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Upcoming events:

March 09, 2016...............................ASHRAE CNY Chapter Monthly Meeting
March 30, 2016...........................Re-scheduled ASHRAE CNY Chapter Monthly Meeting
April 02, 2016..............................YEA Event—Syracuse Lacrosse Event
April 13, 2016..............................ASHRAE CNY Chapter Monthly Meeting

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The President’s Message

The 2015-2016 Chapter year continues to be an exciting and busy one for our chapter. For those who weren’t aware, we had to reschedule our January 2016 Monthly meeting until February 3 due to severe weather. The meeting was a rousing and very interesting presentation by Dick Lord from Carrier about the status of energy efficiency codes in our country. The presentation was very interesting and well attended (over 50 people!). A copy of the presentation may be found here. Our chapter would like to thank Carrier for their generous sponsorship of this event.

Unfortunately, that wouldn’t be the last weather delay we experienced. Just seven days later we had to reschedule our next meeting (originally scheduled for February 10th), a tour of Intertek in Cortland. That meeting has been rescheduled until Wednesday, March 30, 2016. You can find out more on our website.

Our next meeting is scheduled for Wednesday March 9, 2016. Professor Khalifa from SU will be speaking about Personal Environmental Control Systems (PECS). It will be at Syracuse University and is being held in conjunction with our student chapter. We’d encourage all members to attend to help build relationships with our student chapter. Additional information, including parking information, can be found on our website.

There’s a lot more in store in the coming months, including a chance to visit the Carrier Box at an SU Lacrosse game, a Anheuser Busch Brewery Tour (with samples!), and a chance to meet the President of ASHRAE at our 75th Anniversary Celebration.

I’m also thrilled to announce that we have set pricing for our special 75th anniversary clambake. This year we will be selling clambake tickets for only $45 ($46 with Paypal) each. This represents a loss for our chapter, but we want everyone to come out for our 75th anniversary! There will be more prizes, more people, and more fun than ever. Put quite simply, this may be the best clambake we’ve ever had. Block out your calendar for Thursday, June 9, 2016. Registration for our clambake at the special low price of $45 per ticket ($46 with Paypal) will open on May 1. You can find a flyer at the end of this publication.

Finally, I’m pleased to announce that our nominating committee and President-Elect Mark Yonnick met and approved our Slate of Officers for the 2016-2017 Society year. While I will be sad to be leaving as president, I’m really impressed with the caliber of team Mark has selected. You can find the Slate of Officers later on in this publication. If you’d like to participate in the board, please reach out to Mark or myself.

On behalf of the Central NY Chapter, thank you for your support of our Chapter and thank you for reading our newsletter.

~Richard Kimball, PE, LEED AP BD+C
President, ASHRAE Central NY Chapter
March 2016

Chapter Officers

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Email: rkimball@gbci.org

President Elect - Mark Yonnick
Tel: (315) 414-1211
Email: mark.yonnick@fwwebb.com

Vice President & Program Chair - Chonghui Liu
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Email: Chonghui.liu@obg.com

Secretary - Jim Hart
Tel: (315) 455-2000
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Treasurer - Charlie Bertuch
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Chapter Technology Transfer Chair - Nathan Fox
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Tel: (315) 432-7878
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Past President - Charlie Bertuch
Tel: (315) 422-5200
Email: cbertuch@bergmannpc.com

2016-2017 Slate Of Officers

*Mark Yonnick (President), note that this position is not elected in the current year

*Steve Sill (President Elect)

*Steve Sill (VP & Program Chair)

*Geoff Sincavage (Treasurer)

*Jim Hart (Secretary)

For additional information, please contact
Mark Yonnick at mark.yonnick@fwwebb.com

CPMP ANNOUNCEMENT: Edick Recognized

ASHRAE’s Commissioning Process Management Professional (CPMP) certification helps building owners, developers and others identify professionals who have demonstrated their ability to develop and manage the whole building commissioning process.

Congratulations to James Edick CPMP, from our own chapter!

~Chonghui Liu, Vice President & Program Chair
March 09, 2016 - ASHRAE CNY Chapter Monthly Meeting:
Time: 6:00 pm - 8:00 pm
Location: SU Campus
Presenter: H Ezzat Khalifa (SU)
Program: Back to Basics
ASHRAE CNY Student Activity Night with SU Student Chapter
SU Undergraduate and Graduate Student Presentations
PDH: (1 PDH)
Reservations: RSVP via our website http://ashraecny.org/events

March 30, 2016 - Re-scheduled February Monthly Meeting:
Time: 6:00 pm - 8:00 pm
Location: Intertek (3933 US Route 11, Cortland, NY 13045)
Presenter: Intertek (Byron)
Program: Presentation and Tour
Joint meeting with ASHRAE Twin Tier Chapter (Trane Sponsorship)
Reservations: RSVP via our website http://ashraecny.org/events

April 02, 2016 - YEA Event—Syracuse Lacrosse Game:
Time: 5:00 pm
Location: Carrier Dome (900 Irving Ave, Syracuse, NY 13244)
Program: Syracuse vs. Norte Dame Men’s Lacrosse Game
Reservations: RSVP via our website http://ashraecny.org/events

April 13, 2016 - ASHRAE CNY Chapter Monthly Meeting:
Time: 6:00 pm - 8:00 pm
Location: Anheuser Busch Budweiser Brewery
Presenter: Elmer Ryan
Program: Tour
ASHRAE CNY YEA event followed by the brewery tour

April 21, 2016 - Making Net Zero Net Positive Webcast:
Time: 1:00 pm - 4:00 pm
Location: www.ashrae.org/webcast

May 13, 2016 - ASHRAE CNY Chapter Monthly Meeting:
Time: 6:00 pm - 8:00 pm
Location: DoubleTree Hotel Carrier Circle (6301 State Route 298, East Syracuse, NY, 13057)
Presenter: ASHRAE President Underwood
Program: President Night (Free for all past presidents)
CNY Chapter 75th Anniversary Celebration

June 09, 2016 - ASHRAE Annual Clambake:
Time: 4:00 pm - 8:00 pm
Location: Hinderwadel’s Grove (North Syracuse)
A NOTE FROM THE TREASURER

This January, the Chapter donated the proceeds ($5,521) from the 2015 golf tournament and clambake raffle/50-50 to ASHRAE Research Promotion. Meeting revenue for the year is just about break even. Due to the weather, the February meeting was cancelled; Carrier graciously covered all costs for the History Night meeting; and the December meeting proceeds were very close to expenses, even though we did not meet the minimum number of attendees and paid for a few unused meals. We have transferred the CRC Community Enrichment balance ($18,000) to the Chapter Morgan Stanley account, to be held there until the Chapter decides on how to use these funds. Also, per our agreement with Region I, we sent the Region $5,000 from the CRC surplus.

~Charlie Bertuch, Chapter Treasurer
The Young Engineers in ASHRAE (YEA) event will feature a Syracuse University Men’s Lacrosse game against Notre Dame. Come watch the top ranked teams! The event will take place in the Carrier Corporation Box, located at Suite 229. Food and drinks will be provided. Guest will need to purchase tickets into the game, independently. Please follow the reservation instructions below.

Reservation Instructions:

· Register for the event on the CNY ASHRAE website by March 25th.
· Purchase general admissions tickets to the game at the Carrier Dome Box Office the day of the event or in advance on ticketmaster.com ($10)
· Proceed to Gate B after entering the Carrier Dome. At the Stairway by Gate B there will be a security guard at a sign-in desk allowing you access to proceed up the stairs to the Box seats on the second floor. (Please note, all other stairways to the second floor will be closed.) Provide your name to the security guard at the desk and let them know that you are part of the ASHRAE group in the Carrier Corporation Box in Suite 229.
· Proceed up the stairs to Suite 229 and enjoy the game!

Space is Limited! Please notify Enrica Galasso if you register and are no longer able to make it to the game.

Contact Enrica Galasso – enrica.galasso@carrier.utc.com – (315) 432-7878 for assistance with reservations and more information.

~Enrica Galasso, YEA Chair

(Game Flyer on page 7)
Young Engineers in ASHRAE (YEA) Event

Watch the Game in Box Seats

Food and Drinks will be Provided

Network with your Peers

APRIL 2ND @ 5:00 PM
SYRACUSE VS. NOTRE DAME
MEN’S LACROSSE GAME AT
THE CARRIER DOME

The event will feature a Syracuse University Men’s Lacrosse game against the University of Notre Dame. Come watch the top ranked teams! The event will take place in the Carrier Corporation Box, located at Suite 229. Food and drinks will be provided. Guests will need to purchase tickets into the game independently. More information on reserving tickets to the game can be found on our website.

Contact Enrica Galasso for assistance with reservations and more information: enrica.galasso@carrier.utc.com – (315) 432 - 7878

CARRIER DOME
Suite 229
900 Irving Ave.
Syracuse, NY 13244
www.ashraecny.org

This event is being sponsored by Carrier Corporation
1st Annual Student Poster Competition

Overview

The student poster competition is presented by the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Central New York Chapter. The competition is open to any undergraduate and graduate students pursuing an engineering or science degree at a college or university in Central New York. Students may present projects related to HVAC&R and energy efficiency; carried out as researchers at their university, during internships/co-ops, or capstone project courses. The competition will take place during an ASHRAE Central New York Chapter monthly meeting providing students with networking opportunities with local professionals in the industry.

Time and Location

TIME: Wednesday, March 09th 2016
6:00 PM – 8:00 PM
LOCATION: Syracuse University
369 Link Hall

Complementary dinner will be provided to all students.

Application Requirements

1. Students must be pursuing an undergraduate or graduate degree in engineering or science at a college or university in Central New York.
2. Project topic areas must be related to the HVAC&R and energy efficiency industry.
3. Students must be registered ASHRAE Student Members by March 1st 2016.
   - To register, follow the link and choose the Student Membership Grade ($20):
     https://www.ashrae.org/membership--conferences/join-now/membership-grades/student-member-benefits-description
   - Select the Central New York Chapter as your primary chapter when registering.
   - Maximum 500 words
   - Include your ASHRAE membership ID number on your abstract.
   - Submit abstracts to Enrica Galasso, CNY ASHRAE Student Activities Chair, with email subject title: CNY ASHRAE Student Poster Competition Submission
     § Email: enrica.galasso@carrier.utc.co

Judging and Awards

During the competition, students are to present their poster to the panel for approximately 5 minutes. Each poster will be judged by a panel of 3-4 ASHRAE professional members. Separate competitions will take place for undergraduate and graduate students. For each, the following awards will be presented:

First Place: $300    Second Place: $200    Third Place: $100
Thanks to the generosity of our members, as a chapter we were able to successfully meet our Research Promotion goals for the 2014-2015 ASHRAE campaign. Thank you all for your previous contributions, it’s impressive how many people utilize their own resources to help achieve our chapter goals. On the note, please consider continuing your generosity by donating to the 2015-2016 campaign! Your donations are extremely important, and are put towards ASHRAE’s Handbook series, technical programs, standards, and special publications. No donation is too small, and we thank you in advance for your donations!

Please start spreading the word about our Annual CNY ASHRAE Clambake at Hinerwadels. This year it will be held on Thursday, June 9th, 2016. We will be celebrating our chapter’s 75th anniversary, we expect a great turn out!

ASHRAE Research would like to invite members (individuals AND companies) to support the 2015-2016 Research Promotion Investment Campaign. The online donation form can be found on the ASHRAE website at:

https://ashrae.org/standards-research—technology/research-promotion
And click the “Online Contribution Form” link near the top of the webpage.

Consider one of our higher levels of support as a way to show your commitment to ASHRAE Research—and get your contribution acknowledged here in our monthly newsletter!

Platinum Circle: $20,000+
Golden Circle: $10,000 - $19,999
ASHRAE Partner: $5,000 - $9,999
ASHRAE Associate: $2,500 - $4,999
Major Donors: $250 - $2,499
Honor Roll Donors: $100 - $249 ($150 minimum for companies)

Thank you to the following individuals who have donated so far to the 2014-2015 campaign:

~Chris Devins, Research Promotion Chair
(Research Flyer on page 10)
ASHRAE Research and YOU

HOW IS ASHRAE RESEARCH USED?
- Update the Society’s standards and guidelines
- Special ASHRAE publications
- Articles published in the ASHRAE Journal

WHAT FUNDS ASHRAE RESEARCH?
- Contributions from members and corporations
- A percentage of member dues
- Income from the ASHRAE cosponsored AHR Expo
- Interest earned on the Research Reserve and ASHRAE Foundation

HOW IS MONEY RAISED?
- Personal contact made by volunteers
- Special contracts with major donors
- Direct solicitation of ASHRAE members at the time of dues billing

HOW DOES ASHRAE RESEARCH HELP ME?
- Decreasing the spread of airborne diseases
- Conserving energy in hot and humid climates
- Understanding the relationship between occupant health and ventilation rates
- Decreasing the risk of spoiled food
ASHRAE CNY Chapter Steamboat Challenge

Steamboat Challengers:

1st Place Junior Captain Award & Steamboat Challenge Final Winner: Team 11, Celine B. & Caleb B.
2nd Place Junior Captain Award: Team 1, Emily J. & Megan K.
3rd Place Junior Captain Award: Team 5, Hannah J. & Reilly H.

1st Place Senior Captain Award: Team 120, Taquan M.
2nd Place Senior Captain Award: Team 114, Zau N.
3rd Place Senior Captain Award: Team 115, Keegan F.
Youth race homemade boats in steamboat challenge at The MOST

About 100 middle and high schoolers participated in ASHRAE CNY Chapter’s first annual steamboat challenge on Nov. 21 in the Museum of Science and Technology. Nearly 200 people participated, volunteers, or watched the competition.

Thirty-six teams of one to four students created steamboats from any type of material and used the heat of a tea light candle to fuel the boat. The boats raced down a 10-foot long inflatable raceway competing in the middle school or high school category. The teams presented their boats to explain the boat’s construction and their teamwork.

Judges ranked teams based off of their presentations, creativity and speed. Winners in the middle school and high school categories respectively won First Place Junior Captain Award and First Place Senior Captain Award.

"We'd like if the students could be motivated by this event and become the next generation of scientists and engineers," said Chonghui Liu, the steamboat committee chair.

This competition is the culmination of a yearlong outreach effort to introduce students to science, technology, engineering, and mathematics. The American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE) Central New York Chapter in partnership with OBG reached out to 25 high schools and middle schools across 25 CNY area and more than 400 students and educators to teach STEM principles and get students interested in the steamboat challenge.

For more information: www.ashraecny.org

Syracuse.com

http://www.syracuse.com/living/index.ssf/2015/12/youth_race_homemade_steamboats_in_ashraeSteamboat_Challenge_at_the_MOST.htm

(Steamboat Challenge Continued)
Central New York Hosts Steamboat Challenge

SYRACUSE, N.Y. — More than 100 students in the Central New York region got a chance to float their do-it-yourself boats as part of an event hosted by the local ASHRAE chapter.

The Central New York Chapter recently held its first Steamboat Challenge and Science, Technology, Engineering and Mathematics (STEM) Day, at the Museum of Science and Technology (MOST). The event, open to all middle and high school students in the Central New York region, attracted more than 250 students, parents, and educators.

Thirty-six boats were entered in the challenge, with 15 in the junior category and 21 in the senior.

The goal was to motivate and encourage youth to pursue STEM education and careers by demonstrating innovative and exciting applications of STEM principles. The event was held in partnership with O’Brien & Gere (OBG) and organized by Steamboat Challenge Program Committee.

“We are already gaining a great deal of support and interest from many local schools and various community organizations,” said Chonghui Liu, chapter vice president and chair of the committee. “I anticipate it will be much bigger next year! Since its initial inception, the Steamboat Challenge program has reached 25+ schools across the area including high-needs schools. It also has provided 400+ students and educators with opportunities to participate in STEM-focused hands-on learning activities.”

Steamboats or pop-pop boats, could be made of any material but was limited to 6 in. wide and 8 in. long and had to float on 3 in. deep water. They were designed to be fueled by only a single standard 1.53 in. diameter tea light candle. Among the materials used for the hull were metal, wood, soda cans, plastic membrane, water bottles, foam, etc.

Source from ASHRAE Insights, February 2016

http://www.nxtbook.com/nxtbooks/ashrae/ashraeinsights_201602
More information and pictures can be found at www.ashraecny.org/Steamboat-Challenge

~Chonghui Liu, CNY Chapter Steamboat Challenge Committee Chair
It’s ASHRAE Clambake Time!!!

ASHRAE Central New York Chapter
1941-2016

Come Celebrate Our 75th Anniversary!
Thursday, June 9, 2016 4—8 PM
Hinderwadel’s Grove, North Syracuse

Special 75th Anniversary Ticket Price — $45.00

Fun, Food, Drinks, Games and More!
The bake is a continuous buffet featuring the following:
- Steamed clams, raw clams, clam chowder, roast pig
- Fried chicken, BBQ beef and pork sandwiches
- Desserts & beer on tap!

Major Door Prizes!
60” Flat Screen, Uncle Sam Boat Tours, Adirondack Scenic Tours,
greens fees at local courses, and more!

Tickets Go On Sale May 1st!
For tickets contact Bonnie Henderson c/o Syracuse Thermal Products @ 315.437.7321
Tickets can be purchased through PayPal ($46). To purchase tickets online, visit
http://centralnewyork.ashraechapters.org and click on the link “Buy Clambake Tickets.”
Mail checks payable to: CNY Chapter ASHRAE and send to:
Syracuse Thermal Products, Inc.
P.O. Box 398
East Syracuse, New York 13057
Contact Chris Devins (Chris.Devins@Trane.com) with any other questions
Making Net Zero Net Positive:
Solving the Efficiency & Cost Paradox
April 21, 2016 | 1:00–4:00 p.m. EDT

This webcast will feature industry experts who will define the importance of, and why we should strive for, net zero in the built environment. Viewers will be able to identify behaviors that create more effective ownership, design and construction teams, and will recognize the value of a collaborative process in building design and the impact on costs. With a strong emphasis on real-world applications, the program will also discuss the primary technical and financial challenges in achieving net zero buildings, and where this design approach can best be applied.

Attend this FREE webcast program and you may be awarded three Professional Development Hours (PDHs).

T. David Underwood, P.Eng., Fellow ASHRAE, Life Member, CPMP
Marc Brune, P.E.
Philip Macey, AIA
Paul Torcellini, Ph.D., P.E.
Northeast HVAC Solutions, Inc. seeks an experienced sales engineer to promote and market top tier HVAC manufacturer’s equipment to commercial and industrial customers as well as specifying engineers.

Sales of equipment involving the specification, pricing, proposal creation as well as the entire order process will be required of the candidate. Successful candidate will have knowledge of hydronic systems including pumps and cooling towers. The candidate must be able to navigate a fast paced position utilizing all electronic sales tools and company processes. Mechanical engineers with P.E. are encouraged to apply.

Positions available in the Clifton Park and Syracuse, NY offices. Advancement opportunities are offered after a successful track record of performance is demonstrated. Position will be an integral part of the growth of the company and only serious and committed individuals should apply. Please email compensation requirements, resume and letter of introduction to corp@nehvac solutions.com.

All inquiries are kept in strict confidence.
Design Engineer I - Mechanical (Syracuse)

http://www.bergmannpc.com/careers/job/22563/design-engineer-i-mechanical

We are currently seeking a Mechanical Design Engineer to team with our award winning Mechanical/Electrical Engineering team. This is a great opportunity to work in a fast paced environment and have exposure to a variety of high profile local and national projects. In this role you will be a key contributor to the design and coordination of mechanical and/or electrical projects.

This position involves working with a team of designers and professional engineers in the design and production of construction documents for a variety of Mechanical projects including, Plumbing, HVAC, pipes, ducts, Fire Protection, Energy Calculations, Commissioning and Field Inspections.

You will be required to independently perform drafting, some overnight field surveys, travel, measurements, and calculations while working closing with engineering team from various offices. Requires multi-disciplined coordination and excellent communication skills.

Qualifications:

- 0-5 years in HVAC, Plumbing and Fire Protection design engineering.
- AAS Degree or Bachelors of Science in Engineering from an accredited University (E.I.T. preferred)
- Proficiency in use of REVIT and AutoCAD software
- Strong communication skills, proven organizational abilities, and willingness to learn and grow in the role are necessary.

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Please view Equal Employment Opportunity Posters provided by OFCCP here.
Design Engineer II – Mechanical (Syracuse)

http://www.bergmannpc.com/careers/job/22570/design-engineer-ii-mechanical

We are currently seeking a Mechanical Design Engineer to team with our award winning Mechanical/Electrical Engineering team. This is a great opportunity to work in a fast paced environment and have exposure to a variety of high profile local and national projects. In this role you will be a key contributor to the design and coordination of mechanical and/or electrical projects.

This position involves working with a team of designers and professional engineers in the design and production of construction documents for a variety of Mechanical projects including, Plumbing, HVAC, pipes, ducts, Fire Protection, Energy Calculations, Commissioning and Field Inspections.

You will be required to independently perform drafting, some overnight field surveys, travel, measurements, and calculations while working closing with engineering team from various offices. Requires multi-disciplined coordination and excellent communication skills.

Qualifications:

+ 5 - 8 years in HVAC, Plumbing and Fire Protection design engineering.
+ Bachelors of Science in Engineering from an accredited University (E.I.T. preferred)
+ Proficiency in use of REVIT and AutoCAD software
+ Strong communication skills, proven organizational abilities, and willingness to learn and grow in the role are necessary.

Bergmann Associates is committed to equal opportunity for all, without regard to race, religion, color, national origin, citizenship, sex, age, veteran status, disability, genetic information, or any other protected characteristic. Bergmann Associates will make reasonable accommodations for known physical or mental limitations of otherwise qualified employees and applicants with disabilities unless the accommodation would impose an undue hardship on the operation of our business.

Please view Equal Employment Opportunity Posters provided by OFCCP here
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2015 ASHRAE Region 1 Chapter Regional Conference