

**SWF ASHRAE Chapter MEETING ANNOUNCEMENT**  
**DATE: WEDNESDAY, MARCH 12**  
**LOCATION: TOWN CENTER AT PELICAN PRESERVE, MAGNOLIA ROOM**  
**(JUST EAST OF I-75 OFF COLONIAL BOULEVARD)**

**TIME 5:00 – 6:00 BOARD OF GOVERNOR’S MEETING**  
**5:45 – 6:45 SOCIAL HOUR**  
**6:45 – 8:30 DINNER MEETING AND MAIN PROGRAM**

**COST: \$30.00 PER ATTENDEE – RESERVATIONS ARE A MUST**  
Register and Pre-Pay on our chapter website [www.swflashrae.org](http://www.swflashrae.org)  
Or RSVP to Stacey Perkins at Trane: 239-275-9420

**MAIN PROGRAM – THE (PROPOSED) ASHRAE STANDARD 189.1: HIGH PERFORMANCE, GREEN BUILDINGS**

**BACKGROUND:** ASHRAE 189.1, being developed by ASHRAE, the Illuminating Engineering Society of North America (IESNA), and the U.S. Green Building Council (USGBC), is intended to provide minimum requirements for the design of high-performance new commercial buildings and major renovation projects. The standard addresses energy efficiency, a building's impact on the atmosphere, sustainable sites, water use efficiency, materials and resources and indoor environmental quality. The program will provide insight into the intent, purpose, goals, challenges, benefits, and basic structure of the proposed standard.

**\*One CEU in the form of PDH will be offered for all registered professional engineers attending this presentation.**

**GUEST SPEAKER: Dr. Tom Lawrence, P.E., LEED® AP**

Dr. 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. Currently, he is vice-chair of ASHRAE Technical Committee 2.8, "Building Environmental Impact and Sustainability", and is a member of the committee writing an ASHRAE standard on high-performance green buildings (Standard 189.1). 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*. As an ASHRAE Distinguished Lecturer, he has given presentations and workshops on green building design at venues around the world. 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 practices. As part of the Engineering Outreach program, he is helping to coordinate building energy reduction activities within the state university system. Dr. Lawrence is also a consultant to Commissioning and Green Building Solutions in the Atlanta, Georgia area. He is an active volunteer with Habitat for Humanity, serving as Vice-President of 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 a Ph.D. in Mechanical Engineering from Purdue University in the spring of 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 is a Phi Beta Kappa.



**Directions:**

From I-75, Exit 136 (Colonial Blvd) East 1.3 miles to Treeline Ave.

Right on Treeline Ave. 0.6 miles to left on Pelican Preserve Blvd.

Through Gatehouse (Tell Attendant you are part of the ASHRAE Meeting at the Magnolia Room)

Take 1<sup>st</sup> right out of the Roundabout onto Veneto Drive

Take 2<sup>nd</sup> right into the Towne Center parking lot

Magnolia Room location is indicated by the Yellow Arrow

Lawrin Ellis Cell: 239-839-9698