

THE REGISTER

Focus on ASHRAE Technology & Membership Education



President's Message

Dear Nebraska ASHRAE Members:

It has been a beautiful fall and soon the holidays will be here! Hopefully everyone has been able to enjoy the nice weather. Thank you to everyone who participated in the Mini Golf Outing at Pacific Springs on October 11th to support ASHRAE students and research. Jake Kopocis has done a wonderful job of organizing these special events for our membership. Please bring any potential new members as a guest to any of our monthly meetings and encourage new members to become involved in our chapter committees and operations. We welcome any suggestions and ideas from our membership on ways we can improve our chapter so our members can get the most benefit out of their ASHRAE membership.

REGISTER TODAY for the 2013 ASHRAE Winter Conference and AHR Expo at the Sheraton in Dallas, Texas January 26-30, 2013 at www.ashrae.org/Dallas.

Reminder: ASHRAE Scholarship Applications must be submitted or postmarked on or before December 1, 2012 to receive consideration. Scholarship requirements and applications are available at www.ashrae.org/scholarships.

If any member has any questions, ideas, or would like to volunteer with any of our committees, feel free to contact me at rmeyersick@schemmer.com or contact any of our board members or committee chairs.

Thank you for supporting ASHRAE!

Renee Meyersick

Nebraska ASHRAE President 2012-2013
www.neashrae.org

November 2012
Volume 54, Issue 3

Chapter Officers:

President

Renee Meyersick

President Elect

Sarah Poursharafeddin

Secretary

Jeff Backemeyer

Treasurer

Tyler Glesne

1st Board Member

Jessica Errett

2nd Board Member

Tom Lewis

Board Ex-Officio

Kim Cowman

Next Month:

- Articles for next month are due by **Dec. 3, 2012**
- Please send to:
Nick Decker
LEO A DALY
nrdecker@leoadaly.com



American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

A N I N T E R N A T I O N A L O R G A N I Z A T I O N



**Chapter
Chairpersons:**

**Membership
Promotion**

Jake Kapocis
Chris Hawk

Research Promotion

Shaun Nienhueser
Matt Sargent

Student Activities

Scott Murray

**Chapter Technology
Transfer & Omaha
Programs**

Jake Schanzmeyer
Dustin Brand

Lincoln Programs

Mike Barry

E-Commerce

Eric Granzow

Historian

Jim Ellis

Reception

Nick Mandel

UNO Student Chapter

Lily Wang

**UNL Student Chapter
& Chapter Website**

Tim Wentz

Special Events

Rob Harper

Newsletter

Nick Decker
Ben Schmitt

Librarian

Bill Wieseler

Annual E-Week Banquet

SAVE THE DATE!

**ANNUAL E-WEEK BANQUET
THURSDAY, FEBRUARY 21, 2013**

Sponsored by the Engineer's Roundtable
0.1 Continuing Education Units (CEU) or
1.0 Professional Development Hours (PDH) available

Banquet Location:

**Strategic Air and Space Museum
28210 West Park Highway
Ashland, NE 68003**

6:00 PM – Social Hour (Cash Bar)

7:00 PM – Banquet & Speaker

**LOOK FOR THE SIGN-UP FLYER WITH
ADDITIONAL INFORMATION SOON!**

Engineers Roundtable website:

<http://engineerroundtable.org/>



American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.



ASHRAE Learning Institute Courses

ASHRAE Learning Institute

Seminars & Courses at ASHRAE's Winter Conference and AHR Expo in Dallas, TX

2 WAYS TO REGISTER

Internet: www.ashrae.org/dallascourses

Phone: Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Full Day Professional Development Seminar

\$485/\$395 ASHRAE Member -- Earn 6 PDH/6 CEU or 6 AIA LU credits

The Commissioning Process in New & Existing Buildings

Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

Complying with Standard 90.1-2010

Tuesday, Jan 29 – 9:00 a.m. to 4:00 p.m.

Data Center Energy Efficiency

Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

Energy Modeling Best Practices and Applications: HVAC/Thermal

Tuesday, Jan 29 – 9:00 a.m. to 4:00 p.m.

Healthcare Facilities: Best Practice Design & Applications

Saturday, Jan 26 – 8:00 a.m. to 3:00 p.m.

Half Day Short Courses

\$159/\$119 ASHRAE Member -- Earn 3 PDH/3 CEU or 3 AIA LU credits

Air-to-Air Energy Recovery Fundamentals

Sunday, Jan 27 – 2:00 p.m. to 5:00 p.m.

Commissioning Process & Guideline 0

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Humidity Control: Applications, Control Levels and Mold Avoidance

Sunday, Jan 27 – 2:00 p.m. to 5:00 p.m.

Evaluating the Performance of LEED®-Certified Buildings

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Air-to-Air Energy Recovery Applications: Best Practices - **NEW**

Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

Optimization of HVAC Systems & Components: Techniques & Real-World Examples - **NEW**

Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

Application of Standard 62.1-2010: Multiple Spaces Equations & Spreadsheet

Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

Energy Management in New and Existing Buildings

Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

Combined Heat & Power: Design through Operations - **NEW**

Monday, Jan 28 – 8:30 a.m. to 11:30 a.m.

Avoiding IAQ Problems

Tuesday, Jan 29 – 9:00 a.m. to 12:00 p.m.

Understanding Standard 189.1-2011 for High-Performance Green Buildings

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Designing Toward Net Zero Energy Commercial Buildings

Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.

Understanding & Designing Dedicated Outdoor Air Systems

Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.

Introduction to Ultraviolet Germicidal Irradiation (UVGI) Systems - **NEW**

Monday, Jan 28 – 2:45 p.m. to 5:45 p.m.

Laboratory Design: The Basics and Beyond - **NEW**

Tuesday, Jan 29 – 1:00 p.m. to 4:00 p.m.



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ASHRAE HVAC Design Training

HVAC Design Training

Jan 14-18, 2013 • Jan 30-Feb 1, 2013 (Level I only) • Mar 18-22, 2013 • Jun 3-7, 2013 • Aug 12-16, 2013

Early Bird Special, Register and Save \$50

HVAC Design: Level I - Essentials

Gain practical skills and knowledge in designing, installing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

Registration is \$1239, \$989 (ASHRAE Member)

Enroll 3 or more participants from the same company and save!

HVAC Design: Level II - Applications

Developed by industry-leading professionals, the workshop provides participants with advanced level information about designing, installing and maintaining HVAC systems that can be put to immediate use. Participants will gain an in-depth look into Standards 55, 62.1, 90.1, and 189.1 and the Advanced Energy Design Guides, as well as a range of other HVAC topics including: HVAC equipment and systems; energy modeling; designing mechanical spaces; designing a chiller plant; and BAS controls.

Registration is \$829, \$679 (ASHRAE Member)

Enroll 3 or more participants from the same company and save!

Visit www.ashrae.org/hvacdesign to register



American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.



Second Annual AEI/ASHRAE Conference



Second Annual AEI/ASHRAE Expo 2013-Omaha, NE
MARCH 6, 2013

Vendor registration is now open

The event is sponsored by the Nebraska Chapters of AEI and ASHRAE and will be held at Embassy Suites Omaha-La Vista Conference Center.

The **AEI/ASHRAE Expo** is a one day event. The event consists of a 20 technical sessions on different building systems, technologies and applications. In addition to the technical presentations throughout the day, there will be a large central exposition with product representatives and their products and services for a wide variety of building materials and technologies. Continuing education credits are available to session attendees.

2013 AEI/ASHRAE Expo is a local event with the goal to provide opportunity for building professionals to learn about new technologies, applications and methodologies used in design and construction and building operations. The new environment in the building industry is constantly pushing for greater energy efficiency, greener products and sustainable technologies. This has presented the opportunity to create an event that will bring all these closer to the professionals applying those technologies.

The **AEI/ASHRAE Expo** also provides the opportunity to Building owners and Building Managers, as final and long term users of the buildings and these technologies, to have the Expo as a source of information on building management and operations, development, building operating costs, energy consumption patterns, technological developments and other industry trends.

For more information you can visit the website at www.aei-ashraexpo.org or email us at info@aei-ashraexpo.org

Sincerely,

The AEI-ASHRAEXPO planning committee



American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.



Omaha Meeting – Tuesday, November 13, 2012

Location: Anthony's Steakhouse, 7220 F Street, Omaha, NE 68127
Check-in: 11:30 a.m. (Please arrive early to facilitate serving meals)
Lunch: To be served prior to 12:00 p.m.
Menu: Club Sirloin **\$21.00**
Chicken Cordon Bleu **\$16.00**
Grilled Salmon **\$16.00**
Topic: Measuring and Controlling HVAC Systems
Speaker: Len Damiano, Vice President – Marketing & International Sales at EBTRON Inc.

Pre-registration for this meeting would be GREATLY APPRECIATED!!!

Reservation required by Friday, November 9, 2012: Nick Mandel, Specialized Engineering
nmandel@specializedeng.com

Omaha and Lincoln's Featured November ASHRAE Speaker

Len Damiano is Vice President - Marketing & International Sales at EBTRON, Inc. where he has been employed for 18 years, of 30 total years in the HVAC industry. He received an M. B. A. in 1985 at Rockhurst University in Kansas City; and a B. A. from the University of Missouri.

He has been a Member of ASHRAE since 1990 beginning as an Associate Member in 1987. Len is currently a member of 8 Technical and Standards Committees, including Control Theory and Applications, Measurement and Instruments, Standard 62.1 on Ventilation for Acceptable IAQ, Standard 111 on Test and Balance and Standard 41.2 on Standard Methods of Air Velocity and Airflow Measurement. He has contributed to the Handbooks of both Fundamentals and Applications since 2005.

Len has authored or co-authored numerous technical articles for the *ASHRAE Journal*, *HPAC Engineering*, *TAB Journal* and *AutomatedBuildings.com*

Future Omaha Chapter Meetings

Dec. 11 th	Acoustics That Make the Grade	11:45 @ Anthony's
Jan. 8 th	ASHRAE Distinguished Lecturer – TBD	11:45 @ Anthony's
Feb. 12 th	UNMC Roundtable Discussion with Ken Hansen	11:45 @ Anthony's
Mar. 12 th	ASHRAE Distinguished Lecturer – TBD	11:45 @ Anthony's
Apr. 9 th	UNO Student Chapter Meeting	11:45 @ Anthony's
May 14 th	Facility Tour – TBD	TBD
June	ASHRAE Golf Outing	TBD



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Lincoln Meeting – Wednesday, November 14, 2012

Location: Valentino's, 35th & Holdrege, Lincoln
Check-in: Noon (Please arrive early to facilitate serving meals)
Lunch: To be served prior to 12:00 p.m.
Menu: Buffet **\$13.00**
Topic: Measuring and Controlling HVAC Systems
Speaker: Len Damiano, Vice President – Marketing & International Sales at EBTRON Inc.

Pre-registration for this meeting would be GREATLY APPRECIATED!!!

Reservation required by Monday, Nov. 12, 2012: Mike Barry, Black Hills Corp
mike.barry@blackhillscorp.com

Future Lincoln Chapter Meetings

Dec. 12 th	TBD	Noon @ Valentino's
Jan. 9 th	ASHRAE 90.1 2010 Update	Noon @ Valentino's
Feb. 13 th	TBD	Noon @ Valentino's
Mar. 13 th	ASHRAE Distinguished Lecturer	Noon @ Valentino's
Apr. 10 th	Acoustics That Make the Grade	Noon @ Valentino's
May 8 th	Energy Code	Noon @ Valentino's
June	ASHRAE Golf Outing	TBD

- Articles for next month are due by **Dec. 3, 2012**
 - Please send to:
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nrdecker@leoadaly.com
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ASHRAE, founded in 1894, is an international organization of 51,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.



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