



ASHRAE NEWSLETTER

April 2008

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“News and Announcements from the Nashville Chapter of ASHRAE”

APRIL MEETING – GREEN BUILDINGS AND SUSTAINABILITY

**April 2008
Chapter Meeting**

**TOPIC:
Green Buildings and
Sustainability**

**Date:
Tuesday,
April 8, 2008**

**Location:
TN Engineering Center
@ The Adventure
Science Center**

**Meeting Time:
11:30 am to 1:00 pm**

**Speaker:
Paul von Paumgarten**

Fellow ASHRAE Members:

This month is always the most busiest month of the year. In addition to our regular monthly meeting, we have the satellite broadcast on Wednesday, April 16th. Two days later we have our annual golf tournament. The golf tournament is always the most well attended event of the year, resulting in a very successful fundraiser. All proceeds are split between the scholarship fund that helps to promote HVAC to the young engineers of Tennessee and ASHRAE Research Promotion.

Our regular meeting is on Tuesday, April 8th. This month, Paul von Paumgarten will speak to us on a topic that is always in high demand. Green buildings are becoming more of the norm rather than the exception.

Paul is the Director of Energy and environmental affairs for Johnson Controls. He has a degree in Finance and Marketing from the Univ. of Wis. – Milwaukee. Paul was one of the original members and currently is a board member of the U.S. Green Building Council, serving on the Finance Committee. He also has served on the Marketing Committee and the Leadership in Energy and Environmental Design® (LEED) Steering Committee. Paul was honored with the USGBC's Leadership Award in 2005 for his work on LEED development. He also is active in the formation and activities of the Alliance for Sustainable Built Environments, a coalition of suppliers of sustainable products and services. As a member of the Executive Council of the Energy Efficiency Forum, co-sponsored by Johnson Controls and the U.S. Energy Association, Paul helps bring together business and government leaders (recent years have included Sen. Hillary Clinton and President George W. Bush) to discuss the implications of energy policy.

During the past 20 years, Paul has served Johnson Controls as the national manager of lighting services and director of performance contracting. Before joining Johnson Controls, Paul held the positions of vice president of SPI Lighting; director of national accounts for McGraw Edison Company; and president of his own consulting firm, Productive Environments. He currently serves on the board of Fiberstars, Inc., a manufacturer of fiber-optic lighting and is on the advisory board of Turner Construction.

Paul has taught lighting design courses at several universities and has given numerous seminars for professional societies such as AEE, AIA, ASHRAE, ASID, IBD, IES and IFMA. He has published multiple articles on the subjects of energy and the environment and has spoken at many national conferences, including CoreNet, World Workplace, National Facilities Management and Technology, Today's Facility Managers Show, Association of School Business Officials, National Association of Counties, and local USGBC chapters.

Don Reaville
President, Nashville Chapter of ASHRAE

U.S. EPA Developing Data Center Energy Benchmark

WASHINGTON, D.C.—The U.S. Environmental Protection Agency (EPA) has announced that it is developing a benchmark to help IT managers compare energy consumption in their facilities with that of other data centers. About 100 companies have reportedly said they will provide raw power data and other information to the EPA for use in developing its new benchmark, which is expected to be available in about two years.

ICC Developing Green Building Certification for Inspectors

WASHINGTON, D.C.—The International Code Council is developing an Inspector of Green Building Technologies certification exam to demonstrate a code official's ability to understand the application of sustainable building technology and assess adherence with green building programs. The new certification will help provide assurances that sustainable buildings also are safe.

Building Energy-Efficient Buildings Easiest Way To Reduce GHGs, Says Report

VANCOUVER, British Columbia—Building more energy-efficient buildings might be the cheapest way to reduce greenhouse gas emissions and slow climate change, according to a recent report. The research was conducted by the Montreal-based Commission for Environmental Cooperation (CEC). It found that building green buildings and upgrading the insulation and windows in the existing ones could reduce carbon dioxide emissions by 1.7 billion tons annually. "This is the cheapest, quickest, most significant way to make a dent in greenhouse gas emissions," said Jonathan Westeinde, chair of the research group.

ASHRAE Provides High-Performance Building Design Professional Certification

Registration is now open for ASHRAE's new high-performance building design professional certification program. The first exam will take place June 25 at the 2008 ASHRAE Annual Meeting in Salt Lake City. Exams at testing centers around the world will become available in the fall.

Chapter OFFICERS and BOARD OF GOVERNORS

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Matt Fruetel

NEWSLETTER
Jonathan Yeager

More on this month's presentation...

The speech will be on the *evolution* of the High Performance Green Building movement which started as an 'Energy Efficiency' movement and evolved into High Performance Green Buildings. Currently, this is taking a more lifecycle approach and is contained in a movement toward 'sustainability'. In his speech, Paul will explain what the sustainability movement is, how you achieve it and how do you measure it.

Using proven processes, you can keep your competitive advantage by embracing the triple bottom line of sustainability:

- Economic prosperity for the organization and its stakeholders
- Social well-being for both employees and surrounding communities
- Environmental protection and resource conservation

Election Time for Local Chapter

Elections for chapter officers for the upcoming 2008-2009 ASHRAE year (starting July 1) will be conducted at our regular monthly meeting on April 8, 2008.

The proposed slate of officers is as follows. Effectively, each of the chapter officers will ascend one position leaving an opening at the chapter Treasurer position. Chris Williams will serve the role of chapter President, Matt Nicholson will be President-Elect, Jonathan Yeager will be the Vice President, and Matt Fruetel will be the Secretary.

Paul Welch of TLC Engineering for Architecture, has been nominated for the open position. Paul was born and raised in Columbia, TN. He went to college at Tennessee Tech University and graduated in January of 2003 with a Bachelor's degree in Mechanical Engineering. After graduating, Paul worked for Maffett Engineering in Cookeville. He then went on to work for TLC starting in August of 2006. He sat for the PE exam and passed it in 2007. He is married with one child and enjoys playing with his son, spending time with his family, and reconnecting with old friends.

ASHRAE Offers Local Internships

ASHRAE is not offering a new FREE service for local employers. Employers can now post available internship positions on the ASHRAE student website for free. Formerly the cost to post was several hundred dollars a listing. This is a great way to get the message out to the sharpest students, who could become future employees. It is also a tremendous service to students, who are always searching for meaningful internships.

Thanks,

[Burkley M. Allen, P.E. Region VII Vice-Chair of Student Activities](#)

Upcoming Chapter Event Schedule for 2008

2008

April 16, 2008:	ASHRAE Satellite Broadcast – 3.0 PDH
April 18, 2008:	ASHRAE Golf Tournament – Windtree Golf Course
May 13, 2008:	Speaker TBD: “LEED for School Buildings” – 1.0 PDH

The meetings are held at the Tennessee Engineering Center at 11:30 AM to 1:00 PM, except as noted. The Tennessee Engineering Center is located in the Adventure Science Center at, 800 Fort Negley Blvd., Nashville, TN 37203. Please RSVP to these programs. The meal cost is included in your yearly dues, but we still have to order the correct amount of food for each meeting. The monthly newsletter will give more details concerning these meetings.

Costs:

Members who have PAID local chapter dues:	Included
Members who have NOT PAID local chapter dues:	\$15.00
Guests:	\$15.00