



ASHRAE LOUISVILLE CHAPTER NEWS

American Society of Heating, Refrigeration and Air Conditioning Engineers
Serving the commonwealth for 45 years.

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FACILITY TOUR – RALPH WRIGHT NATATORIUM (UNIVERSITY OF LOUISVILLE)

**Monday, September 11, 2006
Lunch Meeting**

ABSTRACT:

The Ralph Wright Natatorium features an eight-lane, 50-meter competition pool with a depth ranging from 4 feet 6 inches to 18 feet. The \$11.6 Million, 41,000 square foot facility accommodates up to 800 spectators and athletes. It includes office space, a large meeting room, and separate locker rooms for the public and for team members. Designed with various competitive levels in mind and maximum usage, the Natatorium serves as a state-of-the-art swim facility for the Louisville community.

TOUR GUIDES:

Mr. Steve Robinson, Project Manager for Mechanical Services, located in Louisville, KY
Mr. Mike Zehnder, Aquatics Director & Diving Coach, University of Louisville

Mr. Robinson and Mr. Zehnder will lead a tour through the facility, pointing out the many unique mechanical systems that are required to maintain humidity, comfort, energy consumption, and building protection.

MEETING LOCATION:

The University of Louisville Alumni Club

The cost for attending is \$20.00, cash or check (made payable to ASHRAE). Students and university facility may attend for \$5.00. Due to our current arrangements with the University Club, reservations are not cancelable after 5:00 PM Thursday prior to the meeting date. We want to encourage attendance, but emphasize the importance of notifying the treasurer if plans to attend have changed. Your consideration will help avoid meeting fee increases to offset losses associated with extra meal preparation.

It is extremely important to make your reservation no later than **Wednesday, September 6th** with Julian Donahue by simply using one of the following three options: 1) Calling **502-584-0011** or **502-633-1506** 2) Forwarding the form shown below this paragraph, by fax to 502-584-2222 or 3) E-mail Donahue@bcclt.com.

Reservation form

Number of Attendees _____

Name(s)

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VISIT THE LOUISVILLE CHAPTER ON THE WEB!

<http://www.ashraeregion7.org/louisville/index.html>

UPCOMING EVENTS/PROGRAMS:

Below is a list of upcoming meetings and events for 2006. Please mark your calendars:

October 2 – Dinner meeting at the U of L Alumni Club
November 6 – Lunch meeting at the U of L Alumni Club
December 2 – Christmas Party, location TBA
January 8 – Dinner meeting at the U of L Alumni Club
February 5 – Lunch meeting at the U of L Alumni Club
March 3 – Engineers' Day at University of Louisville
March 5 – Joint Dinner meeting with ASME and Student Presentations in the Vogt Building at U of L
April 2 – Lunch meeting at the U of L Alumni Club
May 14 – Golf outing, location TBA

MESSAGE FROM THE CHAPTER PRESIDENT

By Joe Nitzken

The 2006 – 2007 ASHRAE program has begun. The Board of Governors and I want to thank Ray Beaufait for leaving a healthy Louisville Chapter able to continue growth. Your Louisville Chapter can boast 204 assigned members. During last year's 10 programs and social events Louisville was able to average a turnout of 40 people, with a high of 62 during our Design-Build Panel Meeting. That is up from a 22-person turnout of the previous year. I want to thank each of you for attending and contributing to our chapter's success and recognition nationally.

The Louisville Chapter contributed \$13,185 to ASHRAE Research for 2005/2006. That number is up from \$5,060 the previous year. This contribution comes at a significant time since ASHRAE, under the new management of President Terry Townsend, is stretching out to create global standards for environmental and energy efficient design and construction – "Sustainability". No other organization has deeper roots in design and management of building construction and climate control. With a target toward net-zero buildings ASHRAE can be a leader in the effort to create a more sustainable world. Our money directly transfers to R & D and therefore development of tools and knowledge to be used by all of us daily.

Ultimately our Louisville Chapter must provide programs that help increase your technical knowledge and allow meeting others in the field for networking your projects and acquisitions to successful, profitable conclusions. The programs will focus on meeting those needs. Please assist Luke Powell of Air Equipment as CTTC (Chapter Technology Transfer Chair) and Programs Chair as his team develops the presentations. Certificates for Professional Development Hours (PDH) will be provided to all those attending the technical lunch and dinner meetings. This documentation can assist those of you requiring continuing education credits for PE registration and other technical certifications.

A major focus this year will be dedicated toward reaching out to our students and youth. Students in K-12, High School, College, and Vocational Schools are all potential technicians, scientists and engineers. We will be asking for assistance in visiting facilities and judging contests this year. Boy and Girl Scout merit badge counseling is also a valuable area of contribution. We ask for your input and support in expanding the skills of our youth. For the past few years Louisville - ASHRAE has provided a \$500 cash award to a college level competition. We will provide the award this year. For details see Tim Robertson of Johnson Controls, as Student Activities Chairman.

ASHRAE Updates Existing Buildings Energy Standard

ATLANTA – ASHRAE has updated its standard on energy conservation in existing buildings, designed to help owners maximize efficiency by improving operation, maintenance and energy monitoring.

ANSI/ASHRAE/IESNA Standard 100-2006, Energy Conservation in Existing Buildings, was updated to bring it in line with other ASHRAE guidance, specifically ANSI/ASHRAE/IESNA Standard 90.1-2004, *Energy Standard for Buildings Except Low-Rise Residential Buildings*, and the ASHRAE Handbook, *HVAC Applications*.

“Energy-saving practices for operation, maintenance and monitoring are essential for achieving sustainability in existing buildings,” Robert Fuller, vice chair of the Standard 100 committee, said. “It is important to ASHRAE and our members that we continue to provide stringent requirements for energy efficiency, and updating this standard helps us continue to be leaders in sustainability.”

Other changes incorporated in Standard 100-2006 include updated requirements for compliance that allow for newer technology, such as more efficient lighting, that has been made available since the last update, and a revised bibliography to reflect current documents and new publications.

The cost of the Standard 100 is \$33 (\$26, ASHRAE member). To order a copy of the standard, contact ASHRAE Customer Service at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide), fax 404-321-5478, by mail at 1791 Tullie Circle NE, Atlanta, GA 30329, or visit the [ASHRAE.org Bookstore](http://www.ashrae.org) at www.ashrae.org.

ICC and ASHRAE Announce Significant Collaborative Effort

ATLANTA - The International Code Council (ICC) and the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) signed a Memorandum of Understanding that will seek ways to optimize development of codes and standards to improve public safety. The organizations will work together on industry advocacy and public policy and explore joint business opportunities.

“The integration of leading edge technology via ASHRAE standards and guidelines into the building codes ensures the general public that the built environment will be efficient, healthy, comfortable and safe,” said ASHRAE President Terry Townsend. “This MOU will enhance both ASHRAE’s and ICC’s capabilities to have a positive impact on new construction and renovation activities in not only North American but also the international markets.”

The ICC model code system impacts the lives of millions of people every day in a positive way. The centerpiece of this system is an objective, scientifically based code development process, designed to achieve consensus on important health and safety issues.

A key element of this process is the use of consensus-based referenced standards like those produced by ASHRAE, developed through a fair and balanced process. Whether addressing structural performance or energy conservation, referenced standards serve to complement code text by providing the details and test methods necessary for effective code enforcement.

“This MOU with ASHRAE will help ICC members address some of the most important and contemporary issues facing building safety professionals today,” said ICC Chief Operating Officer Rick Weiland.

ASHRAE is an international organization that exists to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world.

The International Code Council, a membership association dedicated to building safety and fire prevention, develops the codes used to construct residential and commercial buildings, including homes and schools. Most U.S. cities, counties and states that adopt codes choose the International Codes developed by the International Code Council.

ASHRAE Pursues Certification Program

ATLANTA – In response to member and market demand, ASHRAE is exploring a certification program that will focus on areas of the building environment such as commissioning, health care facility engineering, building operation, and sustainability.

The Society is pursuing partnerships with other HVAC&R related organizations.

“By offering certification, ASHRAE will make our members more valuable to the industry,” Terry Townsend, P.E., ASHRAE president, said. “Certification from ASHRAE will add professional credibility to their work, as well providing educational resources to better enable them in designing and operating buildings that are more efficient.”

A market research survey conducted by ASHRAE last year showed a strong interest by members in providing certification. More than 80 percent of members indicated that ASHRAE should offer certification to individuals who complete a series of courses/seminars in a specific area of study.

In support of certification, ASHRAE will expand its existing educational program, known as the ASHRAE Learning Institute.

“The Learning Institute will continue to provide fundamental courses for those looking for lifelong learning and professional development,” Townsend said. “But we also must provide more specialty courses for those eager to keep up with the latest technology.”

The program is expected to launch in summer 2007.

In addition, ASHRAE is working make it easier for members to keep up with their current professional development hours to maintain existing professional registration.

“We are looking at tracking educational course attendance to qualify for professional development hours,” Townsend said. “We must make it as easy as possible for our members to educate themselves so they can get ahead in their careers.”