have our second breakfast meeting this year and the topic will be Ret Process presented by Jim Mascaro from MBP, followed by our monthly dinner meeting where Bill Artis from Daikin Applied is going to present Variable Refriger

As usual, a quick reminder to our friends and members I know that we are extremely busy, but ASHRAE is an important part of our business and it is worth a lit month.

Jose R. Rodriguez, P.Eng.

ASHRAE, NY Chapter, President 2016-2017

[Back to top](#)

## Breakfast Meeting

**Date:** February 22, 2017

**Time:** 8:00 AM - 10:00 AM

**Location:** Club 101, Park Avenue @ 40th Street

**Cost:** \$35 for ASHRAE Members, \$40 for non-members

**Credits:** 1 PDH

**Topic:** Retro-Commissioning Process

**Speakers:**



Jim Mascaro PE, CCP has more than 36 years of experience in the construction industry working as a commissioning authority and construction manager for e commercial, institutional, and high-tech communications facilities. He is also a mechanical engineer who has designed heating and air conditioning systems for



rooms, computer facilities, research facilities, industrial facilities, nursing homes, office buildings, recreation centers, schools, and university buildings. As Vice I Commissioning Services, Mr. Mascaro oversees MBP's Commissioning Services Team.

The purpose of this training session is provide an understanding of the retro-commissioning process:

- Describe the Retro-Commissioning (RCx) process
- Discuss some of the benefits of the RCx process
- Discuss stumbling blocks to advancing "Green Thinking"

Meeting agenda:

- 8:00 AM – 9:00 AM Check-in and breakfast
- 9:00 AM – 10: 00 AM Presentation

[Back to top](#)

### Dinner Meeting

**Date:** February 28, 2017

**Time:** 5:30 PM - 7:30 PM

**Location:** Club 101, Park Avenue @ 40th Street

**Cost:** \$35 for ASHRAE Members, \$40 for non-members

**Credits:** 2 PDH

**Topic:** Variable Refrigerant Flow Systems 101

**Speakers:**



Bill Artis is a Consulting Sales Engineer for Daikin New York, Long Island Chapter Secretary and Chair for the Membership Promotion and Refrigeration commi Programs Chair of TC-9.8 (Large Building AC Applications), and Voting Member and Programs Chair of TC-8.7 (VRF). Bill's previous experience includes roles project engineer, field engineer, and mechanical contractor.

Professionally, Bill provides advanced applications engineering support for design engineers, as well on field quality control support during projects; he has also articles on the subjects of VRF system design and commissioning.

Learning Objectives/Agenda:

1. Review System Types and Architecture
2. Describe Basic Sequence of Operations
3. Discuss design and application considerations for equipment, refrigerant piping, and airside design
4. Review Applicable Codes and Standards
5. Discuss the Introduction to Technical Committees, and Standards and Guidelines Involvement
6. Question and Answer

[Back to top](#)

### Tours



## Photo Gallery

Would you like to see the images from our last meeting?



## Contact Us

Attn: Gene Geyer  
c/o Dolphin Equipment  
629 5th Avenue, #113  
Pelham, NY 10803



## ASHRAE TOURS: NYU LANGONE MEDICAL CENTER ENERGY BUILDING



**Date:** March 9, 2017

**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:**

NYU Langone Medical Center Main Lobby  
(Skirball Building)  
550 1<sup>st</sup> Avenue  
New York, NY 10016

**Cost:** Free

Participation is limited. Please contact Brian Marman ([brian.marman@lendlease.com](mailto:brian.marman@lendlease.com)) to reserve a spot.

**Description:** The Energy Building is the centerpiece of NYU Langone Medical Center's plan to become a resilient and reliable medical center and a leader in sustainability by reducing its contribution to global warming as a result of clean and efficient energy use. The heart of the state-of-the-art facility is an 11-megawatt cogeneration, combined cycle plant. It includes a dual-fuel fired turbine (using natural gas normally, and diesel oil as a backup) that produces 8 megawatts of power. The waste heat from the gas turbine then enters a heat recovery steam generator (HRSG), which produces about 130,000 pounds of steam per hour. This steam powers a steam turbine generator, creating an additional 3 megawatts of power.

**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, ear protection, and protective eyewear.



Career Fair



*1st Annual*

# CAREER FAIR

---

ALUMNI, STUDENTS, & COMMUNITY

**MAR. 15** 10A.M. – 3P.M.  
**FASHION INSTITUTE OF TECHNOLOGY**  
 227 W 27<sup>th</sup> STREET, NEW YORK, N.Y. 10001  
**@ JOHN E. REEVES GREAT HALL**

---

- The career fair is FREE and open to the community.
- Please come prepared with résumés and dressed professionally.
- Candidates from the BUILDING INDUSTRY with entry level experience are encouraged to attend.
- Companies will be looking to fill full-time positions.

---

**HOSTED BY:**  
**ASHRAE NEW YORK**

Job seekers should register online at [www.ASHRAENY.org](http://www.ASHRAENY.org)  
 Click on *Career Fair* in the QUICK LINKS

Employers can contact Tony Tsang at [TonyT@Federalpumps.com](mailto:TonyT@Federalpumps.com) for registration information



[Back to top](#)

## WIE: Women In Engineering

ASHRAE Women in Engineering Presents an Industry Panel: WIE Young Leaders

**Date & Time:** March 23, 2017, 5:30pm - 8pm

**Location:** ARUP Office: 77 Water St, New York, NY 10005

**Admission Cost:**

\$15 for ASHRAE Members

\$20 for Non-ASHRAE Members  
 (must register in advance, tickets will NOT be available at the door)

[Back to top](#)

## Healthcare All-Day Seminar

**Date:** March 30<sup>th</sup>, 2017

**Time:** 8AM - 6PM

**Location:** Con Edison Headquarters located at 4 Irving Place, New York, NY

This year's ASHRAE NYC's All-day Seminar will be focused on Healthcare. The event is targeted to healthcare design engineers, facility managers, healthcare commissioning agents, etc. The event will be held in March 30<sup>th</sup> from 8am-6pm at 4 Irving Place. There will be a total of 6 speakers throughout the day with refreshments, an included lunch in the middle of the day and a networking opportunity at the end of the seminar. There will be 4-6 PDH credits available for this event information on the speakers to follow. The event will be \$95 for ASHRAE members and \$125 for nonmembers. Please reach out to [alldayseminar@ashraeny.org](mailto:alldayseminar@ashraeny.org) for information or if you or your company is interested in attending or sponsoring the event.

[Back to top](#)

## Interview with Joe Azara

*Interview by Brian Borghoff*



Q: Would you give a brief biographical sketch of your life?

A. My dad started the company (CDE) in 1930. When I was growing up, days off and vacations I would come into the office. It was on 10th avenue and 60th str time. I would help out sweeping the floors, stocking items and learn what things were. I attended Brooklyn Tech High School. I would take the train back after cl office on drafting projects. There were a number of great salespeople and subcontractors that came into the office. One contractor when he saw me on the dral always show me a better way to do it.

B. I worked as a test engineer for Pratt & Whitney after College. I worked on the low pressure compressor section of the engine. It was our job to build our secti an extremely interesting job. I worked on engines for the F-111 and Boeing 747.

Q: What attracted you to engineering and the HVAC industry?

A. After Pratt and Whitney, I went to back to work at CDE. We do mostly government work. I like it because they have a lot of money, and can try things that ot get to see a lot of interesting projects. We started working with electronic controls back in the 60's and early 70's. They were a marvel. We work on schools, po courthouses, libraries. It's very interesting because they are so different.

Q: What was your first job in the HVAC industry and where did it lead?

A. I was involved in the estimating and engineering. At that time, we did a lot of controls on our own. I would design a lot of the controls. I advanced to supervis managers.

Q: Describe the industry at that time. What were the challenges that you and your colleagues were facing?

A. The company has grown tremendously. We have had some challenges. During a recession, the first thing that government will cut is new construction and tf happened in the early 70's and as recently as 2008. Fortunately, in 2008 we had a tremendous backlog of work. By the time 2014 came around the recession ii and we were able to get new work. The challenges as a boss, are to always figure how to keep everyone busy, and keep your company profitable. That's my g

Q: How and when did you get started in ASHRAE?

A. My dad was involved in ASHRAE. He was President of the Air Conditioning Guild, which was a group taken in by ASHRAE in the 50's. So, I of course joined attended meetings in the beginning. One day, my dad got a call from Walter Bishop. He was one of the mainstays of the chapter, and my dad was very friendly I would join the board. That of course meant, I would have to attend the meetings. That was in 1972, and I think I've missed only about 10 meetings in the past

Q: What was your ASHRAE chapter, regional and Society experience?

A. I joined the board in 1972. I was president 88-89. and ran many committees. I ran 2 CRC's. I was on the committee for 2 semi-annual meetings held in New General Chairman of the meeting held in 2008. All my involvement was on the local level.

Q: What do you consider to be the major accomplishments during your time with ASHRAE?

A. Bringing new people into the field, and getting them interested. I'm only here for so long, before the next generation must takeover. They need to be introduc properly and shown what it offers to them so they can get involved and takeover.

Q: What advice would you give to a young person entering the HVAC field?

A. Be a sponge, learn as much as you can. This field is very diversified. It involves, not just mechanical but also electrical. If you are a contractor, you also get i work, construction and everything else, the whole package. Take advantage of the people that have experience, and don't be afraid to ask questions.

Q: What other interests and/or hobbies do you have?

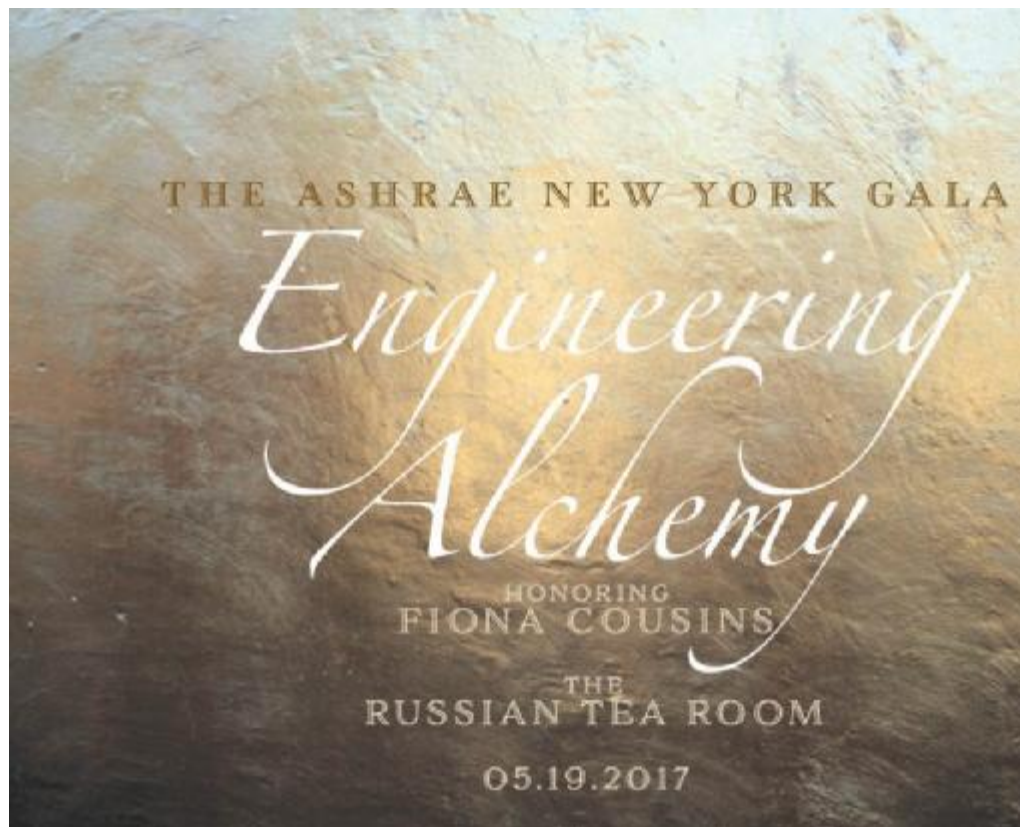
A. I like to travel to anywhere I haven't been. This year we are travelling to Cuba and Russia. My favorite places are Africa and the South Pacific.

Q: Any other comments you would like to make?

A. I'm glad someone has revived the historical interviews.

[Back to top](#)

[2017 Gala](#)



[Back to top](#)

#### Refrigeration Committee Event Recap



In mid-January ASHRAE NY's Refrigeration Committee brought together 60 high level operations staff, engineers, contractors, and commissioning agents repr total years of design, construction, and operations experience. The group met for a round table discussion regarding the gaps, shortcomings, and opportunities exist in the integration process between the various trades and functional areas in HVAC construction, retrofit and operations projects.

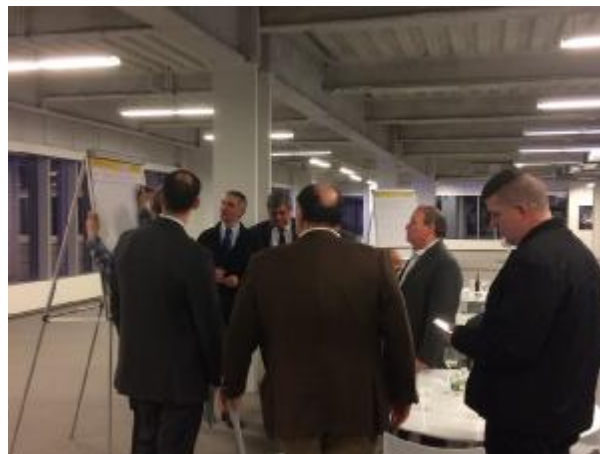




These groups were split across 10 tables and discussed 5 topics including controls, training, construction operations, and communication between the design a



After hours of debate and deliberation, the group summarized its findings, illustrating common threads for the needs of operations staff involvement, clearer cor the need for designers to consider varying load profiles.



The Refrigeration Committee will be hosting a panel discussion and presentation in the coming months to bring these findings back to the larger ASHRAE com out in the upcoming newsletters!

[Back to top](#)

### Student Activities

#### A Message from the Student Activities Committee

Thank you to the students who attended the January monthly dinner meeting. I hope it was educational and you were able to find good networking opportunitie

The ASHRAE Winter Conference in Las Vegas has now concluded. I'm sure those students who attended found the programs useful and the experience one of a lifetime.

Congratulations to Karolina Czerwinski and Mohammad Farooq of CCNY on being awarded ASHRAE Society Scholarships! Way to go Karolina and Mohammed

I would like to remind everyone of the first annual Career Fair for students, alumni and community. It will be held at FIT on March 15th from 10:00 -3:00. Details ASHRAE NY Chapter website [here](#). This is a great opportunity for employers and students alike. Please register as quickly as possible as this is gearing up to

#### Looking for interns?

What better place to hire an intern than from one of the Student Branches where you will find dedicated students who are anxious to learn and show you their a contact me and let's get the students working!

Remember, it is the students that are our future. We must do everything possible to educate them and help them grow in the HVAC&R industry.

You can contact me at (516) 756-1708 or at [mcastell@riversidehydronics.com](mailto:mcastell@riversidehydronics.com) if you need further information or have any questions.

Respectfully,

Mitchell Castell Mitchell Castell - Student Activities Chair

[Back to top](#)

### Chapter Video

ASHRAE has released a video which features photos from 100+ Chapters. It includes photos from our Habitat for Humanity build day and from one of our chap

See if you can spot these two photos from the NY Chapter.



[Check it out here!](#)

[Back to top](#)

### HVCC TEC-SMART Training

NYSERDA will be having a Hydronics for High Efficiency Biomass Boilers Training on Thursday, March 30, 2017 at HVCC TEC-SMART in Malta, NY.



Please see [this flyer](#) for more information.

[Back to top](#)

### ASHRAE Courses & Certifications

Please see [this flyer](#) for information on available ASHRAE Learning Institute Classes.

Please see [this flyer](#) for information on pursuing an ASHRAE Certification.

[Back to top](#)

### Technology Awards

ASHRAE New York Chapter invites members to submit a recent project for possible New York Chapter / Regional Technology Award. The submitted project sh 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. Ple the application.

[Back to top](#)