



# CLEVELAND ASHRAE NEWSLETTER

JANUARY 2008

## JANUARY MEETING

### *LEED Insights and Information for Every ASHRAE Engineer*

Thursday, January 17, 2008

Times:	10:45-11:30am	Board Meeting
	11:30-11:50am	Sign-In
	11:50-1:00pm	Lunch & Presentation

Speaker: James MacMillan

Location: Sheraton Hotel  
5300 Rockside Road  
Independence, OH 44131

R.S.V.P. @ (216) 373-0315 by 12:00 Noon on Wednesday, January 16th for Reservations.

Please state if you need a CPD Certificate. Dress Attire is Business Casual.

Our January presenter will be one of our own, Mr. Jim MacMillan. What a way to start the New Year! Jim has graciously agreed to enlighten our chapter with various LEED insights and information. Please join us on Thursday, January 17, 2008 at the Sheraton Hotel on Rockside Road in Independence for the answers to the following questions:

1. What LEED rating system has the largest marketing opportunity for HVAC engineers?
2. How will the proposed "LEED for Healthcare" affect your designs?
3. How many LEED rating systems are in existence today?

During our meeting we will also review current LEED issues that are important in the designs of mechanical systems and the marketing of engineering services. All attendees will be eligible for a fabulous prize!

## This Month's Sponsor

### R.L. Deppmann Company

5145 Brecksville Road; Suite 101  
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If you are interested in sponsoring the newsletter,  
please contact Matt Morgan at 216-391-3700.



# THE PRESIDENT'S CORNER

BY KEN WISSNER



As tradition goes, this season is meant for spending time with family and close friends. I trust this year has been no exception for you and your family. I hope everyone had a very Merry Christmas and is blessed with a successful New Year.



I'd like to take this opportunity to recognize and express my gratitude to all of the officers and committee chairmen. Too many to mention, but my thanks go out to all of you. Without the support from these individuals, our ASHRAE Cleveland Chapter would not be what it is today.

You'll be please to know that the ASHRAE Cleveland Chapter Board of Governor's has been hard at work planning for the second half of our 2007 – 2008 year. We begin this month with a lunch meeting at the Sheraton Hotel where Jim MacMillan will be discussing LEED. Our goal this year is to provide quality programs and some change to the monthly events.

I am also pleased to report that each member of ASHRAE Cleveland Chapter Board of Governor's contributed \$100 to Research Promotion and we will again receive the Full

Circle Award. Since we still have not reached our chapter goal this year, please consider (if you haven't already) making a donation for a very worth while cause. Contact Dominic Cacolici to do so.

As most of you know, the winter ASHRAE meeting in New York City is next week. Not exactly sunny Florida but I recommend for those of you who have never attended a winter meeting, that this year become your first.

Lastly, if you haven't been to a chapter meeting recently, plan to join us for lunch. We're sure you won't be disappointed (don't forget to register). I look forward to the upcoming meeting and getting an opportunity to see you all early in 2008.

Remember, until they are home; keep our soldiers in your prayers!

## OFFICERS & COMMITTEE CHAIRMEN

### 2006-2007 Officers and Board of Governors

**President** Ken Wissner  
**President Elect** Matt Nelson  
**Treasurer** Robert Laneve  
**Secretary** Andrew Tenhundfeld

### Board of Governors

Billy Kodosky  
Shawn Beres  
Ken Borah

### Committees and Chairs

**Chapter Technical  
Transfer Committee** Robert Laneve

**Programs  
(CTTC)** Robert Laneve

### **Refrigeration (CTTC)**

Richard B. Long

### **Gov't Activities (CTTC)**

Matt Nelson

### **Membership & Roster**

Billy Kodosky

### **Product Directory**

Daniel J. Bacik

### **Research Promotion**

Dominic Cacolici

### **Newsletter**

Matt Morgan

### **Student Activities**

Scott K. Jordan

### **Honors & Awards**

Fred H. Hollman

### **Historian**

Dave Deschler

### **Science Fair**

Steven R. Armstrong

### **Meeting Host**

Shawn Beres  
Joe Deucher

### **Scholarship Fund (Sal Triana & Gardiner)**

Scott K. Jordan  
Richard B. Long  
Jerald K. Cohen  
Gary Gardiner

### **Golf Outing**

Louis A. Bentzen  
Ken Borah

### **Engineer's Week** James G. MacMillan

### **Special Events (December Social)**

Mike Denk

### **Budget & IRS Compliance**

Fred H. Hollman

### **Sunshine Fund**

James W. Wickert



## SPEAKER BIO

Mr. James G. MacMillan, PE is currently a Vice President at Karpinski Engineering. Jim has devoted over 25 years to the HVAC Industry, with 19 of those years being spent at Karpinski Engineering. Jim has been involved with the industry and ASHRAE through numerous presentations, articles and assistance with committees. Jim also holds the honor of being the first LEED accredited Professional Engineer in the State of Ohio. We look forward to Jim sharing his LEED knowledge with our chapter at the January meeting.



## NOVEMBER MEETING RECAP

Our November 19, 2007 meeting was well attended with 50 visitors to hear Mr. Roger Schmidt, Marketing Manager for Nomaco K Flex, present "Insulating in Below Ambient Conditions." Using his 25 years of experience Roger enlightened the crowd with current associations, parameters of insulation selection, proper specifications, pros and cons of insulation types and he even brought product samples!

Insulation is often considered the "lost technology" because it is overlooked and undervalued by many. Insulating systems must be engineered and not just applied. They may be required to prevent condensation and freezing, reduce energy loss, reduce noise or provide protection to personnel. Proper coverage of elbows, equipment connections and other fittings must be reviewed and correctly specified. Correct application to all components is necessary to provide a continual return on investment for the Owner.

When choosing insulating systems, the designer must consider the parameters of the application such as fluid temperature, ambient temperature, relative humidity, the type of finished appearance, the insulation thickness and the joint sealing requirements. Products can be supplied as pre-slit, pre-glued, in sheets, in rolls, as fiberglass, as closed cell foam or many other variations, depending on the application.

Our Cleveland Chapter thanks Mr. Schmidt for sharing his knowledge and expertise with our chapter. Roger also provided an electronic copy of his presentation. If anyone would like a copy, please contact Rob Laneve at 440-526-3020. Additional insulating data can also be obtained from the National Insulation Association and the National Institute of Building Sciences.







## IN THE NEWS...



### Cleveland ASHRAE Obituaries

We mourn the recent loss of two from our industry, one an ASHRAE member:

Kenneth Pasko died Saturday, December 22, 2007 in Flower Hospital in Sylvania, Ohio, following a six year struggle with cancer and its treatment complications. Ken was 45, and had been a member of Cleveland ASHRAE for several years. He was most recently a sales engineer with the York division of Johnson Controls, and previously was in direct sales with Carrier. He was born in Toledo, Ohio; graduated from Michigan State University; and was buried at Our Lady of Mt. Carmel in Temperance, Michigan. He is survived by his parents and two sisters. His enthusiasm was memorable and contagious; words from memorial services in England in WW II, when airmen were lost by the 8th Air Force, seem appropriate:

*"They shall not grow old as we who are left grow old  
Age shall not wither them, or the years decay  
And at the going down of the sun, and in the morning,  
We shall remember them."*

Vincent S. Fredrick died suddenly November 30, 2007 of an aneurism at age 82.

Vince was an Electrical Engineer who worked with many of our members over his long career. He led the transformation of the firm of Mehnert and Fredrick, electrical engineers, to become Fredrick, Fredrick & Heller, mechanical and electrical engineers. Born and raised in the Tremont area of Cleveland, Vince, became a tail gunner, bombardier and navigator in WWII, flying 35 missions in B-17 bombers in the 8th Air Force, surviving two crash landings behind enemy lines. He returned to graduate from Fenn College (now CSU). His funeral was December 4, at St. Joseph Byzantine Catholic Church in Brecksville.



***Reserve the Date!***  
**Saturday, February 9, 2008!**



ASHRAE Cleveland Chapter Members are reminded that Saturday, February 9th will be the 2007-08 ASHRAE Social! Tickets have been purchased for the "We Gotta Bingo" show at the 14th Street Theater at Playhouse Square. More details to follow!

We Gotta Bingo is the hilarious new interactive hit comedy – where the audience gets in on ALL the fun. Spend a crazy night at a church Bingo supper being held in a German beer hall. Become polka dancing, bingo playing parishioners at this wild, interactive hit! There's a delicious dinner, full bar, crazy Bingo prizes and live music.



# CHAPTER CALENDAR



September 17, 2007

OSFC Update

Location: [Harry's Steakhouse](#)

October 15, 2007

ASHRAE Handbook Chapter: Psychrometrics

Location: [Harry's Steakhouse](#)

November 19, 2007

Insulating in Below Ambient Conditions

Location: [Harry's Steakhouse](#)

December 2007

NO MEETING

January 17, 2008 (Lunch Meeting) 12:00PM

LEED Insights and Information  
for Every ASHRAE Engineer

Location: [Sheraton Hotel](#)

February 18, 2008

Cooling Tower and Sustainability Integration

Location: [Harry's Steakhouse](#)

March 17, 2008

Ice Storage

Location: [Harry's Steakhouse](#)

April 21, 2008

Dehumidification In Commercial Buildings

Location: [Harry's Steakhouse](#)

May 19, 2008

Fan Technology & Operation Schemes

Location: [Harry's Steakhouse](#)

June 2008

Membership Promotion Golf Outing

August 2008

Research Promotion Golf Outing

