



November 2007

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NOVEMBER DINNER SPEAKER/TOPIC

Patrick Regan is an Associate and mechanical engineer at Arup for the past ten years. His experience in the building services profession spans over 20 years including seven of them in the Arup London office before transferring to New York in 2004. Having worked in fully integrated architectural, structural and MEP practices throughout his career, he has extensive design and construction knowledge as well as construction administration experience.

In addition to ASHRAE, Patrick is an active member in the Chartered Institute of Building Services Engineers (CIBSE) and currently holds the position of Mechanical Services Skills Network Representative for Arup. Some of his noteworthy projects include the New York Public Library, Lincoln Center for the Performing Arts, Raleigh-Durham International Airport, New York State Theatre and the Nassau County Aquatics Center.

Renovation of the Cooling Plant at Lincoln Center

Arguably one of the most famous venues in the world for the performing arts, Lincoln Center has been a New York iconic landmark for the past 40 years. At the time of its construction, the central cooling and heating plant was state-of-the-art however, compared to current technology, energy efficiency, on site and remote monitoring, the central plant at Lincoln Center is in need of a complete upgrade. This presentation will highlight one engineering firm's design task to do so.

Patrick intends to convey practical knowledge of the complete upgrade of the 10,000 ton cooling plant at Lincoln Center highlighting the overall plant upgrade and phasing plan and the improvements to the energy efficiency of the plant.

**NOVEMBER DINNER MEETING
MEMBERSHIP NIGHT**

Date: Tuesday, November 27, 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 Joseph Azzopardi one week prior to the meeting at lazzow@yahoo.com)

7:30 – 8:30 PM: Technical Presentation
Speaker: Patrick Regan
ARUP

Topic: Renovation of the Cooling Plant at Lincoln Center

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

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

- When was the central plant at Lincoln Center constructed and what are some reasons for upgrade?
- What equipment in the central plant would be considered to have poor energy efficiency by today's standards?
- What are some of the ways the energy efficiency of the central plant was improved?
- What are some of the advantages of upgrade the current central plant BMS?
- What design aspects received NYSERDA rebates?



Scott Sherwood presenting Geothermal Energy Lecture at last month's dinner 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.

PRESIDENT'S MESSAGE

by Brian Ryglewicz

Our November Dinner Meeting is traditionally our Membership Promotion Night and this year we are going to take it a step further to not only encourage new enrollment but to reward our current members. Firstly, we have the pleasure of welcoming the current ASHRAE President, Ken Peterson, to our Dinner Meeting for the evening. I encourage all of you to save the date and take some time to meet Mr. Peterson while he visits our chapter. In addition, the applying members and the current members that bring their ASHRAE Membership Card will receive an ASHRAE Lapel Pin as gratitude for their membership.

Patrick Regan of Arup will be presenting a course on the Renovation of the Cooling Plant at Lincoln Center. Last month we have 67 people attend the Dinner Meeting which presented Scott Sherwood's course on Geothermal Energy.

As always, there is a 10% off coupon (for members) in this bulletin so do not forget to bring it to the meeting. I look forward to seeing you there!

STUDENT ACTIVITIES

By Alexander Weiss, PE
Student Activities Chair

We would like to say thank you to Tarra Holman, Assistant Manager of Student Activities, ASHRAE, for assisting NY Chapter Student activities in our work with Student Chapters.

We had good student attendance at the September dinner meeting. We hope that students will become more involved in ASHRAE sponsored programs and NY Chapter activities. The ASHRAE Winter Meeting and AHR EXPO in January 2008, in NYC, will be a great educational experience for ASHRAE members and particularly for students.

NY Chapter will have a Student Night at the January dinner meeting. We anticipate that the students of City College of New York (CCNY), New York City College of Technology (NYCCT), and Technical Career Institutes will showcase displays for the Student Night.

More than 35,000 runners participated in annual NYC marathon on November 4th. This was the first marathon for Roberto Talavera, President of CCNY Student Branch. Roberto finished 26.2-mile race in 4:13:21. Congratulations to Roberto.

Prof. Alfred Finger, Life Member, is helping to revive NYCCT Student Branch activity. So far, I met with students and talked to them about ASHRAE, ASHRAE programs for students, the upcoming Winter Meeting and AHR EXPO, and NY Chapter activities. We are very optimistic about the Student Branch at NYCCT.

Jerry Zak, TCI Student Branch advisor, actively supports Student Branch activities and students endeavor to succeed in the field of HVAC&R. TCI sponsored four-day student trip to ASHRAE Indoor Air Quality conference in Baltimore. Students learned a lot and had a great opportunity for networking with industry experts. TCI students also attended annual ABCO EXPO in Queens, NY. Manufacturers presented latest development in efficient refrigeration equipment design and refrigerant use.

You can reach Alex at weisseng@yahoo.com for questions and recommendations.

STUDENT CHAPTER REPORT

As the student chapter of ASHRAE at City College continues growing, it prepares itself for some exciting activities over the next few months. A contingent of student members is gearing up for the *USGBC Emerging Green Builders NY Career Fair*, to be held in downtown NYC on November 17th. Additionally, the ASHRAE design competition team continues building resources and developing its entry for submittal in the spring, scouring Standards and current technology journals for novel approaches to traditional problems. All that and more are making for a very exciting time at ASHRAE-CCNY.

STUDENT DESIGN PROJECTS

Three great programs available to NY Chapter students through ASHRAE!

1) **ASHRAE Senior Undergraduate Project Grant** applications are due on December 15, 2007. If you have a potential research project for undergraduate students in mind for next year, don't hesitate – apply now! For more information on the program, go to the ASHRAE StudentZone at <http://www.ashrae.org/students>, and select the *Scholarships, Grants and Design Competition* section, and review *Senior Undergraduate Project Grants*. Only electronic entries are accepted.

2) The **ASHRAE Student Design Project Competition** files are now posted on the Student Zone website. Use this opportunity for your senior design course to provide your students with a real design challenge in three categories: HVAC system selection, HVAC system design, and architectural design. For more information, visit the ASHRAE StudentZone at <http://www.ashrae.org/students>, and select the *Scholarships, Grants and Design Competition* section, and review *Design Competition 2008*.

3) The **ASHRAE Winter Meeting** will be held in New York City January, 2008! There is a special student program, an exceptional technical program, and access to the AHR Expo for all ASHRAE student members. We encourage students to consider this great learning opportunity! For more information, visit the **ASHRAE Meetings** website, or email students@ashrae.org with questions.

**GREEN DRINKS NYC PRESENTS
THE 6TH ANNUAL BIG GREEN HOLIDAY PARTY
& SILENT AUCTION**

New York City... On Tuesday December 11th, 2007, Green Drinks NYC, the largest monthly green networking group in NYC will host the 6th Annual Big Green Holiday Party & Silent Auction at BLVD (199 Bowery at Spring) to thank the many people, companies, services and organizations working as a positive force in the environmental movement.

Last year's Big Green Holiday Party had over 800 attendees with Alex Steffen, the Editor of World Changing, A User's Guide for the 21st Century, as our special guest speaker. Quality green holiday prizes such as a Herman Miller Celle Chair, Free tuition course in Conservation Biology at The Brooklyn Botanical Garden, A spa day at Priti Organic Spa, a Citizen Eco-Drive watch and a 5-day stay at The Harmony Hotel, an Eco-Resort in Costa Rica were given away free. Green Drinks NYC works with the venue and partnering organizations to try to make it as green as possible from cleaning products, energy off-sets, organic food, recycled content plates, cups, and more.

This year marks the first Silent Auction designed to encourage non-profits to go out and get the best donated prize / article for bid, and the entire winning bid goes directly back to that organization. It's a way of partnering with the many hard-working non-profit groups to drum up support for their mission, and to share and give back in the spirit of the holiday season. A smaller Raffle will also be held with free prizes.

Green Drinks is an international networking group that has grown to over 282 chapters cities around the world with Kabul, Afganistan as the most recent to join. It happens once a month at different locations and is a unique opportunity to meet and mix with other like-minded people.

The NYC Chapter of Green Drinks began in 2002 by Margaret Lydecker, Principal of Brite Green Sustainability Advisors, a consulting group that works with creative industries integrate sustainable practices into their work. She is also linked to The Sundance Channel's green block as a researcher for Big Ideas for a Small Planet.

Green Drinks NYC gatherings, held on the 2nd Tuesday of each month, reach over 8,000 people in the NYC area and have an average attendance of 400 people. Green Drinks NYC launched a "2 Minute Pitch" earlier this year, giving organizations and businesses the opportunity to speak for two minutes directly to the attendees.

To get on the list to receive monthly email reminders from Green Drinks NYC write to nyc@greendrinks.org.

What is your "six degrees of green?" See you at the next Green Drinks NYC!

For more information on this event and the on-going monthly events around the world visit <http://www.greendrinks.org> or the NYC Chapter site <http://www.green-links.org/>

Contact: Donna McGovern
Green Drinks NYC
Holiday Event Coordinator
917.589.3103

**NY CHAPTER CONGRATULATES
ROBERTO TALAVERA**

"First time NYC marathon runner"



Roberto Talavera is the President of ASHRAE City College of New York Student Branch. He made an excellent run. Roberto finished the race in 4:13:21 as he ran 26.2 miles (over 42,195 meters) starting in Staten Island and running through all the boroughs in the City, finishing in Central Park. As Roberto describes it in his own words it "was honestly a wonderful experience".

ASHRAE GOVERNMENTAL UPDATES

DOE Launches New K-12 Energy Curriculum Web Site

The U.S Department of Energy (DOE) announced the launch of a new educational Web site that provides more than 350 lesson plans and activities on energy efficiency and renewable energy for grades K-12. DOE's new "Get Smart About Energy!" Web site includes hands-on activities that address energy fundamentals, energy efficiency, sources of energy, and the environmental impacts of energy use, and all the activities and lesson plans are aligned with the National Science Education Standards. Teacher guides are included with many of the lessons, and all the materials are free and reproducible. The Web site will help to equip today's students with the knowledge and resources to develop cutting-edge energy technologies in the future. See the "Get Smart About Energy!"

<http://www.eere.energy.gov/education/lessonplans/>

The new Web site is part of DOE's EnergySmart Schools Program, which also promotes energy efficient schools. K-12 schools spend more than \$8 billion annually on energy, making energy the second highest operating expenditure for these schools after personnel costs. To help lower those costs, the EnergySmart Schools program promotes the building of new schools that exceed code by 50% or more, as well as retrofits to existing schools that improve energy efficiency by 30% or more. The program is endorsed by the National School Boards Association and offers tools and resources to assist school decision makers in planning and financing energy-efficient high-performance schools. The program also offers education and training for building industry professionals. See the newly updated EnergySmart Schools

<http://www.eere.energy.gov/buildings/energysmartschools/>

DOE Announces \$44 Million to Provide Net-Zero-Energy Homes

DOE announced that more than \$44 million would be invested in four Building America teams over the next five years. The funds will be used to develop net-zero-energy homes that consume 70% less energy than conventional homes. Energy Secretary Samuel Bodman announced the funding awards in an appropriate setting: at the closing awards ceremony of the Solar Decathlon,

where university teams displayed their own net-zero-energy homes.

From fiscal year 2008 to 2012, DOE plans to award \$40 million to the Building Science Corporation; IBACOS; the Consortium of Advanced Residential Buildings; and the Building Industry Research Alliance, as well as a consortium of academic and building industry leaders. DOE is also awarding \$4.1 million to two regional building technology application centers that will accelerate the adoption of new and developing energy-efficient technologies. The two centers, located at the University of Central Florida and Washington State University, will serve 17 states, providing information and training on commercially available energy-efficient technologies.

This funding is part of Building America, a DOE-sponsored private and public partnership that conducts research to find energy efficiency solutions for new and existing housing. Building America combines the knowledge and resources of industry leaders with the DOE's technical capabilities. Together, they act as a catalyst for change in the home building industry, with the aim of developing affordable net-zero-energy homes by 2020. See the Building America Web site http://www.eere.energy.gov/buildings/building_america/

U.S. Capitol Dome Looking for New Efficient Lighting

House Chief Administrative Officer Dan Beard has put out a solicitation request to vendors asking for design proposals that would modernize the Dome's outdated lighting system. Officials are seeking designs that would enhance the exterior and architecture of the Capitol at night while also incorporating energy-saving lighting designs and sustainability. The design also must take into account the historical elements of the Capitol, according to the solicitation request.

Solicitation submissions are due to the CAO's office by Nov. 19, and officials are not yet sure how much the project will cost. While they hope to begin actual work sometime early next year, that depends on what happens with the legislative branch appropriations bill. Changing the way the Capitol complex is lit is a key component of the Green the Capitol Initiative report, which Beard presented to Speaker Nancy Pelosi (D-Calif.) earlier this year. About 43 percent of all carbon emissions generated from the complex come from electricity use, the report notes.

To help the House become carbon-neutral, the report recommends officials install energy-efficient lighting throughout the complex and evaluate “exterior building lighting to reduce energy use.” The renovation of the Dome’s lighting system should meet or exceed industry energy goals and standards, the solicitation reads. Light pollution and sky glow reduction of the lighting of the exterior part of the Dome also must be evaluated.

At the same time, the lighting of the Dome must “create a distinct nighttime profile” of the Capitol that “celebrates its unique identity and elevates the ‘sense of place,’” the solicitation reads. Architectural features of the Capitol should be enhanced while minimizing wasted light, and strategies should be developed to “enliven the visual experience of all those who view the U.S. Capitol,” according to the solicitation.

Other lighting recommendations in the Green the Capitol report include retrofitting ceiling lamps, fixtures and controls to increase energy efficiency; installing and maintaining motion-activated lighting controls in offices, hearing rooms and other parts of the complex; replacing lamps with energy-efficient bulbs; and conducting a high-efficiency ceiling lighting pilot program.

For more information, see the solicitation at <http://www.house.gov/cao-opp/currentsol.shtml>.

2007-08 DINNER MEETING SCHEDULE

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

Date	Topic/Speaker
November 27, 2007 Membership Night	Renovation of Cooling Plant at Lincoln Center <i>(Patrick Regan – Arup)</i>
January 29, 2008 History Night	Combustible and Toxic Gas Detection <i>(Al Lyon – Accardi Companies)</i>
February 26, 2008 Refrigeration Night	High Density Cooling Issues in Data Centers <i>(Joe Boggs – Liebert Corp.)</i>
March 25, 2008	Topic TBD <i>(E. Mitchell Swann, PE – ASHRAE Distinguished Lecturer)</i>
April 22, 2008 History Night	Variable Refrigerant Flow Systems <i>(Speaker from Daikan AC)</i>
May 27, 2008 Past President’s Night	Thermal Ice Storage Systems <i>(Speaker from TRANE)</i>

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

\$5

Dinner Meeting

COUPON

\$5

NY Chapter November 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)

\$5

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

**ASHRAE Research Promotion Donors for 2007
As of October 31, 2007**

Brian Ryglewicz
Om Taneja
Steamfitting Industry Promotion Fund

Money Donated YTD: \$1,700
Goal for 2008: \$25,250

The ASHRAE New York Chapter would like to thank all the individuals and companies above for contributing to ASHRAE Research. Join the elite group of industry leaders above by contributing!!!

Why contribute to ASHRAE Research?

Your Research donation goes DIRECTLY towards ASHRAE Research Projects for: **Indoor Air Quality; Healthcare Facility Design; Energy Conservation Guidelines; Fire & Safety Design Practices; Environmentally Safe Refrigerant Research;** and much, much more....

ASHRAE Research Promotion

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

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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.

ASHRAE New York welcomes Mike Bachoo, Eddy Aboudi and Rock Antonios, who joined the Chapter at the October dinner meeting.

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

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 \$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) **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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