

ASHRAE MONITOR

www.hamptonroads.ashraechapters.org



Mission Statement

“To advance the arts and sciences of heating, ventilation, air conditioning, and refrigerating to serve humanity and promote a sustainable world.”

In this Issue:

- P2: The President’s Pen
- P3: Technical Seminar
- P4 ASHRAE Learning Institute
- P5: Young Engineers In ASHRAE
- P6: E4K Sponsors
- P7: Meeting Schedule

The Discussion Topics:
Tuesday, October 30, 2012
“Duct Design and LEED”

Date & Time: Tuesday, Oct 2, 2012
 Lunch: 11:45A.M - 1:00 P.M.
 Dinner: 5:00P.M. - 6:15P.M.

Speaker: Gerard L. Lacouzze
(McGill AirFlow LLC)

Place:

Lunch Location:
ITT TECH Auditorium, 863 Glenrock Road, Norfolk, VA 23502
Time: Meet and Greet/Lunch at 11:45am and Tech Session begins at 12:00 pm

Dinner Location:
Warwick Plumbing and Heating Corporation, 11048 Warwick Blvd., Newport News, VA 23601
Time: Meet and Greet/Dinner at 5:00 pm and Tech Session begins at 5:15 pm

Cost: Members \$20, Guests \$25 & Students \$10

Signup:

See page 3 for details

NEW:
Peninsula Technical Session!!

ASHRAE Hampton Roads has recognized the need for technical sessions to be held for our members on the peninsula. We are excited to offer our monthly meetings on both sides of the tunnel. The evening sessions will be hosted at Warwick Plumbing & Heating.

Publish an Article about Your Project

Do you have a unique, challenging, or otherwise interesting project that you’d like to share? If so, please send a write-up and photos (if applicable) to Daniel_Johnston@siemens.com. We will include one article per month in the ASHRAE Monitor. Preference will be given to local projects exhibiting sustainable design/construction practices.

- President - Paul Butler - PaulB@aceshvac.com
- President Elect - Richard Roberts- Richard.w.Roberts@jci.com
- Vice President - Daniel Johnston - Daniel_Johnston@siemens.com
- Secretary - Open Position - Nancy Mitchell-Veeck (Acting)
- Treasurer - Scott Almond - scott@mail.ashrae.org

Chapter cannot act on behalf of the Society.

Committee Participation is Needed and Welcomed

If anyone has an interest in becoming involved with ASHRAE we welcome people to serve in various ways. Please feel free to contact any of the board members to get more information. You can also visit the ASHRAE web site to find out more about getting involved. It is a great way to plug in to your local community of peers and grow personally and professionally. For those of you who have served before, we welcome your participation also. Every effort helps to enrich our local community.

Your Feedback Matters

Are there things that you would like to see happening in ASHRAE? Please feel free to contact us with suggestions for improvement and with ideas on how you would like to see the local ASHRAE chapter change or improve. We welcome and value your feedback. Again, you can contact us utilizing the email addresses on Page 1.

Thanks!

From the Presidents Pen

Dear Members and friends,

The weather has changed and here we are in the middle of the invigorating fall season. The ASHRAE programs are well underway and we are enjoying another successful year here in Hampton Roads.

The 5th Annual E4K Pig Roast was a success. It was another event to remember and there was a fantastic sunset to cap it all off. **THANK YOU** to our generous sponsors, to all who worked to make this happen and to those who attended.

There are opportunities for our members to plan and implement the projects funded by the E4K events. We need you and I request that anyone who could help in any way contact me. The way we utilize the funds will directly impact our local community and it is very rewarding to be a part of that.

The peninsula dinner meeting that we have added has received great feedback. The attendance and support from our membership needs to be there to make it a success. Please seize this opportunity and be sure to get everyone out to our dinner meeting on the peninsula or to our lunch meeting in Norfolk (see details in this newsletter). We are working hard to ensure that our meetings are enjoyable and educational. The environment is designed to be comfortable and void of commercialism.

We are focused on improving locally by growing our membership and seeing more board and committee involvement. From direct and indirect feedback I understand that the perception is that ASHRAE benefits its members and that being involved is necessary. I am encouraging our AHSRAE members and veterans to mentor others and to encourage involvement and participation in ASHRAE. Involvement in small ways helps tremendously. I am convinced that the health of HRC ASHRAE will benefit from these small efforts in a great way.

Please share this newsletter both within and outside of your organization and contribute by getting the word out. I look forward to seeing you at the events!

Don't forget to look at our updated calendar and mark the dates for the events.

Thank you for making it happen for ASHRAE in Hampton Roads!

Paul Butler - Hampton Roads Chapter President

Tuesday, October 30, 2012
“Duct Design and LEED”



Guest Lecturer – Gerard L. Iacouzze – “Gerry” is a National Technical Service Engineer for McGill AirFlow LLC in Bowie, Maryland. He provides application engineering services to engineers, contractors, and building owners. During his 24 year career, Gerry has been responsible for sales, trainings, application engineering, and liaison services. His experience in the duct and HVAC equipment field spans over 40 years with positions as the associate technical director of SMACNA, NEBB, and GAMA. Gerry also served on the ASHRAE Duct Design Committee TC 5.2 and Central Forced Air H&C Systems TC 6.3. He has authored and co-authored 12 manuals, standards and duct construction documents. Mr. Iacouzze holds a degree of mechanical engineering from West Virginia University and is a current member of the ASHRAE National Capital Chapter.

Topic: “Duct Design and LEED” – This seminar will cover the basics, fundamentals, design and performance considerations, leakage, and product choices. This topic will explore the energy savings via good duct design as well as highlighting comfort, environment, health, and productivity.

Earn 1 hour of Professional Development Hours at this meeting.

Date: *TUESDAY** October 30, 2012**

Lunch Location: ITT TECH Auditorium, 863 Glenrock Road, Norfolk, VA 23502

Time: Meet and Greet/Lunch at 11:45am and Tech Session begins at 12:00 pm

Dinner Location: Warwick Plumbing and Heating Corporation, 11048 Warwick Blvd., Newport News, VA 23601

Time: Meet and Greet/Dinner at 5:00 pm and Tech Session begins at 5:15 pm

Payment: Members = \$20.00 Non-Members = \$25.00 Students = \$10.00

For reservations go to <http://hamptonroads.ashraechapters.org/>

ASHRAE Learning Institute

Seminars & Courses at ASHRAE's Winter Conference and AHR Expo in Dallas, TX

2 WAYS TO REGISTER

Internet: www.ashrae.org/dallascourses

Phone: Call 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Full-Day Professional Development Seminars

~~\$485~~/\$395 ASHRAE Member – Earn 6 PDHs/AIA LUs or .6 CEUs

The Commissioning Process in New & Existing Buildings
Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

Complying with Standard 90.1-2010
Tuesday, Jan 29 – 9:00 a.m. to 4:00 p.m.

Data Center Energy Efficiency
Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

**Energy Modeling Best Practices and Applications:
HVAC/Thermal**
Tuesday, Jan 29 – 9:00 a.m. to 4:00 p.m.

Healthcare Facilities: Best Practice Design & Applications
Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

Half-Day Short Courses

~~\$159~~/\$119 ASHRAE Member – Earn 3 PDHs/AIA LUs or .3 CEUs

Air-to-Air Energy Recovery Fundamentals
Sunday, Jan 27 – 2:00 p.m. to 5:00 p.m.

Commissioning Process & Guideline 0
Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

**Humidity Control: Applications, Control Levels
and Mold Avoidance**
Sunday, Jan 27 – 2:00 p.m. to 5:00 p.m.

Evaluating the Performance of LEED®-Certified Buildings
Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Air-to-Air Energy Recovery Applications: Best Practices
Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

**Optimization of HVAC Systems & Components:
Techniques & Real-World Examples**
Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

**Application of Standard 62.1-2010:
Multiple Spaces Equations & Spreadsheet**
Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

Energy Management in New and Existing Buildings
Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

Combined Heat & Power: Design through Operations
Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

Avoiding IAQ Problems
Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

**Understanding Standard 189.1-2011 for
High-Performance Green Buildings**
Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Designing Toward Net Zero Energy Commercial Buildings
Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.

**Introduction to Ultraviolet Germicidal
Irradiation (UVGI) Systems**
Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Understanding & Designing Dedicated Outdoor Air Systems
Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.

Laboratory Design: The Basics and Beyond
Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.

HVAC Design Training

Jan 14-18, 2013 • Jan 30-Feb 1, 2013 (Level I only) • Mar 18-22, 2013 • Jun 3-7, 2013 • Aug 12-16, 2013

HVAC Design: Level I - Essentials

Gain practical skills and knowledge in designing, installing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

HVAC Design: Level II - Applications

Developed by industry-leading professionals, the workshop provides participants with advanced level information about designing, installing and maintaining HVAC systems that can be put to immediate use. Participants will gain an in-depth look into Standards 55, 62.1, 90.1, and 189.1 and the Advanced Energy Design Guides, as well as a range of other HVAC topics including: HVAC equipment and systems; energy modeling; designing mechanical spaces; designing a chiller plant; and BAS controls.

Visit www.ashrae.org/hvacdesign to register

Young Engineers in ASHRAE (YEA)

Hi everyone,

Join us for our next YEA Happy Hour at the Greene Turtle in Greenbrier Mall, Chesapeake! Come take break from your work-week and catch up with other HVAC professionals under 35 years old. You can find us out there Thursday, October 25th from 5:30 to 7:30. Visit the e-vite for more info and to RSVP: <http://goo.gl/s3P4Y>.

Also! You can reach us at hamptonroadsyea@gmail.com. Seeya there! We now have [our own Facebook page](#)! Look for "Hampton Roads YEA" and Like our page so you'll get Facebook updates when we post new events or reminders for Chapter meetings and other cool happenings. You'll also be able to post feedback, see photos, and connect with other YEA'ers.

Thanks again for the interest and enthusiasm so far. Take care and I hope to plenty of you soon!

-Marc Robillard
YEA Committee Chair

THANK YOU 2012 SPONSORS!!!

E4K Pig Roast Benefit



Gold Level



7420 CENTRAL BUSINESS
PARK DRIVE, SUITE 3
NORFOLK, VA 23513
(757) 486-1600
FAX (757) 486-8606

611 MOOREFIELD PARK DRIVE
SUITE A
RICHMOND, VA 23236
(804) 323-7890
FAX (804) 323-7895

1314 PETERS CREEK ROAD, N.W.
SUITE 252
ROANOKE, VA 24017
(540) 562-0500
FAX (540) 562-1975

Silver Level



Bronze Level

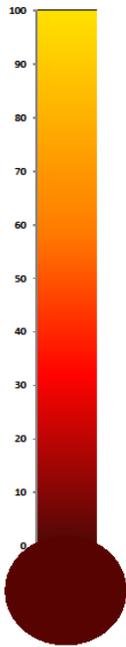


ASHRAE MONITOR

**HRC:2011-2012
Research Promotion Goal**



Year End Total	
Goal	\$4,100.00
Year End	\$4,355.00



106.2% of Goal !

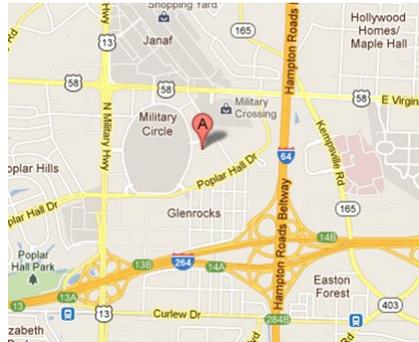
Committee Chairs

- Membership Chairman:** Douglas Henderson
- Research Promotion:** Forrest Morgan
- Student Activities:** Gary Hayden
- Historian:** Joe Hahn
- Refrigeration:** Tim Adams
- Technology Transfer:** Steve Lowe
- Website Editor:** Scott Almond
- YEA Committee Chairman:** Marc Robillard
- Chapter Volunteer:** Jeremy Thomas

- Board of Governors:** Rob Ainsley, Nancy Mitchell Veeck, Al Veeck

**Lunch:
ITT TECH Auditorium
863 Glenrock Road, Norfolk, VA 23502**

**Dinner:
Warwick Plumbing and Heating Corporation,
11048 Warwick Blvd., Newport News, VA 23601**



Meeting Schedule

Duct Design and LEED Oct 30	ODU Student Chapter Tailgate Party William and Mary at ODU Nov 10
Chapter Meeting TBD Dec 4	Sustainable Designs by Virginia Beach Public Schools Jan 8
Holiday Social December	AHR Expo Jan 28-30
Chapter Meeting TBD Feb 5	