



# The PENNANT

## Central PA ASHRAE Newsletter

<http://www.cenpenn.ashraechapters.org>

January 2009

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### 2008-09 Board & Chairs

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## WAM!

The PSU Student Branch is raising money to fund a trip to the **Winter ASHRAE Meeting** in Chicago. If interesting in contributing to their fund contact Dr. Bahnfleth [wbahnfleth@psu.edu](mailto:wbahnfleth@psu.edu)



Members,

Welcome to 2009! Welcome to a busy January. For whatever level of ASHRAE you participate at, January is the month for you!

### [Future Cities Competition, January 10th, Whitaker Center](#)

The annual National Engineers Week Future City™ Competition-now in its 17th year-focuses attention on the extraordinary potential of 12- to 14-year-old girls and boys to become America's next generation of great scientists, inventors, and engineers.

The Competition requires participating students to use their creativity, ingenuity, and, above all, their knowledge of science, technology, engineering, and mathematics to perform 6 specific projects-the most exciting of which is to construct a scale model of a city as it might exist at least 100 years from now. Not a pie-in-the-sky fairyland but a "real" Future City that uses student-envisioned scientific and Tech-nological breakthroughs to meet its citizens' needs.

### [Chapter Meeting, January 14th](#)

Once again, we are pulling from our supply of local experts to enlighten us on technical topics. Please join us this month as Larry Kouma of JCI presents Standard 90.1.

### [Professional Development Seminar, January 21st](#)

"Stuff You Don't Learn in Engineering School" Not the stuff you forgot or really didn't understand, but the stuff that was not in the curriculum -- soft skills. Whether you are a seasoned professional or the new person in the office, you can benefit from this seminar. After all, you can't master soft skills, but you can improve them.

Research Promotion  
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[Rachel Voigtland](#)

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## Thank You!

Many thanks to Marcus Sheffer of Energy Opportunities, Inc.! Marcus presented both the Technical Session and Program at the December meeting. We are very fortunate to have a resource like Marcus as a chapter member.

## Society Press Releases

[Requirements to Standard 90.1 Proposed; Open for Public Comment](#)  
December 30, 2008

[ASHRAE College of Fellows Celebrates 10th Anniversary](#)  
December 12, 2008

[ASHRAE Hosts Conference on Net-Zero Buildings](#)  
December 10, 2008

[New Report Provides Roadmap for Energy Policy and Strategies in the New Administration](#)  
December 8, 2008

## **Winter ASHRAE Meeting & AHR Expo, January 24-28**

Technical seminars, networking opportunities, society meetings and equipment expo. Go to Chicago and get blown away -- maybe in more ways than one.

**Mark Tome, PE**  
[mat@ba-inc.com](mailto:mat@ba-inc.com)  
717-845-7654 x237

## Meeting Announcement

**Wednesday, January 14, 2009**  
**Wyndham Garden Hotel Harrisburg**  
765 Eisenhower Boulevard, Harrisburg, Pa 17111

5:00-6:00 Tech Session: Intro to ASHRAE Std 90.1  
6:00-7:00 Dinner  
7:00-8:00 Program: Changes in 2007 standard and direction of 2010 version. Also a quick look at 189.1

### **Tech Session-Introduction to ASHRAE 90.1 (Larry Kouma)**

ASHRAE Standard 90.1 is a key document in the design world for energy design requirements and conservation. It is incorporated into almost all Building Codes through its inclusion in the International Energy Conservation Code (IECC) and many state energy codes. The Tech Session will serve as an introduction to those not familiar with Standard 90.1 and a refresher course for those who have been introduced to the Standard.

### **Program-Standard 90.1 in more depth (Larry Kouma)**

Standard 90.1-2007 was adopted at the end of 2007 and is being included in the 2009 International Code Council's IECC. This part of the program will include what the goals for the 2007 version are and significant changes from the 2004 to 2007 version. We will also look at goals for the 2010 version and possible changes to reach those goals. If time permits there will be an update on Standard 189.1.

Larry Kouma  
Mr. Kouma is a Product Director at Johnson Controls and has been working in the HVAC industry for more than 17 years. He has experience with hydronic system design including product and application support for steam and chilled water systems. He currently leads a team responsible for R&D direction, product planning and engineering, application support, and system integration for large chilled water equipment. He was an active member of the SSPC 90.1 Committee for 8 years and continues as a consultant to the Mechanical Subcommittee. He is also an active voting member in AHRI Standards Committees. He has a BS in Mechanical Engineering and an MBA in Finance.

**Reservations: This is a joint meeting between ASHRAE and AEE local chapters so please respond to your organization.**

**ASHRAE members and guests:**  
RSVP: [todd@triangleRefrigeration.com](mailto:todd@triangleRefrigeration.com) or (717) 656-5720 for Todd Postlethwait  
Deadline: **Thursday January 8, 2009 Please!**

Chapter Members: \$30.00  
 Non members: \$30.00  
 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.

**AEE member and guests:**

RSVP: [Kollerr@syntec.carlisle.com](mailto:Kollerr@syntec.carlisle.com) or 1-800-453-2554 ext 7485 for Randy Koller

Deadline: **Thursday January 8, 2009 Please!**

Members: \$30.00  
 Non members: \$30.00

## Schedule of Events

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



## NATIONAL ENGINEERS WEEK FUTURE CITY COMPETITION™

### **The Third Annual Central PA Future City Competition will be held on Saturday January 10th, 2009!**

It will be held at the Whitaker Center in Harrisburg and will be an event to remember! With even more schools participating this year, the competition is going to be bigger and better than last year!

The Central PA Future City Competition planning committee would like to invite you to attend this year's exciting event! Come and help out or just sit back and enjoy the show! Here's the schedule for the big day:

8:00	am	Arrival/Set Up/Registration of Teams
10:00	am	Preliminary Judging of Models
10:45	am	Introduction
11:00	am	Preliminary Judging of Models
12:00	pm	Lunch
1:00	pm	Presentations to Judges in closed rooms
3:00	pm	Compile the scores from the judges
4:00	pm	Award Ceremony
5:00	pm	Photo Opportunity
6:00	pm	Breakdown/Move Out

For any questions or concerns regarding the competition day, Please contact William Sutton, [wsutton@futurecity.org](mailto:wsutton@futurecity.org) or 717-919-8627.

## Professional Development Seminar Announcement

### "Stuff You Don't Learn in Engineering School"

A SEMINAR OFFERED BY

THE CENTRAL PENNSYLVANIA CHAPTER OF ASHRAE

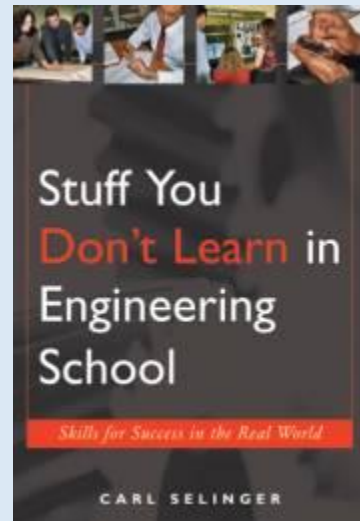
**UPDATE** Friday, January 23, 2009 **UPDATE**

[Sheraton Harrisburg/Hershey Hotel](#)  
4650 Lindle Road, Harrisburg, PA

**Presenter: Carl S. Selinger**

Carl Selinger is an independent consultant helping organizations with business strategy and applying new technologies, to increase customer satisfaction and enhance financial performance. Carl also gives professional development seminars - including his unique "Stuff You Don't Learn in Engineering School" - to teach the non-technical soft skills that are important to be effective in today's competitive real world. He is a globally-published author whose book and articles appear widely.

Carl is a frequent guest speaker for facilities' strategic planning sessions, focus groups and brainstorming sessions. His seminar, "Stuff You Don't Learn in Engineering School," has helped several thousand engineers and other professionals over the past decade learn non-technical soft skills -- like decision-making, setting priorities, negotiating, teamwork, running meetings, and writing and speaking better -- to be more effective and happier persons. Articles on these themes appear regularly in IEEE Spectrum magazine, where he is a Contributing Editor. His book *Stuff you Don't Learn in Engineering School: Skills for Success in the Real World* has been published by Wiley-IEEE Press.



Carl has extensive college teaching experience: Adjunct Professor of Civil Engineering at The Cooper Union teaching urban transportation planning for 30 years; and graduate-level planning courses at SUNY Maritime College. He has taught aviation, transportation and marketing courses at Pace University, New Jersey Institute of Technology and City University of New York (York College and City College). He is a faculty advisor to Cooper Union's chapter of Tau Beta Pi (the national engineering honorary

society), which elected him "Eminent Engineer". Carl is Past President of the Cooper Union Alumni Association, and was Cooper Union's "1993 Alumnus of the Year."



Carl holds civil and transportation engineering degrees from Cooper Union, Yale University, and Polytechnic University. He has been active professionally: Associate Member, Airports Council International - North America (ACI-NA) on the Business Information Technologies Committee and was liaison with the Business & Commercial Management Subcommittee; American Society of Civil Engineers (ASCE); Institute of Transportation Engineers (ITE); American Society for Engineering Education (ASEE); and Women's Transportation Seminar (WTS), where he mentors young professionals.

The unique four-hour *Stuff You Don't Learn* in Engineering School seminar covers the most important soft skills that engineers and other professionals need to know. These non-technical skills include: decision-making, setting priorities, being effective at meetings, better speaking, writing and listening, teamwork, leadership skills, understanding others and managing stress.

### **SEMINAR COST**

Cost for the Seminar is \$50. Continental breakfast and coffee/soda break will be included in the cost.

Checks/cash will be collected at registration *on the day of the seminar*. Make checks payable to: CENTRAL PENN CHAPTER ASHRAE. *Sorry, we do not accept credit cards.*

All attendees will receive a Certificate of Attendance documenting 4 Professional Development Hours.

### **RSVP**

Email your RSVP to: Tom Long - [thomas.long@mail.ashrae.org](mailto:thomas.long@mail.ashrae.org)

Please RSVP by Monday, January 19th. This seminar will fill up quickly so RSVP early! Include your name, phone number, and company/school name.

### **SEMINAR SCHEDULE**

**Registration & Continental Breakfast 7:45 - 8:30 AM**

**Seminar 8:30 - 12:30 PM**

## Bulletin Board

**Congratulations to Todd Postlethwait for recently receiving his LEED Accreditation!!**

**Congratulations to Mark Graybill for passing the PE Exam!!**

**Congratulations to Rachel Voigtland and her husband, and new ASHRAE member, Damon Smith. They were married on November 1st in the Blue Ridge Mountains of Virginia. Please join us in congratulating the newlyweds.**



**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](mailto:badams@fswelsford.com)

**We also publish employment opportunities.**

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