

Lehigh Valley Insights

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

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2011-2012 LEADERS

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MEETING NOTICE

WWW.LVASHRAE.ORG

Wednesday, January 18, 2012

TC 9.9 Data Center Efficiency

Presenter: Justin Mazur

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

Attendees will receive a certificate for 2 PDH.

4:30 – 5:30 p.m.	Board of Governors Meeting (Chapter members are welcome to attend)
5:30 – 6:00 p.m.	Social ½ Hour
6:00 – 7:00 p.m.	Dinner
7:00 – 8:00 p.m.	Dinner Program: Data Center Efficiency

Reservations: Frank Paretti
Email: paretti.frank@gmail.com

Members & Guests \$30.00 for Buffet

Please make your reservations by Noon on Monday, January 16, 2012.

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

President's Message

Ladies and Gentlemen,

Hope you and your family have a great and prosperous 2012! LV ASHRAE chapter is planning some great programs for 2012. January 18th at Mango's we will start the year discussing data center efficiency. With today's electronics, this topic continues to increase in importance. Continuing education certificates will be provided after the meeting.

AHR (ASHRAE) expo in Chicago is January 23rd thru 25th. Additional information for seminars or the trade show are available at www.ahrexpo.com. Also consider the ASHRAE cold climate conference, November 12-14 2012 in Calgary, Alberta Canada. See attached brochure.

Thanks!

Donovan Denlinger
President
Lehigh Valley Chapter - ASHRAE

TC 9.9 Data Center Efficiency January 18, 2012 Meeting

TC 9.9 – Data Center Efficiency
Presented by: Justin Mazur

Justin Mazur, PE is the Consulting Engineer Specialist for APC by Schneider Electric's Critical Power and Cooling Business. He has over 18 years of Mission Critical Experience and 6 years with APC. Justin started his career in building management system design. He designed control systems and programming for complex central plant and large air handling unit applications. In 2006 he came to APC by Schneider Electric and is responsible for the Power and Cooling support to the Consulting Engineer community in the Eastern Pennsylvania, New Jersey and Delaware Area. He has a BS degree in Mechanical Engineering from Villanova University and is a licensed professional engineer in his home state of Pennsylvania. Justin spends his free time leading his boys' Cub Scout pack, hiking, camping and attending local sporting events.

Justin's Presentation will cover concepts such as:

- Calculating Data Center Total Cooling Requirements
- Environmental Guidelines for Data Center Equipment Rooms
- Room, Row and Rack based Cooling Designs
- Air Containment Options
- Raised Floor and Close Coupled Cooling Technologies
- UPS Battery Ventilation Requirements
- Best Practices for Data Center Efficiency
- Estimated Payback Periods

Research Promotion

Good day to you all,

To start this year, I would like to thank all the LV ASHRAE members and all the non-members who have come out in support of the RP campaign. This campaign season, we have reached over 30% of our 2011-2012 goal of \$5,550. This is an achievement worth noting. I would like to especially thank our first Silver Level donor for the year in Donald Chase of Chase and Associates. Silver level contributions are between \$1,000-\$2,499.

Thank you to all from the Research Promotion Committee. I hope we can finish as strong this year as we have for the last several years.

Thank you.

Research Promotion Chair
Frank Paretti

Board of Governors Meeting Minutes October 26, 2011

Officers Present:

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

Board of Governors Present:

Bryan Sandt

Committee Chairs Present:

Matt Matsinko – Membership Promotion
William Trach – Historian
Frank Paretti – RP

Attendee:

Gary Debes – Region III RVC
Erony Whyte Martin

1. Call to Order:

Meeting called to order at 4:42 PM; Donovan Denlinger chaired the meeting.

2. Old Business:

Officer/Chair Reports:

1. Membership Promotion

- a. Matt Matsinko distributed lists of delinquent and canceled members and noted two new members. He stated that dues can be paid to Gabe Badesso or Ray Forsthoefel

New Business:

1. Donovan Denlinger noted that the 2013 CRC will be during Musikfest. He then opened up to a discussion on if the CRC should be during the event or not. Matt Matsinko made a motion to move the CRC from the second week in August to the third week. It was seconded by Bill Trach. Gary Debes noted that the Member Council must vote to approve the change. He will submit the necessary forms. Then a discussion ensued as to if the CRC should be held at the Hotel Bethlehem or the Sands Casino.
2. Chapter Meetings
 - a. Donovan Denlinger proposed a joint IFMA meeting on November 10th to tour Seeger Union at Muhlenberg College.
 - b. A joint meeting with AI A was proposed for January 18 on the topic of VRF presented by Tom Varga. A discussion ensued as to how to verify that the presentation was not manufacturer specific.
 - c. Gabe Badesso to confirm January for the Lehigh University STEPS tour.
 - d. Erony Whyte Martin suggested a meeting topic of filtration for healthcare.
3. Open Chapter Positions
 - a. Donovan Denlinger announced that the following positions are open President Elect, Webmaster, and CTTC Chair will be filled by Erony Whyte Martin.

**LEHIGH VALLEY CHAPTER OF ASHRAE
2011-2012 MEETING SCHEDULE**

MONTH	TECHNICAL/DINNER PROGRAM	EVENT	PROGRAM CHAIR
Oct. 26 th	DOE Energy Innovation HUB Dr James Freihaut, PSU	Membership Promotion	Bill Trach
Nov. 30 th		Joint IFMA Meeting (AM Mtg)	
Dec.	No Meeting		
Jan 18 th	TC 9.9 – Data Center Efficiency Justin Mazur		
Feb. 22 rd	Health Care Design	Membership Promotion	
Mar. 14 th	Natural Ventilation Systems ASHRAE DL – Dr. Kishor Khanhari	Research Promotion	Ahmad Mahmud
Apr. 19 th	ASHRAE - Dedicated Outdoor Air Webinar – 12:00 to 3:00 p.m. Copperhead Grille – Airport Rd.	A Path to Balanced Energy & IEQ	
Apr. 25 th	Intro to ASHRAE 188P – Prevention of Legionellosis	Joint LV IFMA Meeting	
May 23 rd	Tour - TBD		
June 1st	Annual Golf Outing	Support of Research Promotion	