

THE LONG ISLAND SOUNDER

February 2006



ASHRAE Long Island Chapter, Region 1...Founded in 1957

www.ashraeli.org

American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.

Inside this issue:

President's Message	1
Meeting Information	1
LI Chapter Officers & Committees	2
Meeting Schedule	3
PAOE	3
February Program	4
LI Past Presidents	5
BOG Meeting Minutes	6
CTTC	7
Student Activities	8
Research Promotion	8
Membership	9
History	9,10
Technology Council	11-13
ACCA Mtg Invitation	14
Classifieds	15
Advertisements	15,16

President's Message

We have changed the meeting date for this month due to Valentine's Day. The meeting has been rescheduled for Tuesday, 2/21/06 and will be held at the same time and location. February is our annual joint meeting with ACCA (Air Conditioning Contractors of America).

Our meeting with ACCA is usually one of our larger events with at least 50 to 60 members. We have an excellent speaker scheduled- Dr. Victor Goldschmidt, an ASHRAE Distinguished Lecture from Michigan. His presentation is titled "Air Conditioning- A Look Into the Past and a Guess Into the Future". I attended one of Victor's presentations at the ASHRAE Regional Conference this past August and he was an excellent and dynamic speaker. If you are interested in seeing our industry from a different perspective I would encourage you to attend, he's one of the most dynamic speakers you'll hear this year.

Victor is also presenting to a group of engineering students at Hofstra University on Wednesday, 2/22/06. I want to thank John Nally and Carolyn Cammalleri for arranging Dr. Goldschmidt's visit.

Our Chapter has also sponsored a table for 10 attendees at the Joint Engineers Committee of Long Island Annual Engineer's Week Dinner on Wednesday, 2/22/06 at The Sterling in Bethpage. The Keynote Speaker is Burton Dicht Managing Director, American Society of Mechanical Engineers. His topic appears very interesting- "The Top 20 Engineering Achievements in the 20th Century". If you are interested in attending please contact me for the few remaining complimentary spaces available.

As you will see in the newsletter it is that time of year again, time to plan our Annual Golf Outing. I would like to thank Peter Gerazounis and Steven Friedman for volunteering to chair this important event. It is our only fundraiser of the year and it's crucial for keeping our chapter financially strong. This will be our 7th annual outing and it's still our chapter's most popular event. Every year we fill up quickly so if you plan on attending please send in your reservation and payment as soon as possible as not to be disappointed and turned away. Please see the announcement in the newsletter for more information.

I look forward to seeing everyone at our February meeting.

Craig Marshall, P.E.

President - Long Island Chapter

CHAPTER MONTHLY MEETING

DATE:	Tuesday, February 21, 2006
TIME:	6:00 PM - Cocktails/Dinner 7:00 PM - Dinner Presentation 8:45 PM - Conclusion
LOCATION:	Westbury Manor South Side of Jericho Tpke. 25 Westbury, NY 11590
FEES:	
Members -	\$35.00
Guest -	\$40.00
Student -	\$15.00

*Reservations requested, but not required.
Call (516) 333-7117*

Long Island Chapter Officers & Committees

ASHRAE 2005/2006 OFFICERS

POSITION	NAME	PHONE	FAX	E-MAIL
President	Craig D. Marshall P.E.	(203) 261-8100	(203) 261-1981	cmarshall@accuspecinc.com
President-Elect	John Nally	(631) 331-0215	(631) 928-4625	jn@atiofny.com
Vice President	Peter Gerazounis, P.E.	(212) 643-9055	(212) 643-0503	pgerazounis@mgjassociates.com
Financial Secretary	Steven Friedman	(212) 695-1000	(212) 695-1299	sfriedman@lilker.com
Treasurer	Steven Giammona, P.E.	(212) 643-9055	(212) 643-0503	sgiammona@mgjassociates.com
Secretary	Richard E. Gerbe	(718) 269-3753		rgerbe@trane.com
Board of Governors	James Hayes	(201) 247-7286	(718) 228-6721	jhayes@geru-usa.com
Board of Governors	Nancy Roman	(516) 256-4800	(516) 256-3299	nroman@airdist.com
Board of Governors	Claudio Darras, P.E.	(212) 354-5656	(212) 354-5668	cdarras@akf-eng.com

ASHRAE 2005/2006 COMMITTEES

COMMITTEE	NAME	PHONE	FAX	E-MAIL
Programs and Special Events	John Nally	(631) 331-0215	(631) 928-4625	jn@atiofny.com
Membership	Peter Gerazounis, P.E.	(212) 643-9055	(212) 643-0503	pgerazounis@mgjassociates.com
Chapter Technology Transfer	Richard E. Gerbe	(718) 269-3753		rgerbe@trane.com
Newsletter Editor	Liset Pena	(212) 643-9055	(212) 643-0503	lpena@mgjassociates.com
Resource Promotion	Steven Giammona, P.E.	(212) 643-9055	(212) 643-0503	sgiammona@mgjassociates.com
Historian	James Hayes	(201) 247-7286	(718) 228-6721	jhayes@geru-usa.com
Student Activities	Steven Friedman Carolyn Cammalleri	(212) 695-1000 (516) 484-1020	(212) 695-1299	sfriedman@lilker.com cbc@leapc.com
Webmaster	Carolyn Arote	(516) 256-4800	(516) 256-3299	carote@airdist.com
Honors, Awards & Publicity	Ray Schmitt	(631) 585-6800	(631) 471-4950	therevrgs@aol.com
Nominating	Michael Gerazounis, P.E.	(212) 643-9055	(212) 643-0503	mgerazounis@mgjassociates.com
CRC General Chair	Alan Goerke, P.E. Frank Morgigno	(631) 331-0215 (631) 331-0215	(631) 928-4625 (631) 928-4625	ag@atiofny.com fm@atiofny.com
Reception and Attendance	Carolyn Arote Brian Simkins	(516) 256-4800 (631) 261-2203	(516) 256-3299 (631) 261-2205	carote@airdist.com bsimkins@accuspecinc.com
Public Relations & Engineering Joint Council of LI	Richard E. Gerbe	(718) 269-3753	(516) 484-0926	rgerbe@trane.com
Continuing Education	Richard Rosner, P.E.	(631) 737-9170	(631) 737-9171	rosner@cshflc.com
Golf Outing Committee	Steven Friedman Peter Gerazounis, P.E.	(212) 695-1000 (212) 643-9055	(212) 695-1299 (212) 643-0503	sfriedman@lilker.com pgerazounis@mgjassociates.com

Editor's Note: The appearance of any technical data, editorial material, or advertisement in this set of publications does not constitute endorsement, warranty or guaranty by ASHRAE of any product, service, procedure, design, or the like. ASHRAE does not warrant that information is free from errors, and ASHRAE does not necessarily agree with any statement or opinion in this set of publications. The entire risk of the use of any information in this set of publications 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.

Chapter Monthly Meeting - Program for 2005/2006

September 13, 2005 * At Westbury Manor  ASHRAE DISTINGUISHED LECTURER Dinner Presentation - Innovative Water System Design	March 14, 2006 * At Westbury Manor MEMBERSHIP PROMOTION NIGHT Dinner Presentation - Micro-Turbine Technology for Power and Heat Generation
October 11, 2005 * At Westbury Manor  MEMBERSHIP PROMOTION / STUDENT PROMOTION NIGHT Dinner Presentation - Bio-Fuel Technologies and the New ASHRAE Standard 155	April 11, 2006 FIELD TRIP Brookhaven National Labs (Tour)
November 15, 2005 * At Westbury Manor  JOINT MEETING WITH SMACNA-LI RESOURCE PROMOTION NIGHT Dinner Presentation - Project Design Drawings vs. Construction Drawings for Ducts	May 9, 2006 * At Westbury Manor Dinner Presentation - High Density Cooling
December 13, 2005 - HOLIDAY FIELD TRIP  NY Islanders vs. Minnesota Wild Hockey Game * Reservations Required - Call Rich Gerbe @ 212-330-6283	May 2006 * Cherry Valley Club, Garden City, NY ANNUAL GOLF OUTING - TBD
January 10, 2006 * At Westbury Manor  Dinner Presentation - Radiant Heat Systems & Design	June 13, 2006 * At Westbury Manor YEAR END CELEBRATION - PAST PRESIDENTS & OFFICER INSTALLATION NIGHT
February 21, 2006 * At Westbury Manor ASHRAE DISTINGUISHED LECTURER / STUDENT PROMOTION NIGHT / JOINT MEETING WITH ACCA Dinner Presentation - Air Conditioning: A look into the past and a guess into the future.	

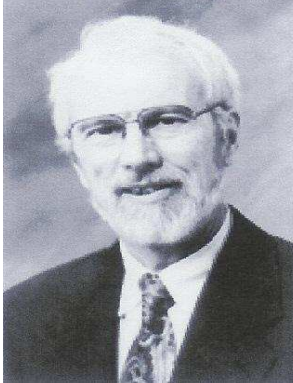
August 2006 - Chapter Regional Conference Region I - Maine

RUNNING PAOE POINTS FOR 2005/2006

Chapter Members	Membership Promotion	Student Activities	Research Promotion	History	Chapter Operations	CTTC	Chapter PAOE Totals
334	125	355	87	25	1,140	225	1,957

February Chapter Meeting - Program

You are cordially invited to our February 2006 Meeting



Dinner Presentation

“Air Conditioning: A look into the past and guess into the future”

Presented by
Victor W. Goldschmidt, Ph.D.
Professor Emeritus, Purdue University
ASHRAE DISTINGUISHED LECTURER

**Joint
Meeting with
ACCA!**

DATE:	TUESDAY, FEBRUARY 21, 2006		
Time:	6:00 PM – Cocktails and Hors D'oeuvres 7:00 PM – Dinner Presentation 8:45 PM – Conclusion	Fee:	\$ 35.00 Member \$ 40.00 Guest \$ 15.00 Student
Location:	WESTBURY MANOR (516) 333-7117 Jericho Tpke (South Side), 3/10 of mile east from Glen Cove Rd., Nassau County, NY. Directions are posted at @ www.ashraeli.org. - Reservations requested but not required. Business attire suggested		
Presentation:	Starting with a brief historical overview, and some of the trends in research, predictions are made as to what the future might be in air conditioning for human comfort. The presentation could be considered “technically entertaining”. Suggesting the fallacies of predictions, it shows the historical delays from defining a concept to the marketing and an actual product. The implications to our industry are noted as well.		
About our Speaker:	<p><u>Victor W. Goldschmidt, Ph.D.</u>, Victor W. Goldschmidt, Emeritus Mechanical Engineering Professor, served at Purdue University from 1964 through 2000. He is currently engaged with “Dynamic Creativity Applications” as a facilitator and engineering consultant. During his 34 years at Purdue, Mr. Goldschmidt was responsible for educating mechanical engineering students, including the direction of graduate research in the HVAC area. Most of his service with graduate students was with the Ray W. Herrick Laboratories with heavy support from the HVAC industry. During early stages of his career, he served as Director of Engineering Purdue Fellows in Latin America; during the later stages he served as department head for Freshman Engineering. Prior to his academic involvement, he worked in Applications Engineering and Development Engineering with Honeywell.</p> <p>A past ASHRAE Director-at-Large, he currently served as a member of Technology Council, the ASHRAE Board Planning Committee, and has been asked to serve as Dean of ASHRAE Learning Institute. He is an ASHRAE Distinguished Service Award recipient and Fellow, as well as Honorary Member of IIR, ACAIRE and AAF.</p>		



Long Island Chapter - Past Presidents

1958	H. Campbell, Jr. PE	1982	Timothy Murphy, PE
1959	Clyde Alston, PE	1983	Leon Taub, PE
1960	Sidney Walzer, PE	1984	Raymond Combs
1961	Sidney Gayle	1985	Edward W. Hoffmann
1962	William Kane	1986	Jerome T. Norris, PE
1963	Louis Bloom	1987	Abe Rubenstein, PE
1964	Milton Maxwell	1988	Michael O'Rourke
1965	Will Reichenback	1989	Mel Deimel
1966	Joseph Minton, PE	1990	Robert Rabell
1967	Irwin Miller	1991	Gerald Berman
1968	Walter Gilroy	1992	Donald Stahl
1969	Charles Henry	1993	Ronald Kilcarr
1970	William Wright	1994	Jerald Griliches
1971	Louis Lenz	1995	Walter Stark
1972	Ronald Levine	1996	Joe Marino
1973	Henry Schulman	1997	Norm Maxwell, PE
1974	Myron Goldberg	1998	Alan Goerke, PE
1975	John N. Haarhaus	1999	Frank Morgigno
1976	Richard K. Ennis	2000	Michael Gerazounis, PE
1977	Kenneth A. Graff	2001	Ray Schmitt
1978	Evans Lizardos, PE	2002	Steven M. Stein, PE
1979	Albert Edelstein	2003	Andrew Braum, PE
1980	Ralph Butler	2004	Claudio Darras, P.E.
1981	Robert Rose, PE		



ASHRAE Technology Transfer Library

The ASHRAE Technology Library is available to all ASHRAE Long Island Members.

Now all members have local access to ASHRAE publications:

**Handbooks
Standards
Technical Papers
Software
Guidelines
Information on ASHRAE
Bookstore Order Forms**

To borrow see our monthly display or contact:

**Rich Gerbe @ Edwards & Zuck
Tel: 212.330.6283
Email: rgerbe@edzuck.com**

Board of Governors Meeting Minutes

Meeting of the Board of Governors was held on January 10, 2006 at the Westbury Manor. Present at the meeting were: Claudio Darras, Richard Gerbe, Craig Marshall, Steve Giammona, John Nally, James Hayes, and Brian Simkins.

The meeting was called by Craig Marshall at 5:05 pm.



Treasury – Steve Giammona reviewed balance of the accounts. Steve will be sending a check to the accountant for their work with regards to the IRS filing.

Programs – Travel arrangements have been finalized with the February speaker, Victor Goldschmidt. There will be a separate sign-up sheet for the ACCA members at the joint meeting with ACCA and they will be invoiced after the meeting. The March and May meetings will award CE credits to all attendees.

Resource Promotion – Steve Giammona reported on the status of the donations. We are currently at 20% of the goal and he will be sending out a letter in February regarding donation requests.

Student Activities - Steve Friedman and Craig Marshall have been in contact with SUNY Stony Brook. They will be meeting with the junior class and at that time Victor Goldschmidt will give a lecture.

Meeting adjourned at 5:50 pm.

Richard E. Gerbe
Chapter Secretary



CTTC

ASHRAE and CIBSE Issue Joint Statement on Climate Change

Worldwide concern for the global climate has emerged with the recognition of increasing concentrations of atmospheric greenhouse gases (GHGs) and increased average global temperatures. The Intergovernmental Panel on Climate Change (Third Assessment Report, 2001) noted that a signal of human-induced change is emerging from the noise of climate variability.

Chartered Institution of Building Services Engineers (CIBSE) and ASHRAE provide building design, operation, and energy efficiency standards used globally. Since energy production often contributes GHGs to the atmosphere, these standards potentially reduce emissions. Energy-related impacts are addressed by reducing the equipment, system and building energy consumption, and by modifying user behavior, thereby reducing GHG emissions including CO₂. The public has indicated its concern about global warming and climate change. This must be supported by sound business practices, and government incentives where appropriate.

CIBSE and ASHRAE specifically support:

- The goals of the United Nations Framework Convention on Climate Change.
- Government and industry leadership in technology and atmospheric research.
- Development of low-or zero-emission energy technologies.
- Long-term reductions in emissions based on life cycle environmental design, economics and operation.
- Design and operating guidelines leading to reduced energy consumption.
- Responsible refrigerant use, including emissions reduction technologies and practices.
- Building and systems design, and their operation and maintenance, to minimize total GHG emissions.
- Membership education and actions based on environmental responsibility and ASHRAE/CIBSE standards and publications.
- Maintaining economic growth without compromising the needs of future generations.

CIBSE and ASHRAE are implementing the following:

- Coordinated approaches to environmental issues at all stages of building and component life cycles from conception, design, construction, and through operation, maintenance and refurbishment.
- Adoption and development of designs, materials, components, systems and processes that minimize environmental impacts, including climate change.
- Promotion of practices that encourage energy efficiency by building users.
- Encouragement of renewable energy supply into buildings and building engineering systems when economically feasible.
- Education of building owners, operators and engineers on the importance of energy efficiency and climate change.
- Providing of advice, information and assistance related to energy efficiency and climate change to governments and other influential bodies.

CIBSE and ASHRAE reaffirm their joint commitment to developing and adopting energy efficient practices and resources, and call upon their members, governments, and colleagues in the buildings and related industries to likewise respond.

Richard E. Gerbe
Chapter Technology Transfer Committee Chair

Student Activities

This month's meeting will feature one of ASHRAE's most distinguished lecturers, Dr. Victor Goldschmidt, Ph.D. Aside from his very informative lectures, Dr. Goldschmidt also supports and encourages student involvement both at the chapter level and as a career path for future mechanical engineers. With that being said, arrangements have been made for him to speak to the engineering students at Hofstra University on Wednesday February 22nd. As a recent graduate of Hofstra University, Long Island chapter member and student activities committee assistant Carolyn Cammalleri, has made arrangements with Dr. Forsberg to facilitate this meeting. The Long Island Chapter and Board of Governors would like to thank Carolyn for her tremendous effort and involvement at the student activities level. Additionally, I would like to thank John Nally for making arrangements with Dr. Goldschmidt to accommodate his stay here in New York.

For all mechanical engineering students and engineering professors of the local universities, there is a **Student Design Project Competition**. The deadline for entry is May 5th, 2006. The 2006 student competition will focus on high rise residential buildings: one residential building will be in Dallas, Texas (USA) and the other will be located on your own college campus. The student design competition follows a prescribed format. The contest's guidelines provide enough background information to enable the teams to select and/or design the HVAC system for the given building and/or perform the architectural design for the given program. The teams may compete in one or more of the three (3) subcategories: HVAC System Selection, HVAC System Design and Architectural Design.

For more information on the project, please visit the ASHRAE website at: <http://www.ashrae.org/template/StudentLinkLanding/category/4275#5146>

If you are interested, please contact myself : sfriedman@lilker.com or if you wish, Student Activities Manager, Ms. Ashley Pruett at Ashrae Headquarters' for specific information: apruett@ashrae.org.

We encourage all engineering students to join us for dinner at the meeting February 21st and, as usual, your costs will be waived. Look forward to seeing everyone there.

Steven Friedman - Student Activities Chairman

Research Promotion

I would like to once again thank those individuals who have contributed to this year's Resource Promotion. Unfortunately we are still far from reaching this year's goal. This month I will be sending you a letter asking for your continued financial donation. Please take a moment of your time and write a check. I am asking everyone to contribute to this worthy cause.

The research for technology solely depends on your donations. Thank you in advance.

Contributions can be mailed to:

Mr. Steven Giammona
ASHRAE Research Promotion Chairman
c/o MGJ Associates
116 West 32nd Street, 12th Floor
New York, NY 10001

Steven Giammona, P.E.
Research Promotion Chairman



Membership

March's dinner meeting is Membership Promotion Night. I want everyone to be prepared to bring a new member. So this month, we will be attaching a pdf version of the application with the newsletter email.

If you didn't get the attachment, don't worry. Encourage new members to follow the following link to the ASHRAE website where they can learn more about the society and membership. They can either apply online or print the application.

<http://www.ashrae.org/template/AssetDetail/assetid/31886>

Some pertinent information for the applicant to include:

- In the area where it refers to participation in local activities, make sure Chapter # 006 – Long Island is input so the new member can be added to our membership list.
- If the new member was referred to by a present member please make sure they are acknowledged in the application so they may receive credit. Include their name and member #.

New members who bring a filled out application to or prior to the March meeting will receive a free dinner.

Referring members receive a \$10 coupon from Society upon approval of the application. Isn't that reason enough to encourage people to join?

Peter Gerazounis, P.E.
Membership Chairman

History

An Interview with Andrew S. Braum, Past Chapter President- 2003

I would like to document and share some the chapters local history by interviewing past chapter presidents. Since Andrew was the chapter president when I became involved in 2003, it made sense for me to start with him. Below are the details of my interview:

Name: Andrew S. Braum

Company: A.S.B. Engineering

Type of Business: Consulting Engineering Firm

Location: Bellmore, New York

Where did you study to become an engineer?

I studied at the State University of New York at Buffalo where I received my BSME in 1994.

What was your first job in the industry?

During college I worked in the family business, Frigidyne, a HVAC installation sales and service business. It was also during this time that I began to work for a company called the Niagra Blower Company. During my employment at the Niagra Blower Company I worked in the Research and Development Department; developing dessicant technology for low temperature refrigeration applications related to the food and beverage industry.

When did you start your own consulting firm?

I received my P.E. license in February of 2000 and started my engineering firm A.S.B. Engineering in the same year.

When did you join ASHRAE?

I originally joined the student chapter of ASHRAE at the State University of New York at Buffalo in 1990.

Cont'd. on Page 10

History (Cont'd. from Page 9)

Why did you join ASHRAE?

Since I was interested in the engineering profession I figured that this would be a good place to meet like-minded people with similar academic interests.

When you first started attending monthly LI Chapter meetings where were the meetings held?

When I first joined the Long Island Chapter of ASHRAE in 1994, the meetings were held in the Milleridge Inn.

From a historical point of view what are some changes that you have witnessed since you joined ASHRAE?

The biggest change that I have witnessed in all levels of ASHRAE is acceptance and use of current technology. Through embracing technology ASHRAE has been able to more effectively keep the membership well informed as well as provide a central point of access to technical and Society information. This is best exemplified through Ashram's use of email, website and the electronic distribution of ASHRAE documentation to include newsletters etc. This has made ASHRAE more accessible to the general membership as well as made ASHRAE more attractive to a new generation of future ASHRAE members.

As a past president what are some of your more memorable contributions to the chapter?

During my tenure as chapter president, there were several contributions that were made. None of these contributions would have been possible without the support and hard work of the Executive Board and Board of Governors. To name a few:

- Elimination of a paper newsletter by going completely electronic, this was championed by Liset Pena as it still is today.
- Hosting of the regional CRC event at the Wyndham Wind Watch Hotel; this was possible because of the hard work of Alan Goerke and Frank Morgino in particular
- Moving the monthly meeting from the Milleridge Inn to the Westbury Manor where meetings are currently held; Craig Marshall was instrumental in facilitating this change of venues. This move was made because the Westbury manor offered better facilities and a better environment for holding monthly meetings. By moving the meeting to a better facility, we have attracted new members and subsequently bolstered the LI chapter's membership roster.

As a past president how do you want the general membership to remember your tenure?

I would hope that the membership remembers my tenure and the contributions that were made to the continued evolution of the local chapter, made possible through the chapters embracing of current technology and most notably the introduction and electronic distribution of our chapter's monthly newsletter.

How has ASHRAE helped you in your career?

ASHRAE has helped my career on many levels both personal and professional. ASHRAE has given me unlimited networking and exposure opportunities in addition to a forum to meet with like minded industry professionals to discuss issues that are relevant to our profession. Most importantly, ASHRAE has given me the opportunity to cultivate both close personal and professional relationships within the HVAC community which I will always view as the cornerstone to my success.

What is your most memorable moment since you joined ASHRAE?

My most memorable moment was the feeling of pride that I had experienced when I arranged and led the chapter's annual field trip and tour of the New York Jets inflatable practice facility that I had designed at Hofstra University in 2003. Another memorable moment that comes to mind is when I first met Mr. Evan's Lizardos at the chapter meeting in September of 1994. Having worked in the industry for my families HVAC business, I had been involved in many projects that were designed by Lizardos Engineering and prior to meeting Evans I held him in high esteem. Evans Lizardos was the opening speaker and I helped him set up for his presentation that evening. After meeting Evans in person, I felt that the industry was accessible to me and as an adult I felt that I was finally amongst my peers and in a professional sense I came of age. It would also like to add that it was through Evans encouragement that I became active in the Long Island Chapter of ASHRAE.

Well folks there you have it, according to Andrew Braum, that's His story.

James G. Hayes
Chapter Historian

Technology Council - Members First, Volume 1



TECHNOLOGY COUNCIL MEMBERS FIRST!

2005-06, Volume 1

TECH COUNCIL NEWS *ASHRAE Technology is for ASHRAE Members. Members come first.*

This is the first of Tech Council's quarterly briefings. You will find information from all the committees that report to ASHRAE's Technology Council. Our goal is to make the work of the technical side of ASHRAE open to all ASHRAE members. *We ask that you look this over and give us feedback. Please direct any questions on any topic or feedback on this newsletter to Hugh McMillan, Vice-Chair, Tech Council at hugh_mc@mail.ashrae.org.*

STANDARDS NEWS

ASHRAE and ACCA have agreed to publish a load calculation standard for non-residential applications. Both ASHRAE and ACCA had independently been working on such a standard and had filed notice with ANSI of their intent to do so. The intent of the standard is not to set exact load calculation procedures but to provide criteria for the evaluation of load calculation procedures for various applications. StdC is working to develop a ventilation code proposal for use by the various code bodies. This proposal would be designed to be referenced in codes in lieu of Std 62.1 in its entirety.

TECHNICAL ACTIVITIES NEWS

A Handbook Content and Structure Improvement Workshop was conducted with a focus on improving the review and revision process of all handbook volumes so that all handbook volumes become increasingly clear, more engaging and more useful. 58 of 98 Technical Committees (TCs), Task Groups (TGs) and Technical Resource Groups (TRGs) maintain active websites accessible through ashrae.org to communicate with ASHRAE members. Our goal is that all 98 will be up in July, 2006. Look at the frequently asked question (FAQ) database on ashrae.org for answers to 87 questions, 60 of which are new. On the average, 15 technical inquiries are received daily.

RESEARCH ADMINISTRATION NEWS

The ASHRAE Strategic Plan for Research for the next 5 years was approved. The plan is based on five broad, far reaching Research Opportunity Themes: Energy and Resources, Indoor Environmental Quality, Tools and Applications, Equipment, Components and Materials, and Education and Outreach. A research project was approved for Oklahoma State University to develop "Application Manual for Non-Residential Load Calculations". TC5.12 reported they do not plan to conduct research on the effectiveness of 7.5 cfm/student in lieu of 15 cfm/student in light of current research indicating that 15 cfm/person may be too low. However, the appropriate ventilation rate for schools is to be addressed by a workshop that examines the research status and needs regarding the health and other effects of ventilation rates.

ENVIRONMENTAL HEALTH NEWS

The Environmental Health Committee is developing a project work statement to request an ASHRAE Special Project. The proposed project is related to a critical interdisciplinary scientific review of research that has been or is being conducted on the effect of ventilation rates on health in multiple types of indoor environments, including offices, schools, residences and day care. The purpose of the project will be to determine the current state of knowledge to develop priorities for additional research that may be needed. A position document on Environmental Tobacco Smoke (ETS) has been approved by the Board of Directors. Look for this on ashrae.org.

REFRIGERATION NEWS

The Refrigeration Committee is working with TC10.3 to include information on CO₂ as a refrigerant in an existing chapter of the 2006 Refrigeration Handbook Volume. The committee has conducted an initial review of the Ammonia as a Refrigerant Position Document. It has also conducted an initial review of the Ozone Depleting Substances Position Document. Some of the current recommendations are outdated and require revision.

Technology Council - Members First, Volume 2



TECHNOLOGY COUNCIL MEMBERS FIRST!

2005-06, Volume 2

TECH COUNCIL NEWS *ASHRAE Technology is for ASHRAE Members. Members come first.*

This is the second of Tech Council's quarterly briefings. You will find information from all the committees that report to ASHRAE's Technology Council. Our goal is to make the work of the technical side of ASHRAE open to all ASHRAE members. Page 2 of this newsletter lists the questions we received from our first newsletter and our responses. *We ask that you look this over and give us feedback. Please direct any questions on any topic or feedback on this newsletter to Hugh McMillan, Vice-Chair, Tech Council at hugh_mc@mail.ashrae.org.*

STANDARDS NEWS

How can you tell what is the latest version of any of Code-Intended continuous maintenance standards? Under the new policy of the Standards Committee, you will always know when these documents are updated. Since July 1, the code-intended standards under continuous maintenance have been on a three year re-publication schedule. The next fully published version of Standards 15, 34, 52.2, 62.1, 62.2, 90.1, 90.2 and 140 will occur in 2007. Next March, a supplement of all addenda approved since the 2004 versions were released will be published. These addenda will become effective with the supplement date of approval by the ASHRAE BOD and ANSI. This means you can expect something to be coming out on these standards every 18 months. We are striving to make the business of keeping up with code-intended standards more predictable and less costly for our Members and the public.

TECHNICAL ACTIVITIES NEWS

TAC is considering a proposal to form a new Task Group (TG) that is concerned with all exergetic aspects of energy and power consumption of building comfort and service systems and equipment, assessment of their impact on the environment, and development of analysis techniques, methodologies and solutions for environmentally safer low-exergy buildings. Exergy is defined by ASHRAE as an expression for the loss of available energy due to the creation of entropy in irreversible systems or processes. The energy loss in a system or component is determined by multiplying the absolute temperature of the surroundings by the entropy increase. This TG will help pave a road for a more comprehensive set of scientific and technical actions in order to further develop a more environmentally safe building technology and new HVAC systems while the commitment of ASHRAE towards sustainability is facilitated.

RESEARCH ADMINISTRATION NEWS

A color brochure summarizing ASHRAE's 2005-2010 Research Strategic Plan is now posted on the "Research" page of [ashrae.org](http://www.ashrae.org). The brochure details all five Opportunity themes, 28 goals associated with the five themes and a partial listing of potential project topics that may help address these goals. The strategic plan is primarily intended to help guide the 98 TCs within ASHRAE towards achieving broad and ambitious goals set by the Society as a whole for research. How well a particular topic supports the strategic plan will count towards forty-five percent of the review criteria used to evaluate all research topics proposed by the TCs. Find the Research Strategic Plan at: http://www.ashrae.org/content/ASHRAE/ASHRAE/ArticleAltFormat/2005928112649_347.pdf

ENVIRONMENTAL HEALTH NEWS

Planning for the Ventilation Workshop to review research that has been or is being conducted on the effect of ventilation rates on health in multiple types of indoor environments, including offices, schools, residences and day care is well underway. The purpose of the project will be to determine the current state of knowledge to develop priorities for additional research that may be needed.

REFRIGERATION NEWS

REF has posted two documents to our website: "Tips on Hosting a Successful Refrigeration Focused ASHRAE Chapter Meeting" and "Training in Refrigeration". The first was written to provide chapter level people help on setting up a refrigeration focused chapter meeting that would draw more than 3 people by giving contacts at other organizations and a list of timely topics. The latter document is a continuously updated list of all North American based training programs on industrial (ammonia) refrigeration. REF intends to keep both up-to-date and promote their use at regional and local levels.

Technology Council - Members First, Feedback

MEMBERS FIRST! FEEDBACK

QUESTION 1

CTTC has liaison assigned to each TC Section. Liaisons attend section breakfasts but are not respected. The purpose of CTTC is to strengthen the ties between the grassroots and technology side of ASHRAE.

RESPONSE

The Technical Activities Committee (TAC) will work with TCs to insure that liaison relationship is respected. While time is limited at the section breakfasts, the TCs understand the importance of this liaison. In the interest of time, it would be helpful if the CTTC liaison could bring any information they wish to share in written form to distribute to the TC chairs.

QUESTION 2

A significant proportion of ASHRAE members do not know how to join a TC.

RESPONSE

There is a good discussion on how to join a technical committee on ashrae.org. It can be accessed at:

<http://www.ashrae.org/template/AssetDetail/assetid/23231>

QUESTION 3

Research Promotion RVCs do not understand the process by which a research proposal becomes a project and how the results of the research are implemented. The result of this lack of knowledge is lack of focus in the Research Promotion campaign.

RESPONSE

Certainly we want all members to understand how the ASHRAE research process works. An overview is reported here, but we strongly recommend that RVCs and other interested parties visit the www.ashrae.org website. Choose the "Standards and Technology" link on the home page and scroll to "Research." ***Within the research section, you will find the "Research Digest" along with several interesting references to all the research activities - past, present, and future. The Digest contains a complete flow chart that will elaborate on what we are reporting with this note.***

ASHRAE ***Technical Committees (TC) play the lead role in all research projects***, whether generated within the TC, an Unsolicited Research Project (URP), or requested from an individual through his local Chapter and Region. If the research request comes from outside TC membership, and it falls within the Strategic Research Plan (also on the website), one or more TCs are asked to champion the work. There are 98 TCs organized into 10 Sections.

Key documents requiring RAC, Tech Council, and, in some cases, ASHRAE Board of Director approval are (1) the Research Topic Acceptance Request (RTAR); (2) the Work Statement prepared as a result of the approved RTAR in the Implementation Plan; (3) the Tentative Research Proposal (TRP) which leads to obtaining bids from contractors; and (4) the recommendation of contractor from a Project Evaluation Subcommittee (PES) appointed by the TC. Once the project is initiated with an entity, the TC has a Project Monitoring Subcommittee (PMS) that ensures the work remains on course toward the objectives, timely, and within the contracted costs. ***Technology Transfer is achieved through publication in ASHRAE Handbooks, ASHRAE Standards, special publications, ASHRAE transactions and/or Research Bulletins.***

Very recently, our society has prepared and published a Strategic Research Plan that was prepared with input from the broad membership. This plan will be updated every five (5) years. A big factor in evaluating the merits of proposed research will be its fit in the Strategic Research Plan. The plan is organized into five (5) research opportunity themes: (1) Energy and Resources, (2) Indoor Environmental Quality, (3) Tools and Applications, (4) Equipment, Components and Materials, and (5) Education and Outreach. To understand some of the specific goals within these themes, we urge you to visit the research link at the www.ashrae.org.

You will find much more detailed information on how research projects are chosen and how they are implemented and used in the vastly improved research website. We urge all interested parties to take a look.

ACCA March Meeting Invitation



Special message

“ACCA” Air Conditioning Contractors of America, who will be joining us this month at our special February joint meeting, have graciously extended an invitation to our ASHRAE chapter members to participate in their March meeting.

The ACCA meeting is scheduled for Thursday March 2nd and their guest speaker will be Richard Kessel from LIPA. Mr. Kessel will speak on Energy Conservation and Alternate Energy for Long Island. The meeting will be held at the Westbury Manor, cocktails 5:30 to 6:30 PM, presentation beginning at 7:00 PM.

Reservations are not mandatory, however in an effort to assist ACCA with attendance plans, we ask that you please call or fax us if you would like to attend.

Please call John Nally at 631-331-0215 or fax this page to 631-928-4625 ASAP.

Thank you,
John Nally
Programs Chair

I would like to attend – name _____

CLASSIFIEDS

***As a Courtesy to all Long Island Chapter Members,
All Classifieds Ads Submitted to the Newsletter will be Free of Charge.***

If you would like to place an ad advertising job opportunities or if you would like to advertise that you are looking for employment please contact our chapter's Treasurer, Mr. Steve Giammona via email at sgiammona@mgjassociates.com or at 212-643-9055 for further details.

ADVERTISEMENTS



DOUGLAS G. VALERIO

MASON EAST, Inc.

Manufacturer's Representatives for
Mason Industries, Inc.
The Metreflex Company • Weiss Instruments, Inc.

631/254-2240 307 B Suburban Avenue
Fax 631/254-2199 Deer Park, NY 11729
215/633-8355 Two Neshaminy Interplex, Ste 205
Fax 215/633-8356 Treviso, PA 19053



STEVE BERGMAN

TWINCO SUPPLY CORP.

TEMPERATURE CONTROLS
MOTOR STARTERS
PANEL DESIGN & FABRICATION
HVAC SUPPLIES

55 CRAVEN STREET HUNTINGTON STATION, NEW YORK 11748-2143
(631) 547-1100 NYS (800) 794-3188 FAX (800) 926-TWIN
www.twinco.com

RICK GASKA
152 41st Street
Brooklyn, NY 11232
718-832-7900
Fax: 718-965-9675

GILMOUR SUPPLY CO., INC.
An Affiliate of DAVIDSON PIPE SUPPLY CO., INC.

180 Marine Street
Farmingdale, NY 11735
516-694-2800
Fax: 516-694-7740



John Knowles Ray Schmitt
David Van Wickler



2910 Express Drive South
Islandia, New York 11749
(631) 585-6800 (718) 895-0410
(212) 912-1902
Commercial FAX: (631) 471-4950

Visit our website: www.walesdarby.com
e-mail us at: infony@walesdarby.com

Empire Industrial Systems Corp.

Manufacturers of the HEPHAESTUS
High Efficiency Boilers and Packaged Systems
Factory and Jobsite Built.

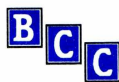
Design Build Boiler Installations

Complete Boiler and Burner Repairs
Service and Maintenance

550 Brook Avenue, Deer Park, NY 11729
(631) 242-4619 FAX (631) 242-4658
www.empireboiler.com

Edward Roufberg
President
eroufberg@empireboiler.com

TEL (631) 218-8022
FAX (631) 218-8023



BEST
CLIMATE CONTROL CORP.
75 ORVILLE DRIVE
BOHEMIA, NY 11716

AIR CONDITIONING
SYSTEMS

MICHAEL O'ROURKE

**PLACE YOUR
AD HERE**

Ronald Spinelli
PRESIDENT



• HEATING & AIR CONDITIONING
• SHEET METAL • SERVICE

440 WYANDANCH AVENUE, N. BABYLON, N.Y. 11704-1590
(631) 643-3433 Ext. 310 FAX (631) 491-6983
Email: RS@anronac.com

**PLACE YOUR
AD HERE**

BUSH WHOLESALERS

MANUFACTURERS REPRESENTATIVE & DISTRIBUTOR

Air Diffusion Products
Fire & Smoke Control Devices
Variable Volume Terminal Units
Louvers & Dampers

PHONE 718.624.5900 FAX 718.624.2505

ADVERTISEMENTS



JAMES CASE

**GIL-BAR INDUSTRIES**(718) 965-6600
FAX (718) 965-6634141 FORTY-SEVENTH STREET
BROOKLYN, NY 11232631-491-1300 x16
FAX 631-491-8551*Ultimate Power Inc.*INDUSTRIAL BURNERS • BOILERS
GAS • OIL • BURNER SERVICE • A/C & INSTALLATION
NATIONAL BOARD CERTIFIED "R" STAMP REPAIR CO.
DDC CONTROL SYSTEMS
MECHANICAL CONTRACTORS FOR OVER 36 YEARS

RONALD MILANO

45 NANCY STREET
WEST BABYLON, NY 11704-1498

EMAIL: RMILANO@ULTIMATE-POWER.COM



hsmith@keysponservices.com

Harold C. Smith, Jr., P.E.
Consulting Mechanical EngineerKeySpan Engineering Associates, Inc.
1025 Old Country Road, Suite 420
Westbury, NY 11590
Tel: 516 512-7302
Fax: 516 512-7320Wallace Eannace Associates, Inc.
www.wallaceeannace.comManufacturers Representatives
50 Newtown Road
Plainville, New York 11803
516-454-9300
Fax: 516-454-9307
Cell Phone: 516-429-7195
Home/Fax: 631-277-4737
e-mail: jthuman@wallaceeannace.comJoseph A. Thuman
Special Projects—Engineered Products

Frank D. Morgigno - President/CEO fm@atiofny.com

90 Plant Ave. • Ste. 110 • Hauppauge, NY 11788
Tel: 631-331-0215 • Fax: 631-928-4625
www.atiofny.com**BERNE & BOB LEVENTHAL, INC.**
BOB LEVENTHALGOVERNOR CORP.
ABB - VFD'S
CHICAGO BLOWERKING CO.
CLIMATE CRAFT
COIL MASTERTwo Terry Lane
Wantagh, NY 11793PH 516 826-5270
FX 516 826-5277chimney
DESIGN
solutions
VOICE: 212-685-7077 FAX: 212-685-4777
chimney design solutions.com**McQuay New York**
Air Conditioning Products & ServicesEric M. Berkowitz
Managing Partner989 Avenue of the Americas, New York, N.Y. 10018
Tel: 212-947-4000 Fax: 947-5003 e-mail: emberkowitz@mcquayny.comWalter Stark
PresidentNAUTICA DEHUMIDIFIERS, INC.
info@nauticadehumid.com Phone: 631.424.8030
www.NauticaDehumid.com Fax: 212.898.0367**SIEMENS**Siemens Building Technologies, Inc.
Landis Division50 Orville Drive
Bohemia, NY 11716Tel: (516) 218-1000
Fax: (516) 218-1009
melvin.deimel@us.landisstaefa.comMel Deimel
Sr. Sales Engineer**FRIGIDYNE**
Air Conditioning Co., Inc.

www.frigidyne.com

AIR CONDITIONING, HEATING
DUST, FUME, AND MIST COLLECTION
TEMPERATURE AND LIGHTING CONTROLANDREW S. BRAUM, P.E.
asb@frigidyne.com(516) 785-9000
FAX: (516) 785-9148
1924 BELLMORE AVE.
BELLMORE, NY 11710e-mail: gschiaivone@savmor.net
www.savmor-mechanical.comTEL: (516) 467-8585x125
FAX: (516) 467-8584

SALES • SERVICE • CONTRACTS

Energy Management Specialists

GANDOLFO J. SCHIAVONE
VICE PRESIDENT30 B HOWARD PLACE
RONKONKOMA, NY 11779

PENN VENTILATION

BARRY BLOWER

NAILOR INDUSTRIES

(Tel) 718.624.5900

(Fax) 718.624.2505



County Fair Air Conditioning Corporation

233 GRAND BLVD • WESTBURY, NY 11590-3599
(516) 997-5656 • (718) 347-7808 • FAX (516) 997-5741
choigerson@countyfair.com • malhan@countyfair.comCARL HOLGERSON
OwnerRONALD J. NATHAN
Owner

MECHANICAL CONTRACTORS • SALES • SERVICE • ENGINEERING

If you would like to place an advertisement in The Long Island Sounder please contact our Chapter Treasurer, Mr. Steve Giammona, P.E. @ (212) 643-9055 or via email @ sgiammona@mgjassociates.com for further details. Thank you.