



The PENNANT

Central PA ASHRAE Newsletter

<http://cenpenn.ashraechapters.org>

February 2009

In This Issue

[Society Press Releases](#)

[Meeting Announcement](#)

[Schedule of Events](#)

[Bulletin Board](#)

[Manufacturer Directory](#)

[ASHRAE Satellite Broadcast](#)

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Members,

It may be February, the second month of the year, but in terms of ASHRAE programs we are nearing the end of programs calendar. Don't panic -- we still have three great opportunities for programs before we take our summer break.

Coming up in February, William Seaton of ARM Energy, Inc., will be presenting on renewable energy. While the prices at the pump have decreased, I think we can agree that our place in history is to continue to pursue technologies to ensure a decreased dependency on fossil fuels.

In March, we are asking you to stretch your legs a bit. We are touring the Gettysburg National Battle Field Museum. The tour will include the mechanical spaces which feature a high efficiency heat pump system.

The student members are back in Harrisburg for the April meeting. I encourage you to attend this meeting if you have not experienced student night before. Students will present their work (sometimes in the form of working scale models of HVAC equipment) and socialization and networking will abound. All-in-all it is great time and a great way to close out the programs for the year.

Also don't forget about another opportunity. If you recall in the mailing we sent out in August, I encouraged you to contact me to discuss our ASHRAE chapter. Feedback from our chapter members is always welcome, but seldom received.

Mark Tome, P.E.

08-09 Chapter President

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Research Promotion
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Thank You!

Many thanks to Larry Kouma of Johnson Controls for his presentations at last months meetings. What a great opportunity to have someone so familiar with Standard 90.1 come in and provide some add'l clarification for it.

Also Thank you to AEE for joining with us for this program - it was great to have them take part.

Another "thank-you" to the Education Committee for their work in organizing the "Stuff You Don't Learn in Engineering School" seminar. The seminar proved to be useful for engineers of all experience levels. Seasoned professions were able to "sharpened the saw" while others gained valuable techniques to help their careers.

Meeting Announcement

Young Engineers in ASHRAE Night

Virtual Keg Sponsored by NRG Controls, Inc.

Wednesday, February 11, 2009
Appalachian Brewing Company, Harrisburg
50 North Cameron Street, Harrisburg, PA

5:00-6:00 Social Hour
6:00-7:00 Dinner
7:00-8:00 Program: Renewable Energy (William Seaton, PG PhD)

Program-Renewable Energy (William Seaton)

Bill Seaton of ARM Energy Solutions (ARM) of Hershey, PA will be speaking about sustainable energy engineering and consulting including: solar energy, wind energy, and geothermal energy systems. While touching on solar and wind energy, the talk will focus on optimizing well field performance for ground source geothermal systems by using advanced hydrogeological and geophysical methods. The talk will include a brief summary of open loop, standing column and closed loop well fields and a discussion of how the hydrogeology of a site will impact these types of systems. Case histories with system/option costs will be included in the presentation.

Bill was born and raised in Syracuse, NY and currently lives in Harrisburg, PA. Bill has an MS and Ph.D. in Geological Sciences from Virginia Tech, is a certified Professional Geologist (PG) in Pennsylvania and has practiced geology and geophysics for 30 years. Bill is currently a Senior Hydrogeologist/Water Resources Program Manager for ARM in Hershey, PA.

Reservations:

RSVP: toddp@triangleRefrigeration.com or (717) 656-5720

Deadline: Monday, February 9, 2009 @5:00pm Please!

Chapter Members: \$30.00

Non members: \$40.00

Retired: \$5.00

Note to all Chapter Officers and Committee Chairs: Chapter Officers, Board Members and Committee Chairs have standing reservations. If you do not RSVP by the deadline, you will be billed for the fun time you missed.

Free MBA!

Gain experience with decision making, bookkeeping, marketing, recruiting, public speaking and much, much more!

Serving as an ASHRAE chapter officer or committee chair offers experiences that your day job cannot.

The chapter has started the nomination and election process for the 2009-2010 year. If you are interested in the opportunities we have please contact Todd Postlethwait. (717)-656-5720

(so, it really isn't an MBA, but it is much more fun -- just so there is no confusion)

Society Press Releases

[ASHRAE Technology Awards Highlight Outstanding Building Projects](#)

January 25, 2009

CHICAGO - Designers of systems for a community center, a school, an office building and a governmental building are recognized by ASHRAE for incorporating elements of innovative building design. Recipients of the ASHRAE Technology Awards were recognized at the Society's 2009 Winter Conference being held this week in Chicago. The recipients have applied ASHRAE standards for effective energy management and indoor air quality.

[ASHRAE Recognizes Outstanding HVAC&R Industry Achievements](#)

CHICAGO - ASHRAE recognized 46 people for their contributions to ASHRAE and the HVAC&R industry at the Society's 2009 Winter Conference held here Jan. 24-28.

Schedule of Events

Date & Location	Event
September 10 - Wyndham Garden 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Past Presidents Dedicated Outdoor Air Systems Active Chilled Beams
October 8 - ABC - Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Membership Promotion Solar Technology Solar Tubes
November 12 - ABC - Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Research Promotion Engineering and Insurance Legal Issues
December 10 - ABC Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	History Night Integrated Design Energy Modeling
January 14 - Wyndham Garden Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Joint meeting with AEE ASHRAE 90.1 Standard 2007 90.1 Changes from 2004 to 2007 Overview of Std 189.1
January 21 - Sheraton Harrisburg/Hershey Professional Development Seminar 7:45 - 8:30 AM REGISTRATION & CONTINENTAL BREAKFAST 8:30 AM - 12:30 PM SEMINAR	"Stuff You Don't Learn in Engineering School" By Carl S. Selinger Learn important soft skills that engineers and other professionals need to know
February 11 - ABC Harrisburg 5:00 pm - 6:00 pm Social Hour 6:15 pm - 8:00 pm Dinner/Program	YEA Night Come and learn more about renewable energy!
March 11 - Location 5:00 pm - 6:00 pm Museum Tour 6:15 pm - 8:00 pm Dinner/Program	Gettysburg National Battle Field Museum Tour TBD
April 8 - ABC - Harrisburg 5:00 pm - 6:00 pm Tech Session 6:15 pm - 8:00 pm Dinner/Program	Student Activities Night Social with Students Thesis Presentations by AE Students
May - TBD	Family Night TBD
July - TBD	Golf Outing to benefit ASHRAE Research

Bulletin Board

In Memory

Bob Lezzer passed away on New Year's Day at the age of 76. Bob was Chapter president in 1974-75, and was retired from PA Housing Finance Agency. I met Bob when I first got involved in ASHRAE in the early 70's, when I was a young design engineer at Basco in York. Bob was the design department of C. C. Kottcamp & Son in York. (provided by Tom Long)

NEW MEMBERS - We've had several new members join the ranks recently. We'll be providing you with add'l info next month...for now, if you see a new face be sure to introduce yourself and welcome them!

[New Standard 189 Committee to Hold First Meeting in Chicago at ASHRAE Winter Conference](#)

January 23, 2009

ATLANTA - The newly expanded committee tasked with writing the nation's first standard on high-performing green buildings has begun work again. The committee for proposed Standard 189.1, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings, will hold its first meeting at ASHRAE's 2009 Winter Conference in Chicago on Tuesday, Jan. 27 at 8 a.m.

[ASHRAE 2008 BACnet Published](#)

January 21, 2009

ATLANTA - Guidance to reduce a building's energy consumption on demand is contained in ASHRAE's newly published BACnet standard ...

[ASHRAE's 2009 Satellite Broadcast Focuses on IAQ for Sustainable Buildings](#)

January 15, 2009

ATLANTA - What's lean and green and clean all over? Your next sustainable building project and its indoor air quality, thanks to ASHRAE's upcoming satellite broadcast ...

Join Our Mailing List!

Awards, Promotions, New Employees, New Members, Weddings/Births/Deaths/Anniversaries, etc. (posted free of charge)

Put it in the Pennant - Send your announcements to Brent Adams - badams@fswelsford.com

We also publish employment opportunities.

The cost is \$50 per issue.

2009/2010 Directory

Attention!

Manufacturers' Representatives in the Central PA Area

The Central Pennsylvania ASHRAE Chapter is pleased to announce that we are ready to accept updates and new listings for the third edition of the Product Representative and Distributor Directory.

If you created an account previously, your company and listing information will be available to review and edit. Please use your user name and password to access this information, or follow the steps to create a new account. With a planned distribution of 500 copies, area engineers, contractors and decision makers will be looking for you in the directory. All local ASHRAE members will receive a complimentary copy. The cost is \$150.00 for the first page and \$50.00 for each additional page. Pay by credit card using our secure and encrypted web server. Each account will receive three copies of the final directory. Proceeds will fund Central PA ASHRAE initiatives such as the scholarship fund. The server will be available for data collection and editing through April 1st. The directory will go to print in June and be available for distribution by the golf outing.



Visit www.cenpendirectory.org to access the directory website.



ASHRAE Satellite Broadcast

Clean, Lean, and Green: IAQ for Sustainable Buildings

April 22, 2009, 1:00p.m. - 4:00p.m.

Using the guidance provided by the IAQ Guide: Best Practices for Design, Construction, and Commissioning developed through collaboration with ASHRAE, AIA, BOMA, EPA, SMACNA and USGBC, this broadcast will challenge the building community to use enhanced IAQ practices to create a more sustainable built environment. Join ASHRAE in learning more about your role in transforming mid-range practice into best practice for healthy, productive, sustainable indoor environments.

FAQs - [Frequently Asked Questions](#)

About the Panel of Presenters - [Hoy Bohannon](#), [Barney Burroughs](#), [George DuBose](#), [Martha Hewitt](#), [John McFarland](#)

About the Moderator - [Don Rheem](#)

Program - [Tentative Agenda](#)