

Lehigh Valley Insights

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

VOLUME 45 ISSUE 4

January 2010

2009-2010 LEADERS

OFFICERS

President: Stuart Heisey
(610) 336-0432

Vice-President Elect: Donovan
Denlinger (610) 567-5042

Vice-President (Golf Outing)
Mike Schultz (484) 223-1730

Secretary: Stephen Phillips
(610) 641-0096

Treasurer: Gabe Badesso
(484) 223-1730

BOARD OF GOVERNORS

Don Chase (215) 491-1700
Ray Forsthoefel (484) 223-1730
Bryan Sandt (610) 253-9677
Ethan Fick (610) 694-8020

COMMITTEE CHAIRPEOPLE

Membership Promotion: Matt
Matsinko (610) 530-2600 ext. 126

Student Activities: Paul Kuhn
(610) 715-5364

CTTC: Tom Serwatka
(215) 654-8040

Research Promotion:

Frank Paretti, Jr. (610)-421-8512

Historian:

William Trach (610) 395-3617

Newsletter Editor: Ray Forsthoefel
(484) 223-1730

c/o Trane of Northeastern PA
5925 Tilghman St. Suite 70
Allentown, PA 18104
E-mail : rjforsthoefel@trane.com

Webmaster: Stuart Heisey

Homepage Editor: Frank Paretti, Jr.

MEETING NOTICE

WWW.LVASHRAE.ORG

Wednesday, January 20, 2010

ASHRAE 90.1 - 2010

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 members are welcome to attend)
- 5:30 – 6:15 p.m. **Pre-Dinner Talk**
Topic: ASHRAE Buildings STD. 189.1
Speaker: Richard Lord
Program Chair: Donovan Denlinger
- 6:15 – 6:45 p.m. **Social Half Hour** (Cash Bar)
- 6:45 – 7:45 p.m. **Dinner**
- 7:45 – 8:45 p.m. **Dinner Program**
Topic: ASHRAE 90.1 Changes
Speaker: Richard Lord
Program Chair: Donovan Denlinger

Reservations: Call Tom Serwatka, Jr. at 215-654-8040 or
Email: thomas.serwatka@siemens.com
Students \$15.00
Members & Guests \$30.00

Please make your reservations by Noon on Monday, January 18th with our choices of beef, fish or chicken.

President's Message

Ladies and Gentlemen:

A new year is suddenly upon us. I trust your Yuletide was merry and hope your new year will be prosperous. Of course, I am sure you all made a new year's resolution to be more involved in the HVAC industry's leading professional organization. And this month, Lehigh Valley ASHRAE has just the thing to help you fulfill your resolution to be more involved in ASHRAE !!!

This month's meeting topic is sure to be valuable to you, whether you are an Engineer, Architect, Contractor, Construction Manager, or Facility Owner. Energy codes and standards for building construction and operation are changing more rapidly now than at any other time in history. ASHRAE has a new standard: **ANSI/ASHRAE/USGBC/IES Standard 189.1, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings**. This standard is intended to provide code language for designing high performing buildings. Our presenter, Richard Lord, ASHRAE Fellow, will use the tech session to review Standard 189.1 and will answer questions regarding its intended implementation. Following the meal, Richard will present information on the 2010 edition of ASHRAE Standard 90.1. Please see the write-up later in the newsletter for a summary of the changes and impacts of the 2010 edition.

We look forward to seeing many of you at the meeting on January 20th. Stay warm and get involved!!!

Stuart J. Heisey, PE
President
Lehigh Valley Chapter – ASHRAE

January 20th Meeting

January Program

- 1) Technical Session: Introduction to ASHRAE High Performance Building Std. 189.1
- 2) After Dinner: ASHRAE 90.1 – 2010 is targeted to improve the baseline energy performance of commercial buildings by 30% from 90.1-2007. What changes are coming?

About the Speaker: Richard Lord has worked for the Carrier Corporation, a division of United Technologies for the past 37 years. He is currently an Engineering Fellow with an expertise in systems and heat transfer. He has 26 patents and has received several Carrier and Industry awards in the field of Heating, Ventilating and Air Conditioning (HVAC) including the Dr. Willis H. Carrier Award for Engineering Excellence and the ARI Richard C. Schulze Distinguished Service Award.

In his current role he is a member of Carriers advanced system group but also is responsible for monitoring and participating in many new code developments, as well as support in the long range technical planning for Carrier's commercial products and systems for both the US and international markets.

He has been involved with code developments for most of his career. This work has involved the following activities:

- Member of the AHRI Liquid Chiller Engineering Committee from 1978 to present and served as the Chair from 1985-1987 and again in 2002-2004
- Member of the AHRI Liquid Chiller Section from 1995-Present and served as chair from 2002-2004
- Current member of the Unitary large Equipment Section since 1988 and served as chair from 2001-2003
- Current member of the Unitary Large Equipment Engineering Committee since 1985
- Member of the Industrial Refrigeration & Heat Transfer Engineering Committee from 1985 until 2001
- Member of the air to air energy recovery section since 2004
- Current Member of ACCA/ARI joints futures committee since 2003
- Current member and Chair of the ISO/ARI TC 86.SCG/WG9 developing and international standard for liquid chillers

He also has been involved in several other HVAC related industry organizations including the following:

- Current member of ASHRAE 90.1 Committee since 2002
- Current member of the ASHRAE 189.1 Standard development
- Member of LEED USGBC Tag for Energy and Atmosphere
- Current member of the CSA ISO/TC 86/SC6 committee for Factory-Made-Air-Conditioning and Heat Pump Units
- Member of the development committee for the ICC IGCC (International Green Conservation Code)

- Current Member of the CSA C746 – Performance of Large A/C's and H/P's committee
- Current Member of the CSA C743 Liquid Chiller committee
- Member of 3 California Energy Commission Pier programs involved in school HVAC, diagnostics and Hot dry air conditioners
- Member of the Western Cooling Center Alliance
- Active participant in CEE guideline development.

Board of Governors Meeting

There will be a BOG meeting at 4:30 p.m. on the 20th so all Board members, please attend. All other Chapter Members are welcome.

Region III Winter Meeting Dinner

Please see attached invite from Gary C. Debes for any Chapter Members planning on being at the ASHRAE Annual Meeting in Orlando. (1/25/10)

**LEHIGH VALLEY CHAPTER OF ASHRAE
2009-2010 MEETING SCHEDULE**

MONTH	TECHNICAL/DINNER PROGRAM	Event	PROGRAM CHAIR
Sept 23 rd	Noise & Vibration Control – Kris Kollevoll		Ray Forsthoefel
Oct. 21 st	Electrical Deregulation	Membership Promotion #1	Paul Kuhn
Nov. 18 th	Future Cities	Student Activity #1 (Future Cities)	Tracy Hansen & Paul Kuhn Stuart Heisey
Dec.	No Meeting		
Jan. 20 th	ASHRAE 90.1 – 2010 - Richard Lord		Donovan Denlinger
Feb 24 th	Global Warming / Refrigerants / Ozone – Tom Werkema	Student Activity #2	Gabe Badesso
Mar 24 th	Interoperability of ATC protocols	Membership Promotion #2	Tom Serwatka, Jr.
Apr. 28 th	Sands Casino Project Team Roundtable Discussion	Research Promotion #2	TBA
May 26 th	Tour – Sands Casino		Stephen Phillips
June 4 th	Golf Outing / Green Pond		Michael Schultz