



October 2007

Vol. 45, No. 2

Visit our website at www.ashraeny.org

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OCTOBER DINNER SPEAKER

An experienced expert in air filtration and kitchen exhaust pollution control technology, Scott has installed hundreds of filtration and pollution control systems for over twenty years with Eco-Care Corporation, York International, and Honeywell International.

As President of Eco-Care Corporation, Scott designs, installs, and services air filtration and kitchen exhaust pollution control units to the commercial, residential, industrial, semiconductor, and foodservice (restaurant) industries.

Eco-Care Corporation's clients include: New York Stock Exchange, Museum of Modern Art, Columbia University, IBM, Bank of America, Four Seasons Hotels, W Hotels, ASPCA, The Y at 92nd Street, Jewish Community Center, Hard Rock Café, Red Lobster, Bobby Vans Steakhouse, The Palm, etc.

Scott has been a pioneer in discussing issues such as global warming, ozone depletion, bioterrorism, infection control, and energy conservation for the past 20 years to Architects and Engineers in New York City.

In 2006, Scott partnered with Mike Gunzer of Gunzer Electric in Renewable Power Industries, LLC to focus on renewable energy strategies and technologies, including solar panel and solar thermal systems, geothermal "ground source" systems, lighting retrofits, emergency generator systems, and ultraviolet light systems.

Scott graduated from the Executive MBA program at Columbia University in 1995 and earned his Bachelor of Engineering at Stony Brook University in 1986.

Scott has been a member of ASHRAE since 1988 and served as Education Chairman on the NYC Board of Governors from 1988 to 1992. Scott has also been a member of the National Association of Power Engineers (NAPE) since 1986. Scott is a member of the Long Island Chapter of the US Green Buildings Council.

OCTOBER DINNER MEETING

***** NEW LOCATION *****

Date: Tuesday, October 23, 2007
Location: **Annie Moore's**
50 East 43rd Street
(Between Madison & Vanderbilt)
212.986.7826

AGENDA

5:30 – 6:30 PM: Social Hour
6:30 – 7:30 PM: Dinner
(If anyone has special dinner requirements, please email Brian Azara one week prior to the meeting at briana@cdeair.com)

7:30 – 8:30 PM: Technical Presentation
Speaker: Scott Sherwood
EcoCare

Topic: Geothermal Energy

Cost: Members \$50.00*; Guests \$60.00
Student Members \$25.00
*\$5.00 Discount Available in Bulletin

CASH OR CHECKS ONLY

ASHRAENY will assess a \$10 service charge for ANY IOU's for attendees not paying the full attendance fee at the door.

Smoking is Prohibited at All ASHRAE Dinner Meetings.
Professional Engineers are eligible for 1 PDH Credit

Topic Summary

Geothermal "ground source" systems can be an integral part of a project's energy performance design. Thousands of systems are being designed and installed with many of them underperforming. Scott Sherwood of Renewable Power Industries will present information about the different types of geothermal systems, geothermal fields, and important design criteria for proper operating systems.

PRESIDENT'S MESSAGE

by Brian Ryglewicz

Well, it's October and summer won't go away so I hope you are still enjoying the outdoors. This year's first dinner meeting on September 25 was certainly a success with over 80 people attending the Energy Recovery presentation by Darrell Wisz of Greenheck and Harvey Rubenstein of A.D.E. Systems. Of the 80 attendees, more than 20 were student members from City College of New York, New York City College of Technology and Technical Career Institute. I would like to thank our Student Activities Chair, Alexander Weiss, for the terrific turnout and we encourage students to be more active and apply for the scholarships that the chapter offers.

To further our commitment to continuing education, we are currently preparing two All Day Seminars for our members. More information will be available soon at the Chapter's website, so keep your eyes and ears open for additional developments.

Please join me at our next dinner meeting on October 23. Scott Sherwood of EcoCare will be giving a presentation on Geothermal Energy. I look forward to seeing you there!

Do not forget that there is a 10% off coupon (for members) in this bulletin; less than 10 members took advantage of the discount for the September meeting.

PAOE FOCUSES ON SUSTAINABILITY

The PAOE supports President Terry Townsend's presidential theme of *The ASHRAE Promise: A Sustainable Future*, focusing on sustainability, young engineers and the global community.

"I am asking members to implement sustainability in their communities and their everyday business and personal lives," said Townsend. "By making a conscious effort now, we are contributing to the future of families and giving important resources back to our communities. This also helps fulfill the ASHRAE mission of 'advancing HVAC&R to serve humanity and promote a sustainable world,'" he added.

To support Townsend's theme, **PAOE awards points for sponsoring seminars related to sustainability, conducting a sustainability-oriented activity, such as planting trees or restoring natural habitats, and writing chapter newsletter articles dealing with sustainability.**

Points are awarded for sponsoring seminars relating to needs of young engineers, hosting a young engineers night, and enrolling young members.

Townsend said he also has simplified the program by reducing the number of items and eliminating most of the calculations. More information can be found at www.ashrae.org/paoe.

STUDENT ACTIVITIES

By Robert Talavera, City College
ASHRAE Student Chapter President

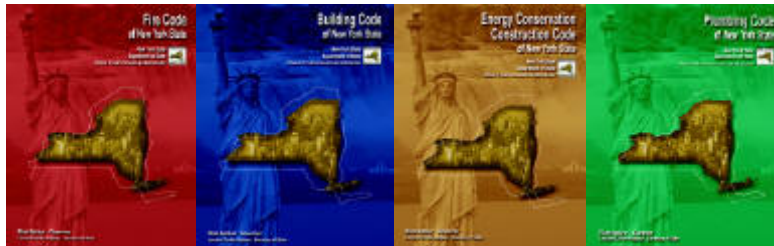
The student chapter of ASHRAE at City College has begun its 07-08 campaign by focusing on three chief issues: (1) recruiting new members, (2) promoting and disseminating information about the role of the HVAC engineer in *Green Building*, and (3) enlisting a small collection of top students to participate in the 2008 ASHRAE Design Competition. By having a chapter of ASHRAE at CCNY, we are in the unique position of bridging the student-professional gap. We feel that the best way to do this is to emphasize not only the career advancement aspects for the aspiring engineer, but also the amount of good that the HVAC engineer can bring to the world via Green Building techniques. We currently have a roster of 20 students, a design competition team of 4, and a yearly schedule of topical meetings and career-focused activities planned.



SEPTEMBER 25, 2007

BUILDING NEW YORK**E-BULLETIN**

A Notice of Adoption will be published in the October 3, 2007 edition of the State Register



Adoption of the 2007 Codes of New York State

Update to the Uniform Fire Prevention and Building Code and State Energy Conservation Construction Code.

Transition period for Uniform Code is
October 3, 2007 to December 31, 2007.

Uniform Code will become effective on **January 1, 2008.**
Energy Code has **no transition period**, effective **January 1, 2008.**

Specific Titles:

Existing Building Code of New York State – 2007 Edition (This is a NEW code for NYS)
Building Code of New York State – 2007 Edition
Residential Code of New York State – 2007 Edition
Fire Code of New York State – 2007 Edition
Property Maintenance Code of New York State – 2007 Edition
Plumbing Code of New York State – 2007 Edition
Mechanical Code of New York State – 2007 Edition
Fuel Gas Code of New York State – 2007 Edition
Energy Conservation Construction Code of New York State – 2007 Edition

VOLUNTEERS NEEDED

Calling all members- The ASHRAE Region 1 CRC will be held in New York City in 2010 and the NYC Chapter needs volunteers to help organize this event. I have been asked by our chapter to Chair this event and having said yes, I am looking for anyone interested in serving on one of the much needed committees. We will be meeting once a month in the evening at a place centrally located in Manhattan starting in January of 2008. I need people who will be able to commit to this schedule.

If interested please contact Bill Lau @ blau@metroairproductsny.com

PROFESSIONAL DEVELOPMENT HOURS

Available to P.E.'s at our Monthly Dinner Meetings

As I am sure all New York State licensed P.E.'s are aware, NYS Education Law Article 145 states: *"During each triennial (three-year) registration period an applicant for registration shall complete a minimum of thirty-six hours of acceptable continuing education..."*

What is meant above by "continuing education" are Professional Development Hours or PDH's and a NYS licensed Professional Engineer must accumulate thirty-six PDH's during each three-year registration period in order to be able to renew their P.E. license.

A Professional Engineer can now receive one (1) PDH for attending a monthly ASHRAE New York Chapter Technical Dinner Presentation.

The New York Chapter holds eight (8) dinner meetings a year, which means a P.E. attending all eight (8) meetings would receive eight (8) PDH's for that year. That combined with a Chapter All Day Seminar awarding at least six (6) PDH's (equaling a total of 14 PDH's for a year), means a P.E. can accumulate **ALL** the PDH's they need in one year from the New York Chapter.

We at the New York Chapter are very excited about this opportunity to be a "one-stop-shop" to provide our P.E.'s with all their Professional Development Hours (PDH's) and hope you will take advantage by attending all our meetings.

To receive PDH's at our meetings, all you have to do is sign in on the separate Sign-In Sheet at the dinner meeting registration table and that's it. **Be sure to have your PE License number available when you sign in.** A PDH certificate stating you attended the meeting will be made available and the subsequent dinner meeting. For example, the certificate stating that you attended the September dinner meeting will be available for you at the October dinner meeting and so forth. If you are unable to pick up your certificates at the dinner meetings, they will be mailed to you in June.

Please note, it costs \$50 for an ASHRAE member to attend a NY Chapter dinner meeting and \$60 for an ASHRAE non-member to attend. **No additional cost to ASHRAE**

members and ASHRAE non-members will be enacted for the PDH service, however, regardless of whether or not you eat dinner, you still have to pay the full attendance fee.

We at the Chapter invite all P.E.'s to attend our dinner meetings in 2007-2008 to help usher in this new era of Professional Development. If anyone has any questions, please do not hesitate to contact:

Ed Falsetti
Professional Development Committee
 212.334.2025
ed.falsetti@burohappold.com

ASHRAE NEW YORK IS NOW PAPERLESS

EFFECTIVE AUGUST 2005, ASHRAE New York began e-mailing all monthly bulletins. This has helped defray the high cost of production, printing and mailing of the bulletin. Our monthly bulletins are also available on our web site for downloads.

By utilizing e-mail, ASHRAENY is also able to send reminders and other pertinent information to our membership in a relatively short manner.

If you have any concerns regarding our e-mail listing and privacy usage, please contact any member of the ASHRAENY Board of Governors. Contact information can be found at the back of this bulletin. Thank you in advance for your cooperation.

Likewise, if you are moving or change your address for any reason, please make sure to contact ASHRAE Society and update your information. We don't want to lose you!

Thank you for your patience as we shifted to a "paperless" bulletin and e-mail system. Please e-mail your updated e-mail address to bulletins@ashraeny.org to maintain your current address or get on the e-mail list.

2008 WINTER MEETING

The Winter 2008 Annual Trade Show and Winter Meeting will take place in New York City. ASHRAE New York is actively searching for people interested in helping ASHRAE run the show. If you are interested and would like to speak to someone concerning the event, please contact Joseph Azara (718.788.1040).

RESEARCH PROMOTION

Michel Rimpel – Chapter Chair

We would like to thank you for your past investment in ASHRAE Research, and hope that you and your company will once again make a significant investment in improving the way we live. Your generous contributions insure the future of our industry and influence our health and well being for today and for future generations. At the Society meeting in June 2005, five new research projects were approved at a cost of over \$650,000 thanks to funds received from last year's campaign. There are now 93 active research projects being underwritten by ASHRAE Research.

Please make an investment today by completing the information below and return it with your investment. It is with great pleasure and gratitude for me to be a part of ASHRAE and the New York Chapter, it is therefore with this motivation and drive that I call upon you to support our research and make this a better place to live in.

ASHRAE Research Promotion

I will support ASHRAE Research in the amount of \$ _____ (Check enclosed payable to ASHRAE Research)

Member Number: _____

Phone Number: _____

Name: _____

Company Name: _____

Address: _____

City/State/Zip: _____

Please Check One: Company Contribution Personal Contribution

Charge my gift to: Visa American Express

Credit Card # _____

Expiration Date: _____

Signature: _____

Send to: ASHRAE Research Fund
1791 Tullie Circle N.E.
Atlanta, GA 30329-2305

TECHNICAL PAPERS

The following technical papers can be downloaded from our website at www.ashraeny.org. If hard copies are needed, please contact any of the BOG of ASHRAENY.

Mold and Moisture Control Guidelines for Design, Remediation and Operation of HVAC Systems in New York City Buildings

By TEGA Committee of ASHRAE – NY Chapter

Summary Report of Refrigeration

By Operational Committee ASHRAE – NY Chapter

BOARD OF GOVERNORS HIGHLIGHTS

Ever wonder what we're talking about at our monthly Board meetings a week before the monthly dinner meetings? We discuss overall Chapter Operations and here are some of the items that we're discussing at present:

- Annual Dinner Dance was a success. We encourage our membership to participate.
- ASHRAE awarded three scholarships to students totaling \$6,000 for the academic year.
- Please check your e-mail to verify that you are receiving the bulletin – our new service provider is still receiving voided addresses. Please send your updated e-mail addresses to bulletins@ashraeny.org.
- Chapter is seeking membership from Practicing Institute of Engineers. This will help to serve our membership better with PDH awarding.
- Holding Student and Membership Promotion Nights at our dinner meetings and award membership certificates and scholarships.
- And last, but certainly not least, how best to serve our Membership... YOU!

And much, much more! Sound interesting? Anyone who is interested in helping out the Board of Governors on any one of our committees, events, or activities, please contact Brian Ryglewicz.

CALL FOR NEW MEMBERS

Do you have a colleague, coworker, friend or acquaintance that is interested in joining ASHRAE? If so, please pass this information along to them...

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) is an international organization of over 55,000 professional and 5,000 student members. ASHRAE's mission is to advance the arts and sciences of heating, ventilation, air conditioning, refrigeration and related human factors to serve the evolving needs of the public and ASHRAE members.

Membership in ASHRAE is open to any person associated with heating, ventilation, air conditioning or refrigeration (HVAC&R). As a member you will have access to state-of-the-art HVAC&R technology. Your membership will also provide many opportunities to participate in the development of that technology.

In addition to the NY Chapter, participation is available through membership on Society committees, such as standards projects committees, which are responsible for the development of standards and technical committees which advise the Society on research needs, emerging technologies, and technical matters. Technical education and information is the greatest benefit of ASHRAE membership.

Others include:

- ASHRAE Handbooks - the most widely cited reference source for HVAC&R technology in the world. ASHRAE members receive one volume of the ASHRAE Handbook (which sells for \$144) each membership year at no charge.
- ASHRAE Journal - a monthly magazine, reviews current HVAC&R technology of broad interest through publication of application-oriented articles.
- ASHRAE Insights - a monthly newspaper that provides news about ASHRAE at the chapter, region and Society levels.
- ASHRAE publications - some 300 current titles, which members are able to purchase at a 20% discount.
- ASHRAE educational products - ranging from the Society's semiannual conferences to home study courses.

For additional information on ASHRAE membership, please contact Ernest Gallo, NY Membership Chair at 718.793.6900.

MEMBERSHIP

The New York Chapter of ASHRAE is encouraging everyone to invite interested applicants to ANY Dinner Meeting to become a member of the Society. If you bring an applicant to any meeting you and the new member will receive a complimentary dinner. To receive the complementary dinner, the candidate must bring a completed application or fill in an application at the door. A \$150 membership fee is also required. Please bring cash or a check made payable to ASHRAE.

To all of our members we appreciate your membership and support. If you show up at a Dinner Meeting and your name is not on the list as a member of the New York Chapter we encourage you to check with ASHRAE and make sure you are listed under the New York Chapter. The New York City Chapter code is 008. If you don't specifically tell ASHRAE you will default to your listed address. Thanks again for your support."

For additional information please contact the New York Membership Chair, Ernest Gallo at 718.793.6900, or via email at egallo@accardicompanies.com.

ASHRAE CODE OF ETHICS

As a member of a Society "organized and operated for the exclusive purpose of advancing the arts and sciences of heating, refrigeration, air conditioning, and ventilation, the allied arts and sciences, and related human factors for the benefit of the general public," ASHRAE Bylaws, June '97.

We recognize that honesty, fairness, courtesy, competence and integrity must characterize our conduct. With the foregoing in mind: Our efforts shall be directed at all times to the enhancement of the public health, safety and welfare; Our services shall be offered only in areas of our competence; Our products shall be offered only in areas of their suitability; Our public statements shall be issued only in an objective and truthful manner; Our endeavors shall carefully avoid conflicts of interest; The confidentiality of clients' and employers' business affairs, proprietary information, and procedures shall be respected.

Approved by the Board of Directors, June 22, 1986. The ASHRAE Code of Ethics is applied to all members and compliance is required for honors and awards nominees. The Code is posted online at www.ashrae.org

ASHRAE UPDATES

ASHRAE & Elsevier Launch New eLearning System

CHICAGO – A new eLearning system is being launched by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) and Elsevier.

The system provides complete learning experiences that focus on learning-by-doing that can be taken at any time and at the learner’s own pace. It offers online instruction with interactive exercises and problem-solving demonstrations supplemented by authoritative course readers in eBook and printed formats.

The launch was announced at ASHRAE’s 2006 Winter Meeting held in Chicago from Jan. 21-25. The system also offers integrated assessment, skills tracking for earning CEU/PDH credits and online registration and retrieval of certificates of course completion.

The first course *Fundamentals of HVAC Systems* will be available April 14. The course will be supported by Learning Bursts, in-depth scenario-based training and simulation ASHRAE and Elsevier exercises with a heavy focus on applicability. Learning Bursts allow learners to apply the information presented and practice extensively without making costly mistakes in the real world.

“ASHRAE eLearning Systems from the ASHRAE Learning Institute offer a flexible, skills-focused, approach that meet today’s learning needs,” said Gordon V.R. Holness, PE, chairman emeritus, Albert Kahn Associates, Inc. Architects and Engineers. “These learning on-demand programs are backed up with authoritative references from the ASHRAE Learning Institute, providing the ‘real-world’ training experience that employers are seeking.”

“We believe the ASHRAE eLearning System will revolutionize HVAC&R professional development by allowing engineers to earn their CEU/PDH in an interactive online environment from their office or home without being burdened by the additional expense of accommodation and travel,” said Jim DeWolf, vice-president publishing with Elsevier. For more information about ASHRAE eLearning Systems, visit www.ashrae-elearning.org.

ASHRAE e-Learning Systems are the latest offering of the ASHRAE Learning Institute, www.ashrae.org/ali, the arm of the ASHRAE and Elsevier Society that produces seminars, courses and other professional development tools to assist the HVAC&R industry in staying current with rapidly changing technology.

Elsevier is a world-leading publisher of scientific, technical and medical information products and services. Elsevier’s 7,000 employees in 77 offices worldwide publish more

than 2,000 journals and 1,900 new books per year, in addition to offering a suite of innovative electronic products, bibliographic databases, and online reference works.

2007-08 DINNER MEETING SCHEDULE

Note: The schedule below is tentative and subject to change.

Date	Topic
October 23, 2007	Geothermal Energy
November 27, 2007 Membership Night	Renovation of Cooling Plant at Lincoln Center
January 29, 2008	Combustible and Toxic Gas Detection
February 26, 2008 Refrigeration Night	High Density Cooling Issues in Data Centers
March 25, 2008	TBD
April 22, 2008	TBD
May 27, 2008 Past President’s Night	TBD




**Dinner Meeting
COUPON**




NY Chapter **October** Dinner Meeting
For ASHRAE NY Chapter Members Only
Print & Present at Door to Receive
\$5 discount off the price of admission
(Discount does not apply to Guests or Students)

FROM THE EDITOR'S DESK

The ASHRAE Chapter Bulletin should reflect the opinions, activities and needs of its members. We represent an active membership and the Bulletin can provide a valuable and enjoyable forum for news of our individual members. Any announcements of interest, as well as letters, opinions, questions or comments should be address to: Neville Burrows, EME Group Consulting Engineers, 159 West 25th Street, New York, NY 10001 – nburrows@emegroup.com.

DISCLAIMER

"ASHRAE has compiled this publication with care, but ASHRAE has not investigated, and ASHRAE expressly disclaims any duty to investigate any product, service, procedure, design or the like which may be described herein. The appearance of any technical data, editorial material, or advertisement in this publication does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, procedure, design or the like. ASHRAE does not necessarily agree with any statement or opinion in this publication. The entire risk of the use of any information in this publication is assumed by the user. Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without special permission".

MONTHLY DINNER LOCATION

Annie Moore's: 50 East 43rd Street, New York, NY
(Between Madison & Vanderbilt) 212.986.7826

PARKING INFORMATION

If you are driving to the meeting, we suggest you park at the Edison Park Fast at the Hippodrome Garage. It costs \$12 if you enter after 5:30pm. If you enter before 5:30pm and after 4:00pm, the cost is \$23.

**Hippodrome Garage (Edison Park Fast)
44th Street @ 6th Avenue**

(Rates include tax. Not to be combined with the Parking License Card. Oversized vehicles slightly higher)

To view current resumes and/or employment opportunities, check out our new student center, or get the latest ASHRAE information, visit our web site at: www.ashraeny.org. To post resumes or job opportunities, please contact Neville Burrows at 212.529.5969 or nburrows@emegroup.com.

Remember you must be a current ASHRAE member to utilize this service.



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Neville Burrows	212/529.5969	Lou Rugulo, P.E.	732/967.0591
John Chernansky	212/731.2020	Michael Sherber	212/334.2025
Ed Falsetti, P.E.	212/334.2025	Peter Unrath	718/729.3801
Ernest Gallo	718/793.6900	Alexander Weiss, P.E.	718/251.1154

OPERATIONAL COMMITTEES

ASHRAE WINTER MEETING **Joe Azara, Jr., J. Thuman, M. Merdinger**
ALL DAY SEMINAR **Om Taneja, J. Chernansky, C. Vogel, M. Rimpel**
ARCHIVIST **Brian Azara**
AUDIT **Gene Geyer, J. Thuman, M. Ramnarine**
BULLETIN/JOURNAL **Neville Burrows, Kevin Gallen**
BY LAWS/GUIDELINES **Richard Batherman**
CRC ACTION **Eric Glatzl, R. Batherman, E. Falsetti**
DINNER DANCE **Brian Azara**
DINNER DANCE JOURNAL **Richard Batherman, T. Tekin**
FIELD TRIP **Richard Batherman**
HISTORIAN **Alexander Weiss**
HONORS & AWARDS **Robert Gibson**
LECTURE SERIES **Lou Rugulo, N. Burrows, R. Batherman, O. Taneja**
MEMBERSHIP/E-MAIL/MARKETING **Ernest Gallo, E. Glatzl, J. Azzopardi**
MEMBERSHIP ROSTER **Meraj Ramnarine**
NOMINATING **John Chernansky, E. Glatzl, G. Geyer**
PROFESSIONAL DEVELOPMENT (PDH) **Ed Falsetti, B. Ryglewicz, E. Glatzl, O. Taneja, A. Weiss**
PROGRAM **Eric Glatzl**
PUBLIC RELATIONS **Monica Perl**
RECEPTION **Peter Unrath, A. Weiss**
RECREATIONAL OUTINGS **Ernest Gallo**
REFRIGERATION **Peter Unrath, A. Weiss**
RESEARCH PROMOTION **Michel Rimpel, E. Glatzl**
STUDENT ACTIVITIES **Alexander Weiss**
TEGA/CTTC LIAISON **Michael Sherber**
WEB SITE/"PAPERLESS" BULLETIN **Kevin Gallen, A. Weiss**
YOUNG ENGINEERS NIGHT **Neville Burrows, M. Koerner, B. Azara, K. Gallen, E. Glatzl**

ASHRAE REGION 1 EXECUTIVE COMMITTEE 2007-2008

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