



2017-2018 Officers



Mike Gilroy
President



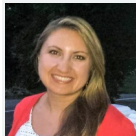
Dan Carington
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Secretary



Deanna Adkison
Treasurer

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November Meeting

Tuesday, November 7, 2017

Main Meeting:

**Transforming an Existing
Building into a High-
Performing Facility**

**Membership Promotion & Research
Promotion Night**

Please see **page 3** for more information.

Special thanks to our 2017-2018 Sponsors:

Platinum:
HTS New England **Gold:**
RST Thermal *Victaulic*

Investor Recognition:
Jim Armstrong *Mark Leonard*
Lance Brown *Justin Mole*
Dan Carington *Bob Persechini*
Eric Edman *Christine Reinders-
Caron*
James Generelli *Steve Tafone*
Mike Gilroy *William Tang*
John Iacopucci *Jeffrey Zajac*

Where:

Metro Meeting Center
101 Federal St, 4th Floor
Boston, MA 02110

Meal Menu:

- Sautéed Italian Sausages and Peppers / Ziti with Chicken & Broccoli
- Mixed Vegetables
- Metro Café Caesar Salad
- Brownies & Bars & Mousse

Time:

- 5:30 - 6:45PM Registration/Social Hour
(Sponsored Beer & Wine Reception)/Buffet Dinner
- 6:45 - 8:00PM Main Program, Dessert & Coffee (Approved for 1 PDH)

Cost:

- ASHRAE Boston Members: \$50
- Non -Members / Walk-Ins: \$60
- ASHRAE Student Members
with RSVP: Free

Please register online at www.ashraeboston.org.
RSVP by 12:00 PM on Friday, November 3rd.
If you have any questions, you may contact Christopher Pietrocario, Attendance Chair, at ashraebostonattendance@outlook.com.
Thank You

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PRESIDENT’S MESSAGE

By: Mike Gilroy

Thanks to all ASHRAE members who joined us at Boston University's CILSE Building for a great overview presentation of the building and its systems. A special thanks to John MacKenzie (ARUP) and Leon Auvil (Payette) who offered their time to provide the presentation and lead tours! I also heard that most people enjoyed the food, which is always good to hear. Thanks to BU (Kevin Gonzales, Joann Flores and Fiona Coughlan) for assisting with the preparation of the building's spaces and catering services.

In November, we will be hosting our first meeting of the year in our downtown venue, Metro Meeting Center. We will also have an ASHRAE Distinguished Lecturer, Jim Newman, in to present on "Transforming an Existing Building Into a High-Performing Facility." Jim is a native of the Boston / New England area and is looking forward to visiting from his current location in Detroit, MI. As previously mentioned, his presentation is approved for 1.5 PDHs!

Please email me at coo1@ashrae.net or contact any of the volunteers with questions, concerns, or suggestions to help improve our chapter. We have already seen a few new faces join our BOGs and help out the chapter!

Refer to our Chapter Website, <http://ashraeboston.org/> to stay current on upcoming meetings, announcements, and our newsletter.

Presidential Award of Excellence								
Boston Chapter - 2017-2018								
Chapter Members	Membership Promotion Points	Student Activities Points	Research Promotion Points	History Points	Chapter Organization Points	Chapter Technology Transfer Points	Grassroots Government Affairs Points	Chapter PAOE Point Totals
1052	775	410	0	100	680	0	0	1965



EDITOR’S NOTE

By: Deanna Adkison

Materials for the December newsletter are due by November 30, 2017.

Please submit employment/want ads in .pdf, .doc or .jpg format. A company logo may also be included. Feel free to send any ideas you would like to share or include in next month’s issue.

For additional information, refer to our website at www.ashraeboston.org.

For more information, please e-mail northeastaire@gmail.com

November Meeting Information

Main Section Title of presentation: Transforming an Existing Building into a High-Performing Facility

Presentation Outline:



James L. Newman, CEM, LEED AP BD+C, ASHRAE OPMP & BEAP, FESD

Most buildings, new or old, do not perform anywhere near their most efficient potential. HVAC systems deteriorate with time. Find out what to look for relative to improving the efficiency of the HVAC and lighting systems in a building, learn how to do it at minimum cost by taking advantage of incentives and rebates, and learn how to keep it performing at its potential to save your owner operating and utility costs.

Speaker Bio:

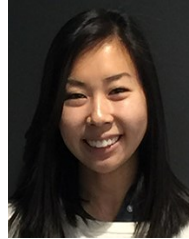
Jim Newman is Owner and Managing Partner of Newman Consulting Group, an EPA Energy Star® and Rebuild Michigan® Partner.

He is a Certified Energy Manager, a LEED Accredited Professional, an ASHRAE Operations and Performance Management Professional, a Building Energy Assessment Professional and a Fellow of the Engineering Society of Detroit (ESD).

Jim is active in many professional organizations, a member of BOMA International's Committee on Energy and the Environment, Chair of the Detroit BOMA chapter's Committee on Sustainability, and a trainer for the BOMI course on High-Performing Sustainable Building Practices and investments. He is a Fellow of the Engineering Society of Detroit, where he is a member of the Construction and Design Committee.

Jim was a member of ASHRAE's 2008 Energy Position Committee, Vice-Chair of the Technical Committee (TC) on Industrial Air Conditioning, and is a corresponding member of ASHRAE TC 5.5, Air-to-Air Energy Recovery, and TC 7.3, Operation and Maintenance Management. He is an ASHRAE-certified trainer for Energy Standard 90.1 and was one of 16 energy auditors throughout the U.S. chosen in 2010 to beta test ASHRAE's Building Energy Quotient (bEQ) Program that measures, verifies and certifies energy used by commercial buildings. He was awarded ASHRAE'S Distinguished Service Award in 2012, and again in 2013.

Jim speaks about Green and Sustainable topics on radio and TV, and gives seminars world-wide to both technical and non-technical organizations on these and other topics related to the construction industry. He has received numerous awards and has been published in many magazines and technical journals. His latest book, co-authored with two attorneys, Current Critical Issues in Environmental Law: Green Buildings and Sustainable Development was published by Lexis Nexis in 2008.



STUDENT ACTIVITIES

By: Yuka Narisako

I'm very excited for the month of November, as we will be hosting our first of two Student Nights. I anticipate a good volume of student members in attendance, as the Warriors Ice Arena should be an exciting tour for all attendees. I look forward to meeting as many student members as possible, as well as our devoted Student Branch Advisors.

My goals for this year's Student Activities Committee have been submitted to Region I. My goals include: hosting two Student Night events, increase student membership by 1%, and reactivating a student branch.

Once again, I'd like to draw attention to the generous scholarships offered to student members through ASHRAE, both at a society level and a Boston Chapter level. Please refer to the Student Activities page on the ASHRAE Boston Chapter website for application information regarding the Cheryl Rossini Future Engineers Scholarship Application. The Society also has 33 scholarships available for the 2017-2018 academic year, and are encouraged to apply at www.ashrae.org/scholarships.

I look forward to seeing many student members at our November Student Night Meeting on November 8th, and hope to see some of those same faces at the YEA tour of the Lahey Hospital on November 16th! In the meantime, please feel free to reach out to me at ynarisako@brplusa.com!

<h3 style="text-align: center;">ASHRAE BOSTON UPCOMING EVENTS</h3>	<h3 style="text-align: center;">BOSTON AREA UPCOMING EVENTS</h3>
<p>Visit https://ashraeboston30.wildapricot.org/resources/Documents/Save%20the%20Date%205.pdf for more information.</p>	<p>AFE Boston Chapter 33 www.afechapter33.org</p>
<p>ASHRAE BOSTON NOVEMBER MEETING When: Tuesday, November 07, 2017 5:30 PM Where: Metro Meeting Center - 101 Federal Street, 4th Floor, Boston, MA 02110</p>	<p>IFMA Boston Chapter www.ifmaboston.org</p> <p>BOMA Boston Chapter http://www.gbrec.com/boma/</p>
<p>ASHRAE BOSTON DECEMBER MEETING When: Tuesday, December 12, 2017 5:30 PM Where: Embassy Suites Hotel and Conference Center 550 Winter Street Waltham, MA 02451</p>	<p>Sustainable Performance Institute http://www.sustainable-performance.org/</p> <p>AFE Chapter 74-Worcester Area-Central MA www.afe74.org</p>
<p>WIA (WOMEN IN ASHARE) WINTER MEETING When: Thursday, December 07, 2017 6:00 PM Where: Barlow's Restaurant 241 A St, Boston, MA 02210</p>	<p>USGBC Massachusetts Chapter www.usgbcma.org</p>
<p>ASHRAE BOSTON JANUARY MEETING When: Tuesday, January 09, 2018 5:30 PM Where: Metro Meeting Center - 101 Federal Street, 4th Floor, Boston, MA 02110</p>	<p>AEE New England Chapter www.aeenewengland.org/</p> <p>IBPSA Boston Chapter http://ibpsa-boston.com/</p>

Membership & Promotion

By: Will Cunningham

Hello fellow ASHRAE members! It was good to see all of you come out to our fall meetings this year! We have currently had our September, October, and November meetings and we are off to a good start this year! September's meeting was about Membership Promotion (MP) alongside an update from our Historian. We have one more MP night coming up next calendar year. I'm looking forward to meeting more new members and current ones alike! For more information please go to:

<http://www.ashraeboston.org/>

The goal of MP night was to promote growth of our Boston Chapter and to introduce our new members to the Chapter. We want all of our members to be known for possible future leadership roles here or possibly within other Chapters of ASHRAE.

If you are or know someone that is a prospective new member, the Affiliate Grade Membership may be for you! This program is for individuals at or under the age of 30 that are new to ASHRAE (not previously a Student or Associate member). OR for individuals who have been honorably discharged from the Military within the past 5 years. These members will receive a discounted rate as follows:

- \$52 for the first year
- \$78 for the second year
- \$103 for the third year

Mr. Matthew P Mancini	Ms. Rebecca Ansolabehere
Mr. Joseph Devlin	Mr. Matt McDonald
Mr. Jason Rubitsky	Mr. Michael Berry
Mr. Daniel P. Lanneville	Mr. Willie Dawkins-Wong
Mr. Christopher Ryan Mackay	Mr. Robert Alix
Mr. Mark A Halverson	Mr. Michael James Jenkins
Mr. John Michael Kondziolka	Mr. Vito LaFrancesca
Mr. Michael Culcasi	Mr. Richard A Boynton

Participants in this program will receive most of the benefits of Associate Membership (except the ASHRAE Handbook) but at a considerably discounted rate (Current Associate Member dues are \$206 per year). For more information go to:

<https://www.ashrae.org/membership--conferences/join-now/membership-grades>

Please help me welcome our new members to the Boston chapter since September by giving them a warm welcome;

Welcome, we are looking forward to seeing you at our next Boston ASHRAE event!

Any comments or questions, please feel free to contact me at wcunningham@brplusa.com



HISTORICAL NEWS

By: Eric Edman



The Historical committee wishes all of you a very happy holiday season and an eventful, and prosperous 2018. It has been a wonderful 2017 for all of us. It is a pleasure to serve you.

Eric Edman
Reddy Tupcak
Thanh Huynh

Our group has received some creative suggestions for historical topics. We will write one of these up, and publish it for the next edition of this communication. There are no other major news announcements to be noted.

We always look forward to seeing you at our monthly meetings

Eric and the committee



Webmaster's Notes

By: Kevin Doty

On August 19th, 2017, The Boston Chapter was recognized with the "Websitation of Excellence" award for the 2nd straight year at the Region I CRC in Long Island, NY. Thank you to everyone for your feedback throughout the past year. As always, comments and suggestions can be sent to c001web@ashrae.net.

Please make sure to add admin@ashraeboston.org to your "safe sender" list to prevent emails from going to your



ASHRAE Government Affairs Update

By: Christine Reinders

GGAC Boston Newsletter

News from the Commonwealth of Massachusetts:

Commonwealth Earns Top Mark on American Council for an Energy-Efficient Economy Scorecard

BOSTON – The Baker-Polito Administration today announced the Commonwealth has been named the most energy efficient state in the nation by the American Council for an Energy-Efficient Economy (ACEEE) for the seventh consecutive year. Massachusetts continues to receive top marks for its energy efficiency policies and programs, particularly the energy efficiency programs offered by the Commonwealth's utilities under the Mass Save® brand and for promoting smart growth development in cities and towns. The full 2017 ACEEE State Energy Efficiency Scorecard can be found here: <http://aceee.org/state-policy/scorecard>

“As Massachusetts continues to make historic investments and progress in clean energy development, energy efficiency remains the most cost-effective method of reducing ratepayer costs and lowering greenhouse gas emissions,” said Massachusetts Governor Charlie Baker. “Massachusetts is proud to lead the nation in energy efficiency policies and programs, and over the last year our administration has focused on increasing access for low- and moderate-income ratepayers, while investing in innovative peak demand reduction projects that will provide significant environmental and economic benefits to the Commonwealth.”

News from ASHRAE Grassroots Government Advocacy

U.S. Congress Passes Budget Resolution, Paving the Way for Tax Reform

On October 26, the U.S. House of Representatives passed the Senate's version of the 2018 budget resolution, which establishes the broad outline for the fiscal year 2018 appropriations bills. In addition, the budget resolution included language that will allow the Senate to pass tax reform legislation with a simple majority. The House draft of the tax reform bill is expected to be released on November 1 and could have major ramifications for the economy.

U.S. Senate Committee Holds Hearing on Energy Efficiency Opportunities in Buildings

On Oct. 31, the U.S. Senate Energy and Natural Resources Committee held a hearing to “Examine Opportunities for Efficiency in Building Management and Control Systems.” The purpose of the hearing was to examine new efficiency opportunities provided by advanced building management and control systems. Information about the hearing, along with an archived video can be found here: <https://www.energy.senate.gov/public/index.cfm/hearings-and-business-meetings?ID=ACF4EC62-707C-4607-A6AD-297D78E62B22>

U.S. Senate Committee Holds Hearing to Examine Cyber Technology and Energy Infrastructure

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GGAC Boston Newsletter

By: Jeremy Caron

Welcome to the ASHRAE Boston Chapter's Government Affairs Update! This monthly publication features information on government affairs-related activities of interest to ASHRAE Boston Chapter members and others interested in the built environment. Archives of previous updates are available in the newsletter from the chapter website at <http://www.ashraeboston.org/pastnewsletters>. News from the Commonwealth of Massachusetts:

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News from ASHRAE Grassroots Government Advocacy

U.S. House Energy and Commerce Committee to Hold Hearing on Energy Star Program

On November 7, the U.S. House Energy and Commerce Committee, Subcommittee on Energy, held a hearing on the "Discussion Draft, Energy Star Reform Act of 2017." ASHRAE signed onto a [High Performance Building Coalition letter](#) to the Committee in support of the Energy Star program, which also commented on the legislation.

More information about the hearing, along with a video of the hearing, can be [found here](#).

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U.S. Congress Tackles Tax legislation

The U.S. Congress is taking up tax reform legislation that addresses a wide variety of provisions. In addition to changes in the individuals and business rates, the bills make changes to deductions, international tax rules, expensing, and many other provisions, including various energy tax credits. The House tax bill was approved by the House Ways and Means Committee last week Thursday, November 9, and is expected to vote on by the full House on Thursday. The Senate Finance Committee is considering its own tax bill, and began a markup on November 13, which is still ongoing. The Senate Finance Committee members have filed more than 350 amendments to the legislation, including several energy-related provisions. Both bills still need to be acted upon by their full chambers, and the differences reconciled.

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Society News

ASHRAE SEEKS ADDITIONAL COMMENTS FOR PROPOSED STANDARD ASSESSING MOISTURE AFFECTED AREAS, FUNGAL CONTAMINATION OF EDUCATIONAL FACILITIES

Nov 16, 2017

Contact: Allen Haynes

Public Relations

404-446-1677

ahaynes@duffey.com

-- Those interested in commenting on the standard may do so until Dec. 25 --

ATLANTA (Nov. 16, 2017) – ASHRAE seeks a second round of public comments on BSR/ASHRAE/IAQA Standard 3210P, Standard for the Assessment of Educational Facilities for Moisture Affected Areas and Fungal Contamination. Standard 3210P is open for a 45-day public review until Dec. 25. Those interested in reviewing and commenting on the proposed standard can do so at www.ashrae.org/publicreviews.

A joint ASHRAE-IAQA standard, Standard 3210P is intended to provide a uniform and repeatable procedure, specifically tailored to educational facilities, to identify areas in buildings, materials, equipment and systems that are subject to moisture or are suspected of fungal contamination or adverse conditions associated with fungal contamination.

The proposed standard will provide essential information and guidance to determine if and to what degree facilities that are used for educational purposes are contaminated. This` standard does not apply to biological contamination beyond fungal growth.

“Gaining input from the public on new ASHRAE standards is crucial toward improving the safety of education facilities,” says Jay Stake, chair of the Standard 3210P committee. “The goal of SPC 3210P is to guide professionals through the proper assessment to obtain a healthy indoor environment for educational facilities and its occupants.”

According to ASHRAE research, moisture damage and microbial growth cause billions of dollars in repair costs and interruption of building operations. The buildup of moisture indoors can be controlled through the building’s design, construction, and operation and the actions of its occupants.

To make a comment or learn more, please visit www.ashrae.org/publicreviews.

About ASHRAE

ASHRAE, founded in 1894, is a global society advancing human well-being through sustainable technology for the built environment. The Society and its more than 56,000 members worldwide focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability. Through research, standards writing, publishing, certification and continuing education, ASHRAE shapes tomorrow’s built environment today. More information can be found at www.ashrae.org/news.

About the Indoor Air Quality Association

The Indoor Air Quality Association (IAQA) is a nonprofit organization dedicated to bringing practitioners together to prevent and solve indoor environmental problems for the benefit of customers and the public. IAQA was established in 1995 and is the nation’s largest indoor air quality trade association with over 2,000 members and some 20 local chapters. More information is available at www.iaqa.org/news.



Research and Promotion

By: *William Tang*

As the immediate past president, I have assumed the role as the Boston Chapter Research Promotion Chair. I would like to extend my sincerest thank you to our research investors that help the Boston Chapter exceed the RP goal last year. Because of your investment, ASHRAE was able to fund \$14 Million worth of research. Every \$1 dollar you contributed, \$3.20 came back to for researches done in our region. For the 2017-18 RP campaign, the Boston Chapter has a goal of \$27,100. We need your support to reach and exceed the goal again.

Please consider making an investment online at www.ashrae.org/donate. Your contribution will automatically go toward helping the Boston Chapter reach our 2017-2018 RP goal. Please contact me should you have any questions.

William Tang

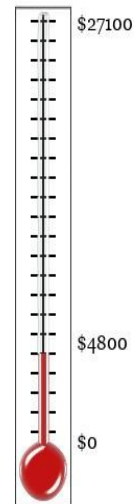
C001rp@ashrae.net

2017-2018 Investor Recognition:

- Jim Armstrong
- Lance Brown
- Dan Carington
- Eric Edman
- James Generelli
- Mike Gilroy
- John Iacopucci
- Mark Leonard
- Justin Mole
- Bob Persechini
- Christine Reinders-Caron
- Steve Tafone
- William Tang
- Jeffrey Zajac

2017-2018 Corporate Partner Recognition:

- Gold Level:**
- Victaulic
- Silver Level:**
- HTS New England
- RST Thermal





ANNUAL CORPORATE SPONSOR PROGRAM

Support the ASHRAE Boston Chapter by becoming a Sponsor and shining the spotlight on your organization!

EVENT BEVERAGE SPONSOR \$1500

- Donation of \$300 in your company name to ASHRAE Research – Boston Chapter Endowment
- Company name listed in the ASHRAE Insight and earn Honor Roll Corporate Status
- Company name display and recognition on name badges at the sponsored event
- One (1) complimentary tickets to the Annual Sponsor Recognition Event

SILVER LEVEL SPONSOR \$2000

- Donation of \$1000 in your company name to ASHRAE Research – Boston Chapter Endowment
- Company name listed in the ASHRAE Insight and earn Honor Roll Corporate Status
- Company name display on ASHRAE Boston Chapter website and monthly meetings for one year*
- Full-page ad in the Boston Chapter Roster & Product Guide for one year*
- Recognition on name badges at all events for one year*
- One (1) complimentary tickets to the Annual Sponsor Recognition Event

*ASHRAE Calendar Year – July 1 to June 30 of the following year

GOLD LEVEL SPONSOR \$3000

- Donation of \$1500 in your company name to ASHRAE Research – Boston Chapter Endowment
- Company name listed in the ASHRAE Insight and earn Honor Roll Corporate Status
- Company name display on ASHRAE Boston Chapter website and monthly meetings for one year*
- Full-page ad in the Boston Chapter Roster & Product Guide and half-page ad in the Boston Chapter newsletter – NortheastAire for one year*
- Recognition on name badges at all events for one year*
- Two (2) complimentary tickets to the Annual Sponsor Recognition Event
- Complimentary hole sponsor sign at the annual ASHRAE Boston Chapter Golf Tournament

PLATINUM LEVEL SPONSOR \$5000

- Donation of \$2500 in your company name to ASHRAE Research – Boston Chapter Endowment
- Company name listed in the ASHRAE Insight and earn Honor Roll Corporate Status
- Company name display on ASHRAE Boston Chapter website and monthly meetings for one year*
- Full-page ad in the Boston Chapter Roster & Product Guide and the Boston Chapter newsletter – NortheastAire for one year*
- Recognition on name badges at all events for one year*
- Four (4) complimentary tickets to the Annual Sponsor Recognition Event
- Company name on event name badge lanyards for one year*
- Complimentary hole sponsor sign at the annual ASHRAE Boston Chapter Golf Tournament

*ASHRAE Calendar Year – July 1 to June 30 of the following year

COMMITMENT FORM

I would like to become a sponsor for the ASHRAE Boston Chapter!

SPONSORSHIP LEVEL

Please check one

- PLATINUM \$5000
- GOLD \$3000
- SILVER \$2000
- EVENT \$1500

PAYMENT METHODS

PayPal – <http://ashraeboston.org/oursponsors>

Check – please mail the completed form and check to:

ASHRAE Boston Chapter
197 Lothrop Street
Beverly, MA01915
ATTN: Deanna Adkison

SPONSORSHIP CHECKLIST

Please submit the following when you register to become a sponsor

- Sponsorship Commitment Form completed
- Company ad in high-resolution ESP or JPG format to be place in the Roster & Product Guide and/or the NortheastAire.
- Company logo in high-resolution ESP or JPG format to be place on the pre-meeting presentation and/or the Boston Chapter homepage

Questions? Please contact any of the ASHRAE Boston Chapter Corporate Sponsorship Committee members.

William Tang
co01rp@ashrae.net

Mike Gilroy
co01@ashrae.net

Dan Carington
co01pe@ashrae.net

Mark Leonard
co01vp@ashrae.net

Bob Persechini
rpersechini@rdkengineers.com

ASHRAE Learning 2017 Online Course Series

REGISTRATION

One-part course (3 hours):
\$284 (\$219 ASHRAE Member)

Two-part courses (6 hours):
\$484 (\$359 ASHRAE Member)

[Register](#)

MULTIPLE PARTICIPANTS

Site Licenses are Available when five or more attend. [Learn More >>](#)

TIME FRAME

All courses are presented from 1:00 - 4:00 PM, Eastern Time.

General Information

Information about the ASHRAE online course series. [Learn More >>](#)

Note: Course fees listed above are per person for a single presentation connection for individual use and may not be shared with other users. All registrants must individually register for the desired course to participate and receive continuing education credit.

All courses are archived for a period of time after their initial presentation.

Receive a 10% discount on the PDF format of the Recommended Reference. (Discount is included in item prices on registration form.)

Two-Part Half-Day Short Course List

The following course carries 6 CEU/PDH credits and is comprised of two parts. Registrants must attend both parts in order to receive CEU/PDH credits. Archiving is available.

Note: Course fees listed are per person for a single presentation connection for individual use and may not be shared with other users. All registrants must individually register for the desired course to participate and receive continuing education credit.

Nov 1, 2017

[New! Complying with Standard 90.1-2016, Parts I and II, ES Practices](#) The 2016 update of ASHRAE Standard 90.1 Energy Standard for Buildings is a major revision, containing more than 125 changes from the 2013 version. Together, Standards 90.1-2007, 90.1-2010, 90.1-2013 and 90.1-2016 produce almost 40% energy savings from the 2004 version. The 2016 edition offers a si...

Half-Day Short Course List

The following courses each carry 3 CEU/PDH credits. Archiving is available.

Note: Course fees listed are per person for a single presentation connection for individual use and may not be shared with other users. All registrants must individually register for the desired course to participate and receive continuing education credit.

Jul 18, 2017

[NEW! Variable Refrigerant Flow System: Design & Application](#) Variable-refrigerant flow (VRF) systems are now becoming increasingly utilized across North America. This course provides nonmanufacturer-specific concepts of the unique operational characteristics of VRF systems and how to apply VRF systems to a wide range of building types. The course supplements...

Jul 25, 2017

[NEW! New ASHRAE-Classified Refrigerants to Meet Society's Changing Needs](#) This course will also be offered on Tuesday, December 12, 2017. ASHRAE Standard 34 maintains a list of refrigerants with a standardized system of assigned refrigerant numbers and well-defined safety classifications, including toxicity and flammability ratings. This ever growing list of refrigerants...

2017-2018 Meeting Schedule

Date	Main Meeting/ Tech Session	Speaker	PDH Credits	Location/ Special Night
November	Transforming and Existing Building into a High Performing Facility	James L. Newman, CEM	1.5	Metro Meeting Centers 101 Federal St. Boston
Tuesday November 7, 2017	Tech Session: TBD	TBD	TBD	Student Activities/ Young Engineers in ASHRAE/Women in ASHRAE
December	Overview of vibration isolation for noise control and code requirements	Mr. Steven Tafone, P.E.	TBD	Embassy Suites 550 Winter St. Waltham
Tuesday December 12, 2017	Tech Session: lessons learned involving systems	Mr. Karl Peterman, P.E.	TBD	Joint Meeting with ASPE
January	Smoke Control Systems and Integration Across Trades	Andrew Krenning & Ed Ledoux	TBD	Metro Meeting Centers 101 Federal St. Boston
Tuesday January 10, 2018	Tech Session: Smoke Control Systems Requirements	Eric Montplaisir	TBD	Research Promotion/Membership Promotion
February	BAS Controls	TBD	TBD	Embassy Suites 550 Winter St. Waltham
Tuesday February 13, 2018	Tech Session: ASHRAE Guideline 36P (Control Sequences)	TBD	TBD	Joint Meeting with I2SL
March	Energy / Indoor Environment with ASHRAE President	TBD	TBD	Metro Meeting Centers 101 Federal St. Boston
Tuesday March 6, 2018	Tech Session: TBD	TBD	TBD	Joint Meeting with AEE
April	Product Show 2018	See Program	See Program	Lantana's 43 Scanlon Dr. Randolph, MA 02368
Thursday April 19, 2018	ASHRAE CTTC Webcast	TBD	TBD	
May	Installation of Officers	TBD	TBD	TBD
Wednesday May 23, 2018	Brewery Tour at Night Shift	TBD	TBD	TBD
June	Golf Outing	Jim Liston	N/A	Granite Links 100 Quarry Hill Dr. Quincy, MA 02169 Research Promotion
Monday June 4, 2018				

2017-2018 BOSTON CHAPTER OFFICERS CURRENT BOARD OF GOVERNORS & CHAIRPERSONS

OFFICERS

President

Mike Gilroy,
BR+A
617-925-9255
coo1@ashrae.net

Secretary

Christine Reinders
Cannon Design
coo1sec@ashrae.net

Treasurer

Deanna Adkison
AKF Group
617-535-8236
coo1tr@ashrae.net

President-Elect

Dan Carington
BR+A
617-925-8236
coo1pe@ashrae.net

Vice President

Mark Leonard
BR+A
617-925-8322
coo1vp@ashrae.net

BOARD OF GOVERNORS

2017-2020

Bob Persechini
RDK Engineers
617-345-9885
rpersechini@rdkengineers.com

Lance Brown
BVH
LanceB@bvhis.com

Chris Pietrocarlo
BR+A
cpietrocarlo@brplusa.com

William Tang
BR+A
617-254-0016
wkt@brplus.com

2016-2019

Darcy Carbone
Stebbins Duffy, Inc.
617-957-2567
coo1bog2@ashrae.net

Christine Reinders
CannonDesign
617-517-6204
coo1bog1@ashrae.net

Steve Tafone
Suffolk Construction
978-774-1057
coo1bog10@ashrae.net

2015-2018

Daniel Diorio
Boston College
617-552-8772
coo1bog4@ashrae.net

Jim Liston
Columbia Construction Co.
978-664-9500
coo1bog6@ashrae.net

Justin Mole
Cannon Design
coo1bog7@ashrae.net

Erin Popa
BR+A
617-925-8205
coo1bog5@ashrae.net

COMMITTEES

Attendance

Chris Pietrocarlo
BR+A
ashraebostonattendance@outlook.com

CRC Delegate

William Tang
BR+A
617-254-0016
coo1@ashrae.net

Membership Promotion

Will Cunningham
BR+A
coo1mem@ashrae.net

Professional Development

Mark Leonard
BR+A
617-925-8322
mleonard@brplusa.com

Sustainability

Lance Brown
BVH
LanceB@bvhis.com

Chapter Program

Mark Leonard
BR+A
617-925-8322
coo1cttc@ashrae.net

Golf Outing

Jim Liston
Columbia Construction Co.
978-664-9500
jliston@columbiacc.com

Nominating

Bob Persechini
RDK Engineers
617-345-9885
coo1nom@ashrae.net

Publicity

Erin Popa
BR+A
617-925-8205
coo1pub@ashrae.net

Special Events

Erin Popa
BR+A
617-925-8205
Teri Shannon
ashraebostonspecialevents@outlook.com

Chapter Technology Transfer

Dan Carington
BR+A
617-925-8236
coo1cttc@ashrae.net

Grassroots Government Activities

Christine Reinders
Cannon Design
Creinders@cannondesign.com

Research Promotion

William Tang
BR+A
617-254-0016
coo1rp@ashrae.net

Refrigeration

Steven Tafone
Suffolk Construction
978-774-1057
coo1ref@ashrae.net

Website

Kevin Doty
Victaulic
coo1web@ashrae.net

CRC Alternate

Mike Gilroy
BR+A
617-925-9255
coo1pe@ashrae.net

Historian

Eric Edman
BR+A
617-925-8325
coo1his@ashrae.net

Mike Gilroy

BR+A
617-925-9255
mpg@brplusa.com

Mike Gilroy

BR+A
617-925-9255
mpg@brplusa.com

WiA

Deanna Adkison
AKF Group
617-535-8236
dadkison@akfgroup.com

CRC Alternate

Mike Gilroy
BR+A
617-925-9255
coo1pe@ashrae.net

Honors & Awards

Will Cunningham
BR+A
coo1ha@ashrae.net

Newsletter Editor

Deanna Adkison
AKF Group
617-535-8236
coo1ne@ashrae.net

Student Activities

Yuka Narisako
BR+A
coo1sa@ashrae.net

YEA

Nick Roth
NE Applied Products
coo1yea@ashrae.net

ASHRAE RESEARCH

Investors Who
Care About
Tomorrow

ASHRAE Boston Chapter Contributors

Corporate Research Contributors

Victaulic

BR+A

HTS New England

RST Thermal

Trane

Mr James E Armstrong

Mr Robert J Persechini

Mr Michael P Gilroy

Mr Daniel P Diorio

Mr Jeffrey Zajac

Mr Justin J Mole

Mr William Cunningham

Mr Eric M Edman

Mr Chris Pietrocarlo

Ms Deanna Jean Adkison

Mr Karl R Hudson

Mr John A Iacopucci

Personal Research Contributors

Ms Sarah E Maston, PE

Mr Gary M Elovitz

Mr Majid Seghatoleslami

Mr James R Generelli

Ms Christine Reinders-Caron

Mr Lance Brown

Mr Daniel P J Carington

Mr Steven J Tafone

Mr William K Tang

Mark C Leonard

Mr Joel Gordon, PE

Gary Wilkins

Mr David Bennett III

Mr Eric M Edman

RST Thermal

CONTACT William Tang at coo1rp@ashrae.net

Mail Check (Payable to "ASHRAE Research") to:

ASHRAE RESEARCH
William Tang
c/o Bard, Rao + Athanas Consulting Engineers
10 Guest St. 4th Floor
Brighton MA 02135

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ASHRAE - BOSTON CHAPTER www.ashraeboston.org

Deanna Adkison
Fitzmeyer & Tocci Associates, Inc.
300 Unicorn Park Drive, 5th Floor, Woburn, MA 01801
(P) 781.285.2262d
adkison@f-t.com