

Lehigh Valley Insights

JOURNAL OF THE LEHIGH VALLEY CHAPTER OF THE ASHRAE, INC.

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October 2010

2010-2011 LEADERS

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MEETING NOTICE

WWW.LVASHRAE.ORG

Wednesday, October 27, 2010

Cost Effective IAQ through Air Monitoring

at

Mango's Coastal Cuisine
3750 Hamilton Blvd., Allentown, PA 18103
(Route 222 North)

4:30 – 5:30 p.m. **Board of Governors Meeting**
(Chapter Member are welcome to attend)

5:30 – 6:15 p.m. **Pre-Dinner Tech Session**
Topic: IAQ Monitoring, Part I
Speaker: Morris McCain

6:15 – 6:45 p.m. **Social ½ Hour (Cash Bar)**

6:45 – 7:30 p.m. **Dinner**

7:30 – 8:30 p.m. **Dinner Program**
Topic: IAQ Monitoring, Part II
Speaker: Morris McCain

Reservations: Frank Paretti
Email: fparetti@hof-eng.com
Students \$15.00
Members & Guests \$30.00

Please make your reservations by Noon on Monday, October 25th, 2010.

Members can utilize Pay Pal online payment option on our website
(www.LVASHRAE.com) for your RSVP.

President's Message

Ladies and Gentlemen:

Hope you have been able to enjoy the Fall so far! As things are continually changing, our chapter is working to keep you up to date on the latest topics and issues. For those iPhone or iPad users, ASHRAE has recently released an easy to use app for 62.1. This can be purchased through the iPhone app store.

Thank you to David Quirk, P.E. for presenting at our September monthly meeting and providing insight into data center applications and practical advice from his experience. Thank you also to Thomas Serwatka, Jr., who has served our local chapter for the past few years as the chapter technology transfer chair. Best of luck to you in your new position.

I hope you will join us at our upcoming October meeting, where Morris McCain, EBTRON, Inc will present. I look forward to Morris updating our chapter on the latest trends for cost effective IAQ through Air Monitoring. Our chapter will provide those who attend a certificate to document the 2 pdh hours. See you there!

ASHRAE winter conference is being held in Las Vegas, NV from January 29 thru February 2 at the Las Vegas Hilton Hotel. The theme is Zero Energy Design: A Safe Bet. For more information and to register online go to www.ashrae.org/lasvegas

Thanks!

Donovan Denlinger
President
Lehigh Valley Chapter – ASHRAE

October 27th Meeting

Pre-Dinner Tech Session: Cost Effective IAQ through Air Monitoring, Part I

After Dinner Session: Cost Effective IAQ through Air Monitoring, Part II

1. Review and updates on Standard 62.1 and IMC 2007
2. Application Engineering and strategies to reduce contaminants, minimize moisture, reduce energy costs and comply with codes through accurate airflow measurement and control.
3. Reducing Balancing and Commissioning. Re-Commissioning time and expense.
4. Verification of ventilation rates for code and standard compliance.
5. CO2 Monitoring vs. People Counting
6. Opportunities for LEED Certification points.
7. Overview of AFM devices currently in the marketplace.

Note: Eligible for 2 PD Hours issued evening of the session (see attached ASHRAE Sample Certificate)

About the Speaker:

Morris McCain, EBTRON Sales Manager

Morris McCain spent his entire HVAC career at EBTRON.

He has previously presented at numerous ASHRAE meetings around the country and several regional NEBB meetings and has given over 2000 presentations on Indoor Air Quality.

In 1993 Morris graduated Summa Cum Laude at High Point University with a double major in Business Administration and Computer Information Systems and has been the Sales Manager at EBTRON for the past 10 years.

EBTRON has been a leader in air flow measurement for more than 27 years. The company started in Peapack, NJ in 1983 and started producing its analog TAMS (Thermistor Air Measuring System) at that time. EBTRON introduced the first microprocessor-based thermal dispersion airflow measurement device in 1986. The new "Digital EBTRON revolutionized thermal dispersion technology by overcoming the non-linearity and temperature compensation shortcomings associated with other thermal flow meters.

Board of Governors Meeting September 29, 2010

Officers Present:

Donovan Denlinger - President
Ahmad Mahmud - Vice President
Gabe Badesso - Treasurer
Nick Kaintz - Secretary

Board of Governors Present:

Ethan Fick

Committee Chairs Present:

Tom Serwatka, Jr. - CTTC
Matt Matsinko - Membership Promotion
William Trach - Historian
Paul Kuhn - Student Activities
Frank Paretto - RP

Old Business:

No previous 2009-10 B.O.G. Meeting Minutes

Officer/Chair Reports:

Membership Promotion:

Membership Promotion Nights
Membership Retention Campaign
Matt Matsinko distributed chapter cancellation report, chapter delinquency report, chapter change report and new members report.

Research Promotion:

Lehigh Valley Chapter exceeded fund raising goal. \$5,560 raised goal \$4,500. Next years goal \$5,500.

Student Activities:

Scholarship

Special Committee Report:

None at this time

New Business:

1. 2009-10 Research Promotion Goals
Lehigh Valley Chapter raised \$5,560 exceeded \$4,500 goal.
2. Lehigh Valley Chapter Website
 - a) Frank Paretto nominated to webmaster
 - b) Frank requested contact information from Ahmad Mahmud and Nick Kaintz
 - c) Online payment through Paypal will be incorporated for next months meeting.
3. 2010-2011 Chapter Meetings
 - a) Nov. 17th Meeting – Paul Kuhn proposed joint meeting with IFMA at Dun & Bradstreet or Olympus. IFMA to provide the speaker.

b) Feb 23rd Meeting – Gabe Badesso to Chair. Meeting may be switched with Jan. 19th meeting.

c) March 30 Meeting – Ethan Fick has confirmed William Bahnfleth is available to speak at the March meeting. He is not available for an earlier meeting due to scheduling conflicts. Ethan will send a list of discussion topics for the meeting.

d) April 21st Meeting – Geothermal Heat Pump Webcast at Copperhead Grille

4. Suggested Topics for Open Chapter Meetings

- a) Donovan Denlinger suggested topics that Compliment Lynne Bellenger's Presidential Theme of "Modeling a Sustainable World". Donovan distributed a list of four potential speakers who present Building Energy labeling for review.

A discussion took place as to which options were available to attain speakers. Speakers are available from Region III at no cost to the chapter. Speakers are also available from PSU provided they are under contract. Carriers HAP group may also be able to provide a speaker.

- b) Donovan Denlinger asked for further ideas for Speakers and tours.

Frank Paretto mentioned Lutron as a possible back-up. However the tour would be lighting intensive due to the nature of their products.

Paul Kuhn may be able to secure an airflow monitoring engineer to speak about Standard 62. Paul will research possible dates.

5. ASHRAE Scholarship Program:

Steve Jaris contacted Paul Kuhn about ASHRAE Sponsored scholarships. Paul invited Steve to This month's meeting but he did not attend. Paul To ask Steve to attend next month's meeting.

6. ASHRAE Brochures:

Frank Paretto asked if he could distribute a Brochure illustrating what the Fundamentals Handbook would look like without funding.

Membership Promotion

October 12, 2010 is our first Membership Promotion Night of the 2010-2011 year. As always, any guest who comes to the meeting their dinner will be paid for by the Lehigh Valley Chapter. So please try to attend the meeting and try to bring a guest. We need new members to keep our local chapter going, so please try to help out by bringing a co-worker.

Also, you now only have a 6 month grace period to pay your dues before ASHRAE drops you. So when you get your notice that your dues need to be paid please do not ignore it.

Another important item for all of our licensed engineers, you now can get PDH's by attending our local ASHRAE meetings!

I hope to see you all at October's meeting.

Matt Matsinko, P.E.
Membership Promotion Chairman



AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR-CONDITIONING
ENGINEERS, INC.

CERTIFICATE OF ATTENDANCE

SAMPLE

Continuing Education Course
Sponsored by Lehigh Valley Chapter of ASHRAE

Morris McCain, Ebtron, Inc :

Sponsored by Lehigh Valley Chapter of ASHRAE

Signature of Participant

____ 2 ____ Professional Development Hours Awarded

Signature of Chapter Officer

**LEHIGH VALLEY CHAPTER OF ASHRAE
2010-2011 MEETING SCHEDULE**

MONTH	TECHNICAL/DINNER PROGRAM	EVENT	PROGRAM CHAIR
Sept 29 th	Convergence of Telecommunications and Data Centers		Donovan Denlinger
Oct. 27 th	Cost Effective IAQ through Air Monitoring	Membership Promotion #1	Paul Kuhn
Nov. 17 th	Energy – Daylight Harvesting, Solar	Joint IFMA Meeting (AM Mtg)	Paul Kuhn
Dec.	No Meeting		
Jan 19 th	Engineering Modeling for LEED EAC #1		Ethan Fick
Feb. 23 rd	ASHRAE Std.	Student Activity #1	
Mar. 30 th	Advanced Design Guides	Membership Promotion #2	Tom Serwatka, Jr.
Apr. 27 th	Modeling a Sustainable World	Research Promotion #1	
May 25 th	Tour -		
June 3 rd	Annual Golf Outing		