

# Steel City Flyer



**American Society of Heating, Refrigerating and Air-conditioning Engineers**

## This Month's Meeting

Meeting Date: Monday February 16<sup>th</sup> 2009

Location: Amici's (Formerly known as  
Tambellini's on 51)  
860 Saw Mill Run Boulevard  
Pittsburgh PA 15226

5:00-6:00 Reception  
6:00-7:00 Dinner  
7:00-8:00 Program

Price: \$35 ASHRAE Members & RSVP  
\$40 Non-members or Walk ins

RSVP: Fax to Karen Boyle at (412)276-9184  
Phone (412)276-9180  
[kboylejdm@aol.com](mailto:kboylejdm@aol.com)

## **Pittsburgh Chapter of ASHRAE Presents**

### **What we think we know about ventilation**

Speaker: Andrew Persily  
Leader, IAQ and Ventilation Group  
NIST  
Gaithersburg, Maryland

### What we will be discussing at this event?

- ASHRAE 62
- Common design mistakes made pertaining to ventilation
- What does the future hold for ventilation standards?

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# Speaker's BIOGRAPHY

## Andrew K. Persily

### Education

Beloit College, B.A., Physics and Mathematics, 1976

Princeton University, M.A., Mechanical and Aerospace Engineering, 1979

Princeton University, Ph.D., Mechanical and Aerospace Engineering, 1982

### Position

Leader

Indoor Air Quality and Ventilation Group

Building Environment Division

*Building and Fire Research Laboratory*

Dr. Persily works on indoor air quality and ventilation in commercial and residential buildings. His work includes the development and application of measurement techniques to evaluate airflow and air quality characteristics in a variety of building types, including large, mechanically ventilated buildings and single-family dwellings. The evaluation procedures include tracer gas techniques for measuring air change rates and air distribution effectiveness, contaminant concentrations measurements, and envelope airtightness. He is also involved with the development and application of multi-zone

airflow and contaminant dispersal models.

Dr. Persily is currently a vice-president of the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE), and is past chair of ASHRAE SSPC 62.1, responsible for the revision of the ASHRAE Ventilation Standard 62. He is a past chair of ASTM Subcommittee E6.41 on Air Leakage and Ventilation Performance and vice-chair of subcommittee D22.05 on Indoor Air Quality.

Dr. Persily's first two years at the National Bureau of Standards were as a National Research Council Postdoctoral Research Associate, working on air infiltration in homes and large buildings. He received the Department of Commerce Bronze Medal in December 1989 and Silver Medal in 2008, and was named Young Engineer of the Year by the D.C. Council of Engineering and Architectural Societies in 1990. He was named an ASTM Fellow in 2002 and an ASHRAE Fellow in 2004.

# 2008 / 2009 ASHRAE Events

DATE	TOPIC	SPEAKER	LOCATION
Sept. 15 2008	Tour Duquesne University Cogeneration/ ICE Storage Plant <i>Joint meeting with AEE</i>	George Fecik/Tour	Duquesne University Power Center
Oct. 20 2008	Quieting Mechanical Equipment	Kris Kollevoll BRD Solutions	Amici's Rt. 51 (Formerly Tambellini's)
Nov. 17 2008	Tour Allegheny County Forensics Lab <i>Student Night</i>	Chris Conroy/Tour	Allegheny County Forensics Lab
Jan. 19 2009	Future of Refrigerants <i>Past Presidents Night</i> <i>Donor Recognition Night</i>	James Wolf President Global Policy Associates ASHRAE Distinguished Lecturer	Amici's Rt. 51 (Formerly Tambellini's)
Feb. 16 2009	What do we think we know about Ventilation	Andy Persily National Institute of Standards and Technology	Amici's Rt. 51 (Formerly Tambellini's)
March. 16 2009	Wireless Control Technology	Jim Cole- Senior Product Manager, Trane Commercial Systems	Amici's Rt. 51 (Formerly Tambellini's)
April 20 2009	BIM/Revit (Membership Night) & (Student Night)	Robert Duffy  Eckels Group	Amici's Rt. 51 (Formerly Tambellini's)
May 18 2009	Are high performance buildings really performing?	Drury Crawly – Dept. of Energy (Ashrae Distinguished Lecturer)	Amici's Rt. 51 (Formerly Tambellini's)
June 15 2009	ASHRAE GOLF OUTING	NA	SHANNOPIN COUNTRY CLUB

# ASHRAE Society News

## ASHRAE '09: Engineering Tomorrow ... Today



**ATLANTA** – ASHRAE is moving right along in engineering tomorrow today through a proposed building energy labeling program and a proposed high-performance building standard, according to leaders at the Society's 2009 Winter Conference.

More than 2,800 people attended the conference, held Jan. 24-28, Chicago. Also taking place in conjunction with the meeting was the Air-Conditioning, Heating, Refrigerating Exposition, which attracted 54,000 registered visitors and exhibitor personnel. The Show ranks as the second largest AHR Expo, just behind the 2006 Show in Chicago, in terms of number of exhibiting companies (1,911).

Centered on the theme *Sustainable Urban Design: Engineering Tomorrow...Today*, the ASHRAE conference offered a technical program with more than 100 sessions, 15 educational courses and social events. The meeting also featured more than 600 meetings of technical, standards and standing committees, developing guidance for the future of the industry and ASHRAE.

"Through activities such as building energy labeling, the *Advanced Energy Design Guide* series and our net-zero-energy conference, ASHRAE members really are engineering tomorrow...today," ASHRAE President Bill Harrison said. "Chicago and its sustainable skyline offered a great opportunity to witness application of the technology shared at ASHRAE's technical program, educational sessions and committee meetings."

A major announcement was ASHRAE's proposed building energy labeling program, which the Society expects to launch at the 2009 Annual Conference in Louisville, Ky. Uniform metrics are vital to making buildings more energy efficient, according to Ron Jarnagin, chair of the committee overseeing the program, who updated attendees.

The ASHRAE program will include a method for rating the energy performance of buildings covered by Standard 90.1; qualification criteria for raters and assessors; provision of both Asset and Operational ratings to cover both design and operations; and a process for approving alternative methods.

For more information on the proposal, visit [www.ashrae.org/energylabeling](http://www.ashrae.org/energylabeling).

### ASHRAE IAQ Satellite Broadcast/Webcast April 22, 2009, 1pm – 4pm EDT

On Wednesday, April 22, 2009, ASHRAE's Chapter Technology Transfer Committee (CTTC) will present a satellite broadcast and simultaneous webcast on "**Clean, Lean and Green – IAQ for Sustainable Buildings.**"

Three PDH credits may be granted to those who view the program and then complete the Participant Reaction Form on our webpage following the broadcast.

-Location of the Satellite broadcast will be at  
Pittsburgh Trane  
400 Business Center Drive  
Pittsburgh, PA 15205

### Coming Soon: Pittsburgh Chapter Resource Directory

The 2009 ASHRAE Resource Guide is in the process of being put together. Tim Miller's committee will have information on costs, deadlines, in the next couple of weeks. The anticipated release of the directory is scheduled for June 2009. If you are interested in joining the committee please contact Tim Miller

[timmiller@nauticom.net](mailto:timmiller@nauticom.net)

# New Members

Please join me in welcoming the following individuals to the Pittsburgh Chapter of ASHRAE. New members are encouraged to join us at the next meeting, be properly introduced, and to meet the rest of our group.

Grant Scorsone	<a href="mailto:gscorsone@ductmate.com">gscorsone@ductmate.com</a>
LuAnn Orcutt	<a href="mailto:lorcutt@renickbrothers.com">lorcutt@renickbrothers.com</a>
Carl Shilling	<a href="mailto:carl.shilling@burthill.com">carl.shilling@burthill.com</a>
Richard Reeves	<a href="mailto:rick866@msn.com">rick866@msn.com</a>
Jason Konley	<a href="mailto:jkonley@gmail.com">jkonley@gmail.com</a>
Steven Preis	<a href="mailto:spreis@conspectusinc.com">spreis@conspectusinc.com</a>
Caitlin Hanzel	<a href="mailto:clh326@psu.edu">clh326@psu.edu</a>
Geoffery Kim	<a href="mailto:gjk139@psu.edu">gjk139@psu.edu</a>
Trien Lam	<a href="mailto:tul5017@psu.edu">tul5017@psu.edu</a>

# 2008 / 2009 Board and Committee Members

Position	Name	Business	Phone	Email
President	Steven L. Alauzen	Trane	412-747-3000	<a href="mailto:slalauzen@trane.com">slalauzen@trane.com</a>
President-Elect / Vice President	Chris Morgan	Delval Equipment	412-747-3000	<a href="mailto:cmorgan@delval.com">cmorgan@delval.com</a>
Secretary	Ray Manns	Westinghouse Electric	412-374-4829	<a href="mailto:mansrp@westinghouse.com">mansrp@westinghouse.com</a>
Treasurer	Curt Marsh	Pittsburgh Air Systems	412-539-1234	<a href="mailto:curt.marsh@pittsburghairsystems.com">curt.marsh@pittsburghairsystems.com</a>
Governor	Chris Conroy	Astorino	412-765-1700	<a href="mailto:cconroy@astorino.com">cconroy@astorino.com</a>
Governor	Kurt Scheer	BDA Engineering, Inc.	412-682-3603	<a href="mailto:kscheer@bdaengineering.com">kscheer@bdaengineering.com</a>
Governor	Tim Miller	Conair	724-934-8972	<a href="mailto:timmiller@nauticom.net">timmiller@nauticom.net</a>
CTTC Chair	Tom Poerio	Dodson Engineering	412-261-6515	<a href="mailto:tpoerio@dodsonengineering.com">tpoerio@dodsonengineering.com</a>
Research Promotion	Kurt A. Scheer	BDA Engineering, Inc.	412-682-3603	<a href="mailto:kscheer@bdaengineering.com">kscheer@bdaengineering.com</a>
Membership Promotion	Chris Conroy	Astorino	412-765-1700	<a href="mailto:cconroy@astorino.com">cconroy@astorino.com</a>
Student Activities	Dave Meredith	Penn State University - Fayette	724-430-4268	<a href="mailto:dxm15@psu.edu">dxm15@psu.edu</a>
Historian	Paul Parise	Burchick Construction	412-281-6029	<a href="mailto:parise@burchick.com">parise@burchick.com</a>
Newsletter	Daniel Kendra	Tower Engineering	412-931-8888	<a href="mailto:dan.kendra@estower.com">dan.kendra@estower.com</a>
Reception	Dennis Kelly / Karen Boyle	J. D. McSteen Company	412-922-5300	<a href="mailto:dkellyjdm@aol.com">dkellyjdm@aol.com</a> <a href="mailto:kboylejdm@aol.com">kboylejdm@aol.com</a>
Resource Guide	Tim Miller	Conair	724-934-8972	<a href="mailto:timmiller@nauticom.net">timmiller@nauticom.net</a>
Golf Outing	Ross Kladakis	Pittsburgh Trane	412-747-3000	<a href="mailto:rkladakis@trane.com">rkladakis@trane.com</a>
Website	Dave Windhorst	Grove City Student Chapter		<a href="mailto:Windhorstdp1@gcc.edu">Windhorstdp1@gcc.edu</a>



Board of Directors



Grassroots Committee Chairs



Committee Members & Volunteers