



October 2008

Vol. 46, No. 2

Visit our website at [www.ashraeny.org](http://www.ashraeny.org)

### OCTOBER DINNER MEETING

*Date:* Tuesday, October 28, 2008

*Location:* **Annie Moore's**  
50 East 43<sup>rd</sup> 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 Joseph Azzopardi one week prior to the meeting at [lazzow@yahoo.com](mailto:lazzow@yahoo.com)*)

7:30 – 8:30 PM: Technical Presentation  
*Speaker:* John Bender, P.E.  
MWSK Geothermal Inc.

*Topic:* **Geothermal Systems**  
The Good, the Bad and the Ugly

*Theme:* **Member Night\***

*Cost:* Student Members - \$20  
YEA Members - \$30  
NY Chapter Members - \$35  
Non-Members - \$40

#### 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.**  
**PE's are eligible for 1 PDH Credit Pending**

\*Members receive a complimentary ASHRAE Beer Mug

### In this Issue...

- *Presidents' Messages* pg 2
- *Board of Governors Highlights* pg 3
- *Student Report* pg 3
- *History Report* pg 3
- *Chicago Winter Meeting* pg 4
- *ASHRAE Government Updates* pg 4-5
- *Professional Development Hours* pg 6
- *Research Promotion* pg 7
- *Membership* pg 8
- *Dinner Meeting Schedule & Directions* pg 9
- *Classifieds* pg 10
- *Officers, Committees, Contacts* pg 11

### OCTOBER DINNER SPEAKER/TOPIC

John Bender manages MWSK Geothermal Inc., a manufacturer's rep firm based in New York City. MWSK Geothermal specializes in both geothermal ground source and heat recovery systems. Prior to joining MWSK John worked at Water Furnace International, a geothermal heat pump manufacturer and loop field installer. At Water Furnace John assisted engineers and contractors throughout the United States and Canada with geothermal system design, trouble shooting, and payback enhancement (KW reduction). Prior to working at Water Furnace John worked as a sales rep for McQuay International in Chicago and New Jersey as well as McQuay International corporate in Plymouth, MN.

John has a Bachelor of Science in Engineering from Purdue University in West Lafayette, IN. He is a licensed Professional Engineer.

### Topic

The use of geothermal systems in commercial buildings is growing throughout the country. In this presentation, John Bender of MWSK will present information about different geothermal systems. The focus will be on fundamental differences between successful and unsuccessful projects throughout the country. The course material will use graphs, piping schematics, and sample ground loop selections to demonstrate how one system can work well and another can under perform or fail.

John will compare and contrast open loop and closed loop geothermal systems – both successful and unsuccessful. The objective will be to clearly identify the principle items of a good design and also a bad design.

Informal discussions with the audience will be ongoing throughout the presentation. After the conclusion of the hour presentation, the presenter will open the floor to further discussion and questions. Some questions he may ask the audience to assess learning are:

- What are some fundamental rules for mechanical engineers to follow with geothermal design?
- Which systems are more efficient, water to air or water to water?
- How does a bad system design get fixed once it is installed?
- What questions should be asked of a ground loop consultant?
- How does NYC compare to the rest of the state, country and world as far as geothermal systems?

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### **PRESIDENT'S MESSAGE**

*by Om Taneja, P.E.*

We are all facing uncertain times. With escalating energy costs, an economic downturn and unregulated emissions of greenhouse gases projected to adversely impact quality of life, challenges for our communities in general, and for ASHRAE in particular are enormous. That is why it was promising to see so many young faces coming to the ASHRAE



NY Chapter's Dinner Meeting on September 23<sup>rd</sup>. They all had the passion to give back to the society and meet these challenges head-on with creative and sustainable solutions.

ASHRAE NY wants to broaden its mission of engaging all stakeholders having a role in design, construction and operations and maintenance of facilities in the dialogue about the art and science of environmental controls, indoor air quality, sustainability and energy efficiency. We plan to partner with other area professional societies to enhance our outreach. But more importantly, we want students, young engineers and new members to join ASHRAE and participate more actively in Chapter activities and help us launch activities that would help us all meet the enormous challenges we face.

The October 28<sup>th</sup> Dinner Meeting is a "Membership Night" and we invite more people to Join ASHRAE, network with diverse people with similar interests, suppliers, distributors, designers and owners who manage a plethora of companies and can be a great resource for your professional growth. We want to encourage more students to go into HVAC and related fields, by offering more scholarships or awards for special projects. Apply to ASHRAE NY for scholarships and submit your design projects for consideration of awards and acknowledgement. We still need more experienced and senior members who can mentor students and young engineers and share your wisdom and special experiences. We have lowered costs for monthly dinner meetings so that more of you can come and enjoy the benefits of networking and presentations by esteemed speakers.

It is difficult for any of us to face the current and new challenges alone. Becoming part of a progressive professional 50,000 members-strong organization like ASHRAE, we can learn, share, and implement measures that make meeting challenges head-on fun.

Hope more and more of you would join ASHRAE and see first hand the invaluable benefits such membership can bring.

## 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:

- 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](mailto: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 Om Taneja.

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## STUDENT REPORT

*by Alexander Weiss, P.E.  
NY Chapter Student Activities Chair*

The September Student Night was really great. The attendance was at 100% capacity of the room. Nineteen student members were present.

We were honored to have Technical Career Institute's Dean, Regina Cahill, attending Student Night. Student Advisor, Jerry Zak, was also present. Our guest speaker, Robert Daly, Technical Director of Department of Buildings' Boiler Division, addressed the students after the ASHRAE and NY Chapter Scholarship Award presentation.

The Frank M. Coda Scholarship was presented to Martin Nolan, City College of New York student member by Ms. Joyce Coda. The New York Chapter Scholarship Award was presented to two TCI students, Elenin Rodriguez and William Cajas. ASHRAE and New York Chapter fully support students and their endeavor to

become HVAC&R industry experts and willingness to actively participate in college, community, and ASHRAE activities.

The New York Chapter is now accepting 2008-2009 Scholarship application. The deadline for submitting the scholarship application is December 31, 2008. We encourage student members with good academic records to apply for scholarship. The scholarship applications will be reviewed by Student Activities Committee and presented to the NY Chapter Board of Governors in February.

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## HISTORY REPORT

*Alexander Weiss, P.E.  
NY Chapter Historian*

On October 24<sup>th</sup> of this year, the New York Chapter of ASHRAE will be 97 years old. The New York Chapter was organized in 1911, 17 years after American Society of Heating and Ventilation Engineers was established in 1894. William M. Mackay, an ASHRAE founding member, became the first President of the NY Chapter. Mackay was a consulting engineer, manager of New York Radiator, Co., and New York Branch Manager of Hart & Crouse, Co.

The New York Chapter is not the first Society Chapter. The Illinois Chapter was formed in Chicago on December 1906. In 2000, The Illinois Chapter merged with the Chicago Chapter. Today the Illinois Chapter belongs to Region VI and has more than 1,000 members. The Illinois Chapter was feeling lonely in those early years of the Society, so members of the Chapter suggested that New York Chapter should be formed. After the New York Chapter was established in 1911, the Boston Chapter followed in 1912. As more Chapters were organized ASHVE was able to grow as a National Society addressing the needs of the industry on the national level.

The November dinner meeting is the History Night. History does not mean that only retired engineers should come to the meeting. We know that a lot of engineers will come because of technical presentation and PDH's the professional engineers need for compliance with the NYS Department of Education Law. And, of course, we expect students to come and learn about history of ASHRAE and New York Chapter.

## ASHRAE RETURNS TO CHICAGO FOR WINTER CONFERENCE AND AHR EXPO



Chicago, with one of the most recognizable skylines in the United States, has long-standing status as a livable urban center. That the city has stood the test of time makes it the perfect backdrop for this year's ASHRAE Winter Conference theme:

*Sustainable Urban Design:  
Engineering Tomorrow...Today.*

The Palmer House Hilton will once again host ASHRAE January 24 – 28, with the ASHRAE co-sponsored AHR Expo taking place Jan. 26-28 at McCormick Place. The conference promises to be a great way to kick off the new year, with opportunities to interact with colleagues, learn technical information, and hear Keynote Speaker Chris Luebke of Arup speak on sustainability and thoughtful design and Technical Plenary speaker Adrian Bejan, Ph.D., explain technical evolution through “constructal theory” which he says can predict how everything flows through time and space.

The technical program highlights the conference theme and will feature presentations on energy conservation, indoor environmental quality, sustainability efforts and more that will help you earn your PDHs. Seeking to create additional value for Expo and Conference attendees, ASHRAE is launching “Wednesday Welcome,” at which all ASHRAE technical program sessions on Jan. 28 take place at McCormick Place. The “Wednesday Welcome” includes 18 hands-on, applications-type programs, held from 9 a.m. to 1:30 p.m., leaving the afternoon open to tour the Expo with more than 1,850 exhibits covering a world of equipment, systems, components and technology for the building industry. Admission to the “Wednesday Welcome” is included with your full ASHRAE Winter Conference registration or you can purchase a ticket for the full day for \$99.

You can also earn PDHs and CEUs at Professional Development Seminars and Short Courses brought to you by the ASHRAE Learning Institute.

Networking opportunities and chances to see Chicago are plentiful at the ASHRAE Winter Conference. Meet with old friends at the Welcome Party, Presidents Luncheon and Member's Night Out. Technical tours of the city take you to the Intercontinental Hotel and The Art Institute of Chicago and you can see mansions and temples of the city, or take a cooking class on one of the general tours.

For complete, updated information and to register for the ASHRAE Winter Conference, go online to [www.ashrae.org/chicago](http://www.ashrae.org/chicago). Visit [www.ahrexpo.com](http://www.ahrexpo.com) to learn more about the AHR EXPO.

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## ASHRAE GOVERNMENTAL UPDATES

### Michigan Requires 10% Renewable Electricity by 2015

Michigan Governor Jennifer Granholm approved an energy package that includes a requirement for 10% of the state's electricity to come from renewable energy sources by 2015. SB 213 allows the use of industrial cogeneration to meet up to 10% of the renewable energy requirement, and other advanced energy systems, load management programs, or energy efficiency programs could be used to meet that portion of the requirement, but only with PUC approval. The bill also requires the PUC to establish a statewide net metering program, allowing customers with renewable energy systems to earn credit for power fed back into the electrical grid.

SB 213 also mandates electric utility plans for energy efficiency and load management, as well as energy efficiency plans for natural gas utilities, with requirements for electric utilities to reduce their electricity sales by 5.5% by 2015, and for natural gas utilities to reduce natural gas usage by nearly 4% by 2015. The PUC could even decouple revenue from sales for natural gas utilities with aggressive energy efficiency programs. Large customers can also opt out of the energy efficiency programs if they institute their own self-directed energy efficiency program. The bill also establishes an energy efficiency program for the Michigan State government, with a goal of reducing grid based energy purchases by 25% by 2015. As a complement to SB 213, SB 1048 provides a 10% tax

credit for energy efficiency improvements to homes. See the governor's press release

(<http://www.michigan.gov/gov/0,1607,7-168--201273--00.html>).

### **Scorecard Rates State Energy Efficiency Programs**

California tops the list of U.S. states employing energy efficiency as the "first fuel" to grow their economies while meeting electricity demand, combating global warming, and contributing to U.S. energy security, according to a new report released by the American Council for an Energy-Efficient Economy (ACEEE). *The 2008 State Energy Efficiency Scorecard* rated and ranked state-level action on model energy efficiency policies, programs, and practices. With California claiming the number one ranking, Idaho rated as the "most improved" state since ACEEE's first state scorecard report graded state action through 2006.

ACEEE's state-by-state analysis found that California was followed by Oregon, Connecticut, Vermont, New York, and Washington. Minnesota and Massachusetts tie for seventh place with Wisconsin and New Jersey rounding out the final two spots in the top ten.

The most improved states since the 2006 scorecard was issued were Idaho (from 25th ranked to 13th ranked), Florida (from 29th to 19th tied), Maryland (from 20th to 12th), Ohio (from 27th to 19th tied), Illinois (from 26th to 19th tied), Louisiana (from 42nd to 35th), Arkansas (from 45th to 38th), and Virginia (from 38th to 32nd).

The report ranks states on a broad array of energy efficiency policy initiatives, including: Utility-sector and public benefits efficiency programs and policies; Transportation and land use policies; Building energy codes; Combined heat and power (CHP); Appliance efficiency standards; Energy efficiency in public buildings and fleets; Research, development, and deployment (RD&D); Financial incentives for efficient technologies; *The 2008 State Energy Efficiency Scorecard* report is available for free download at

[www.aceee.org/pubs/e086.htm](http://www.aceee.org/pubs/e086.htm)

### **EIA Releases CBECS End-Use Data Tables**

End-use consumption data tables for the 2003 Commercial Buildings Energy Consumption Survey (CBECS) are now available. The tables (in PDF, Excel, and HTML formats) show major end-use consumption for electricity, natural gas, fuel oil, district heat, and major fuels for all commercial buildings and non-mall commercial buildings. End-use

consumption is the disaggregation of total consumption into consumption specifically for uses such as heating, cooling, lighting, water heating, and office equipment. The tables may be accessed at:

[http://www.eia.doe.gov/emeu/cbecs/cbecs2003/detailed\\_tables\\_2003/detailed\\_tables\\_2003.html#enduse03](http://www.eia.doe.gov/emeu/cbecs/cbecs2003/detailed_tables_2003/detailed_tables_2003.html#enduse03).

### **New Reports Note Potential for Millions of Green Jobs**

Global efforts to tackle climate change could result in millions of "green" jobs over the coming decades, according to a recent study. The study, prepared by the Worldwatch Institute with funding from the United Nations Environment Programme (UNEP), found that the global market for environmental products and services is projected to double from \$1.37 trillion per year at present to \$2.74 trillion by 2020, with half of that market in energy efficiency. It also notes that the energy supply sectors will be particularly important in terms of their environmental, economic, and employment impacts, particularly the renewable energy industry and those related to buildings, transportation, industry, agriculture, and forestry. The report notes that 2.3 million people have found renewable energy jobs in recent years, and projected investments of \$630 billion by 2030 would translate into at least 20 million additional jobs. See the report on the UNEP Web site: [http://www.unep.org/labour\\_environment/features/greenjobs-report.asp](http://www.unep.org/labour_environment/features/greenjobs-report.asp).

The U.S. Conference of Mayors released a report in early October that finds the U.S. economy currently generates more than 750,000 green jobs, while over the next 30 years, an emphasis on clean energy could cause that number to grow five-fold, to more than 4.2 million jobs. Engineering, legal, research, and consulting jobs currently dominate the green jobs in the United States and could grow by 1.4 million by 2038, while renewable electricity production will create 1.23 million jobs, alternative transportation fuels will add 1.5 million jobs, and building retrofits will create another 81,000 jobs. The report notes that most of today's jobs are in metropolitan areas, led by New York City; Washington, D.C.; Houston, Texas; and Los Angeles, California, and it lists current and projected green jobs by metropolitan area. See the press release

(<http://www.usmayors.org/pressreleases/uploads/greenjobsrelease.pdf>) and the full report

(<http://www.usmayors.org/pressreleases/uploads/GreenJobsReport.pdf>).

## 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 may be eligible to 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 may be eligible to receive up to eight (8) PDH's for that year. That combined with a Chapter All Day Seminar awarding up to seven (7) PDH's (equaling a potential total of 15 PDH's for a year), means a P.E. may be able to 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 be eligible 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.** For meetings that have been approved for a PDH, a certificate stating you attended the meeting will be made available at 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 \$20 for Student Members, \$30 for YEA Members, \$35 for NY Chapter Member and \$40 for Non-Members to attend a NY Chapter dinner meetings. **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 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](mailto: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](mailto:bulletins@ashraeny.org) to maintain your current address or get on the e-mail list.**

**RESEARCH PROMOTION**

Brian W. Ryglewicz, Research Promotion Chair

The Research Promotion Campaign annually raises funds to support ASHRAE’s research program. It is conducted by the Society’s membership through local chapter volunteers and receives over 7,000 contributions each year from the membership and companies associated with the HVAC&R industry. Of these 7,000 contributors, about 50 are from our chapter.

This annual support totals more than \$1.5 million annually and is matched dollar-for-dollar by ASHRAE from the proceeds of the annual winter AHR Exposition. Since ASHRAE pays all the fund raising expenses, 100% of every donor’s invested dollar goes into the research program.

The New York City Chapter is expected to raise approximately \$25,250.00 towards the overall goal, but I believe our chapter is capable of much greater. After discussion our goal with ASHRAE Life Member Dick Batherman, I believe that the New York City Chapter should set its goal at \$30,000. The Chapter is counting on the continued support of our past contributors who generously supported us last year. We also look forward to gaining the support of new contributors. The Chapter will be recognizing contributors at the Monthly Dinner Meetings, in the Monthly Bulletin and at the Chapter’s website.

You can make your contribution several different ways:

- Attend a Monthly Dinner Meeting and deliver your personal check (made payable to “ASHRAE Resource Promotion”) to me. I will send the donation to ASHRAE for you.
- Attend a Monthly Dinner Meeting, prepare a Contribution Form and contribute via a major credit card.
- Go to [https://www.ashrae.org/aboutus/resource\\_promotion.asp](https://www.ashrae.org/aboutus/resource_promotion.asp).
- Complete the form on this page and mail to:

NYC ASHRAE Research  
c/o Chimney Design Solutions, Inc.  
110 W. 40th Street #307  
New York, NY 10018

All four methods require your ASHRAE membership number and the NYC Chapter’s number (008). Thank you again for all your support and I look forward to a great year!

**Research Promotion Contribution Form**

PLEASE COMPLETE THE INFORMATION & RETURN WITH YOUR CONTRIBUTION TO:

NYC Chapter of ASHRAE  
c/o Chimney Design Solutions, Inc.  
110 W. 40<sup>th</sup> Street #307  
New York, NY 10018  
212-685-7077

Please accept my research investment in the amount of \$ \_\_\_\_\_

Name \_\_\_\_\_ ASHRAE Member \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip Code \_\_\_\_\_

Please check one of the following:    ( ) Individual Contribution    ( ) Corporate Contribution

Charge my donation to: ( ) Visa    ( ) MasterCard    ( ) American Express

Credit card # \_\_\_\_\_ Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

Donors will be recognized at the Monthly Dinner Meetings, in the Monthly Bulletin and at the Chapter’s website. Honor Roll donors are listed in the ASHRAE Journal (October 2009) and will receive a commemorative coin. Honor Roll level is \$100 for individual donors and \$150 for corporate donors. Contributions of \$250 or more are considered Major Donors. For recognition and other information regarding Major Donors, please contact Brian Ryglewicz at 212-685-7077. All contributions are tax deductible.

## 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.

## WELCOME NEW MEMBERS

*Associate Members:* **Samuel Mason, Kenny Mak  
Larry Scholl, Steve Mignogna,  
Anubhav Maheshwari**

*Student Member:* **Kazimierz Bigus**

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## 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 **\$165 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](mailto:egallo@accardicompanies.com).

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## 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](http://www.ashrae.org)

**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 25<sup>th</sup> Street, New York, NY 10001 – [nburrows@emegroup.com](mailto: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".

*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](http://www.ashraeny.org). To post resumes or job opportunities, please contact Neville Burrows at 212.529.5969 or [nburrows@emegroup.com](mailto:nburrows@emegroup.com).*

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



**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 \$14 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)**  
**44<sup>th</sup> Street @ 6<sup>th</sup> Avenue**

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

**2008/09 DINNER MEETING SCHEDULE**

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

Date	Topic/Speaker
October 28, 2008 <b>Membership Night</b>	Geothermal The Good, the Bad and the Ugly <i>John Baker</i>
November 25, 2008 <b>History Night</b>	Solar Energy <i>Steven Strong</i>
January 28, 2009 <b>Refrigeration Night</b>	Variable Refrigerant Flow <i>Speaker TBD</i>
February 24, 2009 <b>Young Engineer’s Night</b>	Microturbines <i>Speaker TBD</i>
March 24, 2009 <b>Research Promotion Night</b>	ASHRAE Standard 189 <i>Dr. Tom Lawrence</i>
April 24, 2009 <b>ASHRAE and NSPE Joint Meeting Night</b>	Absorption Chillers <i>Speaker TBD</i>
May 26, 2009 <b>Past President’s Night</b>	Thermal Storage <i>Speaker TBD</i>

# CLASSIFIEDS

**ACCARDI COMPANIES**  
*INNOVATIVE COMBUSTION SOLUTIONS*



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