



CLEVELAND *ASHRAE Newsletter*

March , 2005

MARCH MEETING

2nd Annual Breakfast Meeting

March 23, 2005



7:00-7:45 AM

Sign In & Breakfast

7:45-8:45 AM

Presentation

Topic:

Acoustics – Noise Control Myths & Reality

Presenter:

Arthur D. Hallstrom, P.E.,
ASHRAE Fellow, Technical committee
Chairman, Incoming ASHRAE DRC
(Director of Regional Chair – Region 7)

Location:

Holiday Inn, Rockside in Independence

R.S.V.P. at (216)-373-0315 by 12:00 Noon on Friday, March 18th for Reservations

Dress Attire is NOW Business Casual

Dear ASRHAE Members:

In reviewing my Resource Promotion reports, I noticed that all parties that donated \$80.00 in the August golf outing, could be recognized in the Annual Donor Honor Roll published in the October issue of ASHRAE Insights, if they donate another \$70.00. This would bring them up to the minimum amount to be recognized. Each company would also be recognized in a presentation at a Cleveland ASHRAE meeting that honors the donors with an ASHRAE Coin.

The levels of contributions that are recognized are as follows:

\$150 - 249	Antique Brass Coin
\$250 - 499	Antique Brass Coin plus plaque for the first coin
\$500 - 999	Polished Brass Coin
\$1,000 - 2,499	Silver Coin

Thanks to all who donate!

Sincerely,
Rick Zbin

**This Month's
Sponsor:**

*If you are interested in sponsoring the news letter,
please contact Matt Nelson at 440-243-3535.*



Officers and Committee Chairmen

2004-2005

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President	Richard B. Long
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Chapter Technical Transfer Committee	Chuck Nachman
Programs (CTIC)	Chuck Nachman Robert J. Laneve
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Membership & Roster	Frank Eisenhower Billy Kobosky
Product Directory	Daniel J. Back
Resource Promotion (Research)	Mike Mats Terry Ketch Dominic Gaudici
Newsletter	Andrew Terhundfeld
Student Activities	Scott K. Jordan Richard B. Long
Honors & Awards	Fred H. Holman
Historian	Dave Deschler
Science Fair	Steven R. Armstrong
Meeting Host	Kevin Kindborn
Scholarship Fund (Sal Trains & Gardiner)	Scott K. Jordan Richard B. Long Jerald K. Cohen Gary Gardiner
Golf Outing	Ken Borah Louis A. Barten
Engineer's Week	James G. McMillan
Special Events (December Social)	Mike Dark
Budget & IRS Compliance	Fred H. Holman
Sunshine Fund	James W. Wickert

The President's Corner by Richard Long

As they say, spring is in the air. This is the time of year that we as Clevelanders see the light at the end of the snow tunnel. The winter ASHRAE meetings last month took some of us out of the cold and snow and into the warmth of Orlando, Florida. It was nice to see some friendly faces down south at this year's ASHRAE meetings. I have always gotten a tremendous amount of knowledge and enjoyment out of participating in the committee meetings and from the educational technical content of these meetings. I spent several days attending different training sessions from the ASHRAE Learning Institute. The first course I attended from the Professional Development Seminars called "Designing HVAC Systems to Control Noise and Vibration" was taught by Mark Schaffer who has an excellent ASHRAE published book called "A Practical Guide to Noise and Vibration Control". I would recommend this book to anyone who has an interest in acoustics. We all will be getting a taste of "Acoustics" at this month's meeting.

The Products exhibited at "The Show" in Orlando were overwhelming to say the least. It's always interesting to see what new products are now available and which international competitors are attending these ASHRAE exhibits.

Last month's local ASHRAE meeting at the Holiday Inn was a real success. I would like to thank all of the local members who attended and participated in the Q & A session. The discussion appeared to provoke sincere dialogue regarding green buildings, LEED (Leadership in Energy and Environmental Design) rated buildings and how we might energize Cleveland to summon more interest in this area. I received superb feedback from a number of members from this joint meeting. Having several associations attend, such as the Akron AIA and the Akron-Canton Ashrae provided an outstanding audience to help generate participation between the panel and audience. Joint meetings with different associations are indeed much more difficult to arrange and the programs committee (Chuck Nachman and Rob Laneve) should be commended for their effort to date. I know they are working hard for next month's April "HVAC Jeopardy game" that I hope many of you can attend. One of my themes at the beginning of the year was to have some "FUN" along with some laughs and I'm sure April's meeting will not disappoint anyone.

I look forward to seeing many of you at this month's March 23, breakfast seminar at the Holiday Inn, where we have the honor of having Mr. Art Hallstrom present his seminar on acoustics. Art is a renowned acoustician and will be presenting one of the most informative technical presentations on acoustics and applications for controlling noise and vibration. Mark your calendars and I look forward to seeing many of you there!

Until next month,

Your El Presidenta,

Richard Long

Technical Topic

Our industry and much of our world has been involved in something mechanical for centuries. It has and will continue for many years whether its engines (automobile or jet), pumps, compressors, fans, etc. As I sit around and talk with people in our industry, the conversation rarely seems to involve something mechanical nowadays but very often involves something in the IT world we now live in. How much time do we spend on our computers each day? For many of us, e-mail seems to have replaced (or almost) the way we communicate. Of course there's always the cell phone on our belts.... and the fax machine is still around at least for the near future. How many web sites do we look at per day? How many of us now do some banking on the Internet? How many of us use Google and get what were looking for instantly – sometimes!

Graphics or photos, sleuthing, manufacturers data, even dating and the list goes on of things we can now do on the Internet. So, rather than talk mechanical shop-talk – let me share a little IT information of some FREE programs available today from the Internet.

For your photos and any graphics within your computer there is this cool program called Picasa. The program Picasa is available from Google. Being Google, it's FREE!! It will organize every graphical picture and movie on your computer. Download from www.picasa.com to use this really powerful program. You WILL be impressed!

Another truly amazing Google program was rolled out a few months ago called “Google Desktop Search”. It will increase the value and productivity of everything you do on a computer. Where Google helps you find things on the Internet, “Desktop” helps you find things imbedded in your computer and organizes it. And best of all, it's FREE. Download it at www.desktop.google.com.

Sleuthing is another technical topic that can really be useful. Sleuthing is finding out information about different things; such as information on people, businesses, civil or criminal cases etc. Of course there are companies that charge a fee for more detailed information but I thought I would share a few of the valuable FREE Internet sites. For gathering information about people try – www.smartpages.com. It's the electronic version of the yellow pages and more. For businesses www.search.bbb.org/search.html -this site has a tremendous amount of information. For mortgages or deeds in Cuyahoga county try – www.recorder.cuyahoga.oh.us. Anyone have an interest in someone with a criminal case in Cuyahoga County, try - www.cpdock.cuyahoga.oh.us/cpdock/.

This list goes on and on and so can the time spent on the Internet. I am certain that many of you are using manufacturers web sites to find information that years back was a go to the book process. It is apparent to me, that while there are many timesaving Internet sites to help your daily productivity, the Internet has changed the way many of us use our time – day after day, month after month.....

What ever happened to the good old days when we would talk mechanical and not have our eyes on a monitor all day and our hand on a mouse.....?

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Update on Predictive Acoustics

The March ASHRAE Meeting Speaker will address a group of topics of great interest. Predictive Acoustics and Noise Control Standards Update.

One of industries leading experts on the subject, Arthur D. Hallstrom, PE, ASHRAE Fellow, will discuss:

- The ARI 260 air handler sound test standard
- Manufacturers methods for testing air handler sound
- Accuracy of those various methods
- New low cost tools you can use to make your own noise measurements

Speaker: Arthur D. Hallstrom, P.E., ASHRAE Fellow
Airside Applications Engineering Manager, Trane Company,
Lexington, Ky.

Mr. Hallstrom's career focuses primarily on airside system design and new innovative solutions. He is the author of over 15 Trane Applications Manuals including IAQ Ready Air Handlers, HVAC Acoustics, Trane Fan Seminar, and Building Pressurization Control. He is currently on the ASHRAE Technology Council, ASHRAE Electronic Communications Committee, Treasurer of the ASHRAE College of Fellows and Region VII ARC. He has been nominated to be the next Region VII Director and Regional Chair.

Last call for 2005 TEGA projects.

Forms and instructions are available from:

Bruce Tomcik

Alpha Engineering

Tel 440-666-1249.

Please submit by March 31, 2005.

Thank you. !

It's Alive! It's Alive!

With much less drama than a Hollywood horror movie, it's time once again for this year's ASHRAE Satellite Broadcast. This year's topic is on mold in our building environment. This has been a great way for our chapter and society as a whole to communicate with our community in the past and should continue to be, in our future. Space limitations are the same as last year so get your reservation in fast! Hold on! Why come alone?! If there is an architect or someone else you would like to invite just call in for yourself and I will be happy to temporarily reserve a spot for an additional person so that you can ask. If your invitee needs more information, just call and I will e-mail it out for you. Similar to last year, food and beverages will be provided for those in attendance.

Remember to plan ahead; you will need to make a reservation for the event, as there will be a guest list at the reception desk. Having said that, here are the details of the day:

When: Wednesday April 13th

Sign-In: 12:30 PM

Broadcast: 1:00-4:00 PM

Location: WKYC-TV 3
1333 Lakeside Ave.
Cleveland, OH 44114

Where to Park: Across the street in a pay to park surface lot.

For Reservations Call Matt Nelson at 440-243-3535.

Here's what to expect from the broadcast:

Concerns about mold in the building environment are no longer limited to just humid environments or North America.

Mold is now a global concern for designers, contractors, building owners/operators and building occupants.

Information on how to properly control moisture and humidity conditions in order to minimize mold will be presented in an April 13, 2005, satellite broadcast and Webcast, Mold in Our Building Environment, offered by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). The program is sponsored by ASHRAE's Chapter Technology Transfer Committee (CTTC).

"Moisture management and humidity control require a team effort during the design, construction, start-up and operation phases of a facility," Wilfred Laman, chair of CTTC, P.Eng. said. "If any part of the team fails to perform their tasks in proven and prescribed methods, the facility may promote mold formation and growth. This broadcast will be beneficial to all team members by describing how each should perform their tasks properly."

The level of interest in mold has also expanded to the legal profession due to the claim that "mold is gold" based upon recent jury awards in mold-related cases, according to Laman.

For situations where mold is present, various proven assessment and remediation processes will be addressed for different types of facilities.

Speakers will include biological, chemical, investigative and health experts, design architects, engineers and contractors who specialize in mitigation.



Coming Soon:
To a City near You!

Chapter Calendar:

April 18, 2005

Location:

HVAC Jeopardy

Holiday Inn – 77 and Rockside

May 16, 2005

Location:

Contractor's Expectations

Harry's Steakhouse

June 15, 2005

Location:

June Golf Outing

Tanglewood Country Club



***CLEVELAND
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ASHRAE Cleveland Chapter

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