

La Crosse Area Chapter of
ASHRAE
c/o Rick Heiden
Trane
3600 Pammel Creek Road
La Crosse, WI 54601

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May 2009

Wednesday May 20th, 2009 Meeting and Program

Standard 180, A New Approach to HVAC System Maintenance by Bob Baker, OPMS, DS, ASHRAE Distinguished Lecturer

Following his instillation as the new ASHRAE President in June of 2008, Bill Harrison announced that the agenda of his term in office would be, "Maintain to Sustain." He went on to observe, "If studies are accurate, we have a no-regrets method to reduce energy use in buildings by 10 to 40 percent, solely by improving building operations. All we have to do is communicate and educate more effectively. It is our duty. We are pledged to deliver ASHRAE's promise of sustainability. To do that, we must maintain to sustain, we must train to sustain and we must influence the operation of our buildings to conserve energy."

The recently published ASHRAE, ACCA, ANSI Standard 180 establishes for the first time ever, a minimum acceptable level of performance for HVAC System maintenance. Bob will talk about the background of the standard, why it was developed, and where we intend for it to go in the future. After introducing the new standard, he will explain how it can be valuable to design engineers as well as to building owners. After hearing this presentation, attendees will be able to explain how implementation of the new standard, coupled with retro-commissioning of a building, can save an owner thousands of dollars in wasted energy, improve indoor air quality, and sustain a satisfactory level of indoor environmental quality.



Program

Location: Classroom I A/B
Trane Technology Center
2213 S. 20th St.
La Crosse, WI 54601
ph. (608) 787-2000

Date: May 20, 2009

Agenda: 12:00 p.m. – Business Meeting
12:30 p.m. – Program

Lunch: Available for purchase in the
Trane cafeteria

Cost: No Cost

Register by May 20th at

www.ashraelacrosse.org

Guests are always welcome!

Officers**President**

Rick Heiden

President-Elect

Larry Butz

Secretary

Jim Spielbauer

Treasurer

Mike Groen

BOG at Large

Chris Schlegel

Donna Bossman

Anthony Dix

Committee Chairs**CTT (programs)**

BJ Newton

Historian

Jim Ritter

Electronic Comm.

Jim Spielbauer

Honors and Awards

Larry Butz

Membership

Chris Hsieh

Newsletter

Jim Spielbauer

Research Promotion

Dwayne Johnson

Student Activities

Scott Hintz

Special Technical Session

Green Maintenance Needed to Keep HVAC Systems Green by Bob Baker, OPMS, DS, ASHRAE Distinguished Lecturer

We are expending considerable effort to assure that today's HVAC systems operate efficiently, provide an optimal indoor environment and support our overall goals of environmental responsibility and sustainability. This session demonstrates the importance of a strong maintenance program to assure that these "green" systems continue to provide the performance that was the design objective. The session will be filled with real world examples of both successful and lacking maintenance approaches and techniques. The session will:

- Illustrate both the costs and rewards associated with various levels of maintenance, discussing the tradeoffs between optimal maintenance and what might be cost effective.
- Walk you through how to build a maintenance program as mandated by Standard 180. Bob will outline the steps, and the attendees will offer suggestions for content to fill in the outline for their particular system.
- Be supplemented with illustrations from Bob's consulting experiences both in the US and throughout Asia.
- As an added feature, Bob will describe a special "maintenance" project that he supervised on May 5 of this year. Three cases of flu type A/H1N1 (Swine Flu) were identified at an elementary school in Bonita Springs, Florida. The district closed the school and decided to "decontaminate" it prior to re-opening. Bob was asked to help design the protocol for that de-contamination (including the HVAC System). He will describe how the decisions on how to proceed were made, the process and procedures made. This portion of the technical session will include photos of the actual decontamination.



Special Session

Location: Classroom I A/B
Trane Technology Center
2213 S. 20th St.
La Crosse, WI 54601
ph. (608) 787-2000

Date: May 20, 2009

Agenda: 8:45 a.m. – day-of registration
9:00 - 11:30 a.m. – session

Cost: \$50 for ASHRAE Members
\$60 for non-members

Register and Pay On Line

by May 20th at

www.ashraelacrosse.org

History of a Person: Carl F. Speich

Each year the Chapter Historian submits a history report at the Chapter Regional Conference (CRC). This year we proudly submit our 2009 History report on Carl Speich prepared by our chapter historian, Jim Ritter.

Carl has been a valued member of our chapter for decades, a huge asset to ASHRAE through his distinguished service, in addition to being an engineering hero at Trane, leaving a long legacy of successful inventions and engineering processes. We are proud to have him as a continuing active member. To read more about Carl Speich please visit the History section of the chapter website

<http://www.ashraelacrosse.org/Home/Committes/Historical/Historical.htm>

Advancing
HVAC&R to
serve humanity
and promote a
sustainable
world

2009 / 2010 Officer and Board of Governor (BOG) Elections

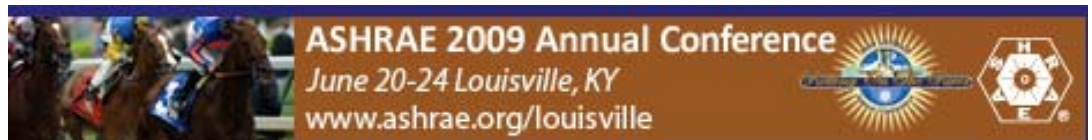
Elections will be held at the May chapter meeting. The following is a list of nominations.

President Elect: Jim Spielbauer

Secretary: Chris Schlegel

Treasurer: Mike Groen

Our programs committee is still looking for someone to chair the committee and is seeking new members. Please consider serving on this vital committee to ensure the continued success of the La Crosse chapter! If interested please contact Larry Butz at lbutz@gea-consulting.com.



The ASHRAE Annual Conference is more important now than ever before. During these difficult economic times, it is vital that you maintain your network ties to the ASHRAE community and that you remain current on the latest trends and technologies and gain a competitive edge over your competition. For more information on the conference go to www.ashrae.org/louisville



Money is tight for many ASHRAE members and making the trip to Des Moines for the Saturday training workshops may not be possible this year. That's why Region VI will broadcast all seven Chapter Training Workshops live from Des Moines using GoToWebinar. Chapter training workshops provide valuable information and a forum to ask questions about your committee's duties. These training workshops only occur once a year at CRC so you can not afford to miss this opportunity. Participating in the Webinars is free and can be done from your home computer. You must register in advance to get the login information. The Webinar will be interactive so you will have the opportunity to ask questions and participate just as if you were there. Select a session below to register today!

Saturday May 9, 2009

Session 1: 8:15 - 9:45

- Chapter Operations - <http://www2.gotomeeting.com/register/355240259>
- Membership Promotion - <http://www2.gotomeeting.com/register/521952683>
- Research Promotion - <http://www2.gotomeeting.com/register/968446154>
- Chapter Historian - <http://www2.gotomeeting.com/register/403828386>

Session 2: 10:00 - 11:30

- Chapter Technology Transfer - <http://www2.gotomeeting.com/register/267059562>
- Student Activities - <http://www2.gotomeeting.com/register/182958634>
- Electronic Communications - <http://www2.gotomeeting.com/register/632872915>

We're on the web
www.ashraelacrosse.org

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“Thank You” from the 2009 ASHRAE Scholarship Recipients

You may remember from the April newsletter that the ASHRAE La Crosse Chapter awarded scholarships to three students this year. Each of the recipients sent thank-you letters to the chapter. Although the letters could not be reproduced in this newsletter they have been attached to the email in which this newsletter was distributed. Thank-you to everyone for making these scholarships possible.

The WTC Foundation center which manages our scholarship endowment has indicated the markets have not been kind and our fund will not have enough interest to support scholarships for the 2009 - 2010 calendar year. We are looking for ideas on how to supplement this fund which will allow scholarships. Options include using revenue from bus trip, upcoming technical sessions or a straight donation from our operating budget. We will discuss in the BOG and bring recommendations to the chapter at the May meeting.

Membership Survey Coming Soon

BOG member Anthony Dix is preparing a short membership feedback survey. A separate email containing a link to the on-line survey will be sent out within the next few weeks. Please take this opportunity to provide suggestions on how the board and committee chairs can improve the chapter to better meet the needs of our membership.

ASHRAE Provides Federal Recovery Act Resources

ATLANTA – With U.S. economic recovery stimulus funds coming down the pipeline, state and local governments have a once-in-a-lifetime opportunity to upgrade and modernize the nation’s infrastructure.

To encourage investment in projects with the greatest long-term impact, ASHRAE has put together resources to help its members engage decision-makers in identifying and planning projects in their areas. Two resource packages related to recovery funding and energy efficiency in schools are being distributed to ASHRAE’s 124 chapters in the United States, encompassing some 35,000 members. The packages and supporting information can be found at www.ashrae.org/recovery.

“The American Recovery and Reinvestment Act provides significant funding to federal agencies and state and local governments for the improvement of government-owned infrastructure,” Bill Harrison, ASHRAE president, said. “ASHRAE members have the knowledge, experience and resources to assist state and local governments in determining projects with the greatest value and return on investment.”

An ASHRAE Member’s Guide to Recovery Funding provides information on the American Recovery and Reinvestment Act, areas of funding, resources available and tips for engaging state and local decision makers.

Energy Efficiency in Schools, Smart Investments of Recovery Funding provides information targeted to school administrators and state recovery fund managers to encourage investment in energy efficient schools.

ASHRAE, founded in 1894, is an international organization of some 50,000 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.

We’re on the web
www.ashraelacrosse.org