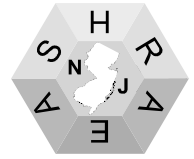




THERMOGRAM



The New Jersey Chapter of ASHRAE Newsletter

WWW.NJASHRAE.COM

DECEMBER 2005

1-(800)-927-7234

CHAPTER OFFICERS

PRESIDENT

RUSS GRAHAM
908-663-2180

PRESIDENT - ELECT

JORI FAHRENFELD
856-795-2224

VICE-PRESIDENT

PETER FRANGISKOU P.E.
201-945-9999

TREASURER

MARK RICHTER P.E.
732-577-9000

SECRETARY

MARK MCLEOD
973-633-7730

BD. OF GOVERNORS

LINDA CAROLAN

908-663-2180

RUTH GIACOBBE

732-968-4850

YOGESH SHAH P.E.

201-447-6400

SPENCER MORASCH

732-212-4133

KAL FEINBERG, P.E.

201-837-0856

COMMITTEES

MEMBERSHIP

BRIAN MATHIAS
973.276.2734

RESEARCH PROMOTION

YOGESH SHAH P.E.
201-447-6400

STUDENT ACTIVITIES

PETER FRANGISKOU P.E.
201-945-9999

REFRIGERATION

JIM CASEY

TECHNICAL, ENERGY & GOV. (TEGA)

JUAN MURILLO
609-860-6600

NEWSLETTER ADS

OPEN

NEWSLETTER EDITOR

MARK RICHTER P.E.
732-577-9000

JANUARY 11, 2006

HILTON WOODBRIDGE

120 WOOD AVE SOUTH, ISELIN, NJ

(EXIT 131A OFF GARDEN STATE PARKWAY)

TEL: + 1-732-494-6200

JOINT MEETING WITH MECHANICAL CONTRACTOR'S ASSOCIATION

COST \$60.00 MEMBERS & GUESTS & \$5.00 STUDENT

RSVP TO NJASHRAE.COM OR CALL 1-800-927-7234
NO LATER THAN JANUARY 10TH

5:30 DINNER AND SPEAKERS

SPEAKERS: BILL AMMAN AND NICK STECKY
M&E ENGINEERS

TOPIC: "OVERVIEW OF USGBC, LEED, AND
SUSTAINABLE DESIGN"

*INTRO TO USGBC, LEED, AND GREEN BUILDINGS, INCLUDING
THE ROLE OF ASHRAE AND MCA IN THE GREEN BUILDING
PROCESS, ACCREDITATION, WORKSHOPS, MEMBERSHIP IN
USGBC, THE GREEN BUILDING STUDIO*

PLEASE JOIN US!!

Support your N.J. Devils

The Chapter is arranging a Social Event to see the NJ Devils Game on Saturday January 21st at the Meadowlands Arena. Please contact Chapter Administrator or Program Committee Chair if interested in attending.

Do not miss a chance to see the Devils at Discount \$36 rate per person on

Devils Ski Cap Giveaway Day!!!!

Meet other NJ Chapter Members and their families

COMMITTEES
 (CONTINUED)

NOMINATING	LINDA CAROLAN 908-663-2180
PROGRAM	JORI FAHRENFELD 856-795-2224
SEMINARS	MARK RICHTER P.E. 732-577-9000
ROSTER/DIRECTORY	BRIAN MATHIAS 973-276-2734
TECHNICAL SESSIONS	JORI FAHRENFELD 856-795-2224
SCHOLARSHIP	OPEN
CRC 2005	MIKE CASOLARI (609)860-6600
SPECIAL EVENTS/GOLF OUTING	LINDA CAROLAN 908-663-2180
AUDIT	MIKE GARBARINI 732-695-5077
BUDGET	MARK RICHTER 732-577-9000
HISTORIAN	BOB DALY
ATTENDANCE/RECEPTION	MARK MCLEOD 973-633-7730
HONORS & AWARDS	JEFFREY GRANT 908-272-6755
WEB PAGE DESIGN	OPEN
CHAPTER BYLAWS	SPENCER MORASCH 732-212-4133

N.J. ASHRAE CHAPTER
 P.O. Box #3, MIDDLESEX, N.J.
 ADMINISTRATOR
 RUTH GIACOBBE
 1-(800)-927-7234

E-MAIL - NJ.ASHRAE@VERIZON.NET

WWW.NJASHRAE.COM

ASHRAE ATLANTA
 TOLL FREE MEMBERSHIP
 NUMBER
 1-(800)-527-4723

THE PRESIDENT'S MESSAGE
Greetings!

My year as your president is half way through and I want to take a moment to thank all of the officers, board of governors and committee members for your hard work and dedication on behalf of New Jersey ASHRAE. I would also like to extend a special thanks to all those who have taken time out of their busy schedules to attend our monthly dinner meetings.

During the next few months we will be conducting joint meetings with organizations that share our interest in HVAC related matters. Our January Dinner Meeting will be hosted by the Mechanical Contractors Association and also attended by ASPE. This is always a great event and we hope to see many of you there.

Recently I have been approached by numerous people who want to join or get more involved in our chapters activities. This is great news because without the continued support and involvement of members like you we could not continue to be one of the premier chapters in Region I. In keeping with that ideal, please don't hesitate to contact me or any of the elected officers or committee members if you have suggestions or recommendations on how we can improve the chapter operations.

Myself, and all of the folks working on your behalf for New Jersey ASHRAE. Wish all of you a happy and healthy new year.

Yours truly,
 Russ Graham, *Chapter President*



**NJ ASHRAE
2005 – 2006
DINNER MEETING SCHEDULE***

**FEBRUARY 2ND
MEMBERSHIP AND HISTORY NIGHT**

**MR. MATTHEW MURELLO P.E.,
LEWIS GOODFRIEND & ASSOC.
NOISE & VIBRATION**

**MARCH 2ND
JOINT MEETING WITH USGBC**

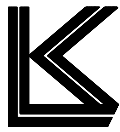
**APRIL 6TH
STUDENT NIGHT
SPEAKER TO BE ANNOUNCED
SYSTEM INTEGRATION**

**MAY 4TH
INSTALLATION OF OFFICERS AND BOARD OF
GOVERNORS
FAN AND PUMP DRIVES AND VFDs**

**JUNE 8TH
SPOUSE'S NIGHT**

** Speakers and topics subject to change. Refer to monthly newsletter announcements for available PDH credits for dinner speaking sessions.*

HELP WANTED



KALLEN & LEMELSON CONSULTING ENGINEERS, LLP

MECHANICAL • ELECTRICAL • PLUMBING • FIRE PROTECTION

We are presently seeking a **Senior Level Mechanical Engineer** for a key position on interesting and challenging projects.

The successful candidate should have the following experience:

- Design of HVAC systems for institutional and commercial buildings (preferably 10+ years of design experience)
- Project Management experience, with good communication and organizational skills
- Degreed engineers with P.E. licenses are preferred, although not mandatory

This position comes with unlimited growth and partnership potential.

We are also seeking qualified Designers and CAD Draftspersons for non-management positions, with HVAC, plumbing and/or fire protection experience.

If you meet the above qualifications, please forward your resume including cover letter and salary requirements to:

Kallen & Lemelson, LLP
520 Eighth Avenue, 17th Floor
New York, NY 10018
ATT: Gloria McIntosh
Email: gmcintosh@klengineers.com
K&L is an Equal Opportunity Employer

HVAC Manufacturers Representative:

Long Island based HVAC/Plumbing manufacturers' representative is opening an office in northern N.J. and seeks experienced 3-Phase ups/switchgear sales people to cover northern New Jersey. Candidates must possess 5 to 10 years experience in the sales/specification of 3-phase ups, switch gear, gensets, racks, PDU's CRAC's etc. Must possess a strong customer base of engineers, contractors VAR's and end-users.

If you are looking for the career opportunity of a lifetime with excellent salary, commission and benefit package look no further. Extensive factory training included.

Frank D. Morgigno
Applied Technologies of NY, Inc.
90 Plant Ave, Suite 110
Hauppauge, NY 11788
Tel:(631) 331-0215



Schoor DePalma is looking for a HVAC Engineer with 3– 5 years experience in the field of HVAC. The individual should possess strong Communication and Computer-aided Design experience. Contact Mark Richter P.E. at (732)577-9000 ext 1277 or email resume to MRichter@schoordepalma.com

Schoor DePalma, a leading engineering and consulting firm in the region, offers a broad range of consulting services for public and private clients from 11 office locations throughout New Jersey, Pennsylvania and New York. Our award-winning company provides transportation services, land development planning, public works services, environmental services and building services.



HELP WANTED

Drafter/Estimator/Designer

A well established New Jersey family-owned Design-Build Mechanical Contracting & Service company is seeking a highly qualified Drafter / Designer / Estimator to join their expanding commercial and institutional contracting business.

Job Purpose:

Candidate will work closely with owners in preparing mechanical drawings, estimating material/equipment/sub-contracting costs, and designing new construction projects.

Minimal Requirements:

10-15 years in commercial/industrial HVAC industry, non-smoker, college degree, experience with CADD, project design, estimating & organizational skills for multiple projects, ability to work independently meeting specific time deadlines.

Duties:

- Prepares rough sketches and final as-built drawings.
- Onsite observations to validate mechanical layout.
- Organize and prioritize multiple projects.
- Solicit vendors and accurately make comparisons for material cost take-offs.
- Design drawings for new design/build projects.
- Maintains reliable data base on current and future work.

Skills/Qualifications:

CADD, Microsoft office suite, scheduling, self-motivated, vendor relationships, deadline-oriented, U.S. citizen, excellent teamwork, focused concentration, emotionally resilient, pleasant attitude.

Salary/Benefits: Competitive salary, comprehensive medical/dental/401k plan

Ken Celiano, Psy.D.
Dir. Personnel & Organizational Development
AJ Celiano, Inc. 460 Ludlow Ave
Cranford, NJ 07016 847-338-2199 (mobile)
www.ajceliano.com - kceliano@ajceliano.com

**If you wish to contribute articles in this years 2005-2006 issues of the
Thermogram**

E-mail articles to: MRichter@Schoordepalma.com or fax article to 732-431-9428

Reminder

Go to www.njashrae.com to update your personal information. Keeping your information current helps us to find you. Please add e-mail, phone number, fax number, address correction, etc.

Statements made in this publication are not expressions of the Society or of the Chapter and may not be reproduced without permission of the chapter.

**PLEASE VISIT OUR NEW WEBSITE
NJASHRAE.COM
FOR THE LATEST CHAPTER NEWS.**

SOCIETY NEWS....

Contact: Jodi Dunlop
Public Relations
678-539-1140
jdunlop@ashrae.org
1791 Tullie Circle NE
Atlanta, GA 30329

ASHRAE Energy Design Guide, ASHRAE Journal Earn Awards from SBIC

ATLANTA - The Advanced Energy Design Guide for Small Office Buildings published by ASHRAE has been recognized with its third award related to sustainability.

Also recognized with an award from the Sustainable Buildings Industry Council is a sustainability supplement to ASHRAE Journal.

The ASHRAE Journal supplement, *Building for the Future*, and the design guide both received honorable mention from the Sustainability Buildings Industry Council as part of its Best Sustainable Practice Awards. The publications were recognized in the educational initiatives category.

"These two publications are part of ASHRAE's technical resources that provide the engineering basis for sustainable buildings," Lee Burgett, P.E., ASHRAE president, said. "ASHRAE is pleased to be recognized for its efforts in engineering for sustainability."

Building for the Future is an annual supplement to ASHRAE Journal addressing several sustainable design issues for greater energy efficiency and responsible use of the earth's resources. It was published in the September 2005 issue.

The design guide was developed by a committee representing a diverse group of energy professionals drawn from ASHRAE, the American Institute of Architects (AIA), the New Buildings Institute (NBI), the Illuminating Engineering Society of North America (IESNA) and the Department of Energy (DOE).

The award is the third for the book, which earlier this year was recognized by the U.S. Green Building Council's as "a significant contribution helping to advance green building."

It also was recognized by the Alliance to Save Energy as part of its annual Stars of Energy Efficiency Awards program. The Alliance recognized ASHRAE for its "exemplary illustration of and commitment to energy-efficient policy and practice."

ASHRAE, AIA, IESNA and the U.S. Green Building Council are currently developing the second guide in the series, which will focus on small retail/mercantile spaces.

The cost of the Advanced Energy Design Guide for Small Office Buildings is \$59 (\$47, ASHRAE member).

To order, contact ASHRAE Customer Service at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), at 1791 Tullie Circle NE, Atlanta, GA 30329, or visit the ASHRAE.org Bookstore at www.ashrae.org.

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.

SOCIETY NEWS....

Contact: Jodi Dunlop
Public Relations
678-539-1140
jdunlop@ashrae.org
1791 Tullie Circle NE
Atlanta, GA 30329

**ASHRAE' 06 Winter
Tall Buildings Focus of ASHRAE Public Session**

ATLANTA - As skyscrapers have risen in height and sophistication since the first one was constructed in Chicago more than 100 years ago, so have concerns about their design and safety.

"Buildings taller than 300 feet pose unique design challenges for all involved," Peter Simmonds, Ph.D., IBE Consulting Engineers, Sherman Oaks, Calif., said. "To meet these challenges, a collaborative design approach that integrates architectural, mechanical and electrical design elements is needed to produce a fully functioning highly productive building."

That design approach will be highlighted in a free public session at ASHRAE's 2006 Winter Meeting, Jan. 21-25, Chicago. Integrated Design of Tall Buildings will be held from 3-5 p.m. Jan. 23, at McCormick Place.

One area to be addressed is fire safety challenges based on lessons learned since Sept. 11, 2001. The need for exit plans, smoke control, fire suppression and emergency communications will be discussed, along with how building security impacts exit plans, according to Simmonds, who will chair the session.

Speakers are:

Dan Jenkins, principal, The John Buck Co., Chicago, will present challenges in developing energy efficient and sustainable buildings.

Peter Ruggiero, AIA, design partner, Skidmore, Owings and Merrill, Chicago, will discuss problems and solutions associated with integrating all disciplines into design.

Ron Klemencic, president, Magnusson Klemencic Associates, Seattle, will discuss supporting buildings in non-seismic and seismic zones.

Reg Monteyne, senior vice president, Flack + Kurtz Inc., San Francisco, will discuss the building services systems, including system choice, energy requirements and distribution systems.

William A. Webb, project director, Schirmer Engineering Corp., Chicago, will discuss designing fire and life safety systems for tall buildings.

Held with the ASHRAE Winter Meeting is the ASHRAE co-sponsored International Air-Conditioning, Heating, Refrigerating Exposition, Jan. 23-25, at McCormick Place. For more information, contact International Exposition Company at 203-221-9232, info@ahrexpo.com, www.ahrexpo.com.

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.