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.


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
**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/
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](http://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.
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
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 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-ASHRAEEXPO planning committee
**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**

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<th>Event</th>
<th>Time</th>
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<td>Dec. 11th</td>
<td>Acoustics That Make the Grade</td>
<td>11:45 @ Anthony’s</td>
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<tr>
<td>Jan. 8th</td>
<td>ASHRAE Distinguished Lecturer – TBD</td>
<td>11:45 @ Anthony’s</td>
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<tr>
<td>Feb. 12th</td>
<td>UNMC Roundtable Discussion with Ken Hansen</td>
<td>11:45 @ Anthony’s</td>
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<tr>
<td>Mar. 12th</td>
<td>ASHRAE Distinguished Lecturer – TBD</td>
<td>11:45 @ Anthony’s</td>
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<td>Apr. 9th</td>
<td>UNO Student Chapter Meeting</td>
<td>11:45 @ Anthony’s</td>
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<td>May 14th</td>
<td>Facility Tour – TBD</td>
<td>TBD</td>
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<tr>
<td>June</td>
<td>ASHRAE Golf Outing</td>
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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  
[mailto:mike.barry@blackhills corp.com](mailto:mike.barry@blackhills corp.com)

**Future Lincoln Chapter Meetings**

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<tr>
<td>Dec. 12th</td>
<td>TBD</td>
<td>Noon @ Valentino’s</td>
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<td>Jan. 9th</td>
<td>ASHRAE 90.1 2010 Update</td>
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- Articles for next month are due by **Dec. 3, 2012**  
- Please send to: Nick Decker  
  LEO A DALY  
  [mailto:nrdecker@leodalry.com](mailto:nrdecker@leodalry.com)

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.