



## **ASHRAE LOUISVILLE CHAPTER NEWS**

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

### **The New (Proposed) ASHRAE Standard 189.1 for High Performance Green Buildings**

**Monday, January 5, 2009 - Lunch Meeting Reminder**

#### **TOPIC:**

ASHRAE is developing a new standard for High Performance, Green Buildings (Standard 189.1). This session provides a detailed look at the standard, the background on its development and how it is foreseen that it may be applied and adopted.

#### **SPEAKER:**

Thomas M. Lawrence is a Public Service Associate with the University of Georgia, and has over 25 years of professional experience in engineering and environmentally related fields. Before going back for his Ph.D. in Mechanical Engineering at Purdue, he spent approximately 20 of those years in progressively more responsible engineering and management positions in industry and consulting. He is Chair of ASHRAE Technical Committee 2.8, "Building Environmental Impact and Sustainability", in July of 2008 and is a member of the Special Project Committee 189 writing an ASHRAE standard on high-performance green buildings. Dr. Lawrence has presented papers on building energy usage and indoor air quality at conferences in the U.S. and Europe, and has published papers on sustainable design and energy usage in buildings in journals such as *ASHRAE Journal*, *Solar Today*, and *Buildings and Environment*. At the University of Georgia, Dr. Lawrence teaches or has taught courses in Building Environmental Control, Green Building Design, Industrial Ventilation, Residential Building Design, Heat Transfer and Thermodynamics, and in these courses he works to bring in sustainable design concepts and practices. As part of the University of Georgia Engineering Outreach program, he is helping to coordinate building energy reduction activities within the state university system. Dr. Lawrence is also a consultant for Commissioning and Green Building Solutions in the Atlanta, Georgia area. He is an active volunteer with Habitat for Humanity, serving on the board of directors for the Athens, Georgia chapter while working to introduce sustainable design practices in the houses built there.

Dr. Lawrence has a B.S. with Highest Distinction honors in Environmental Science from Purdue University (1978), a M.S. in Mechanical Engineering from Oregon State University (1982) and a second M.S. degree in Engineering Management from Washington University earned in 1989. He received his Ph.D. in Mechanical Engineering from Purdue University in 2004 researching the impacts of demand-controlled ventilation on energy consumption and indoor air quality in smaller commercial buildings. Dr. Lawrence is a member of the American Society of Heating, Refrigeration and Air Conditioning Engineers; the American Society for Engineering Education and Phi Beta Kappa.

#### **MEETING LOCATION:**

**The University of Louisville Alumni Club from 11:30 until 1:00 pm**

The cost for attending is \$20.00, cash or check (made payable to ASHRAE). Students and university faculty 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, December 31st with Julian Donahue by simply using one of the following three options: 1) Calling (502) 569-3600 x 2422 2) E-mail [jdonahue@lwcky.com](mailto:jdonahue@lwcky.com).