



# The A.S.H.R.A.E. Newsletter

American Society of Heating, Refrigeration and Air conditioning Engineers, Inc.  
Southwest Florida Chapter # 139

Voted Region XII Best Newsletter for ASHRAE Year 1998 - 1999 & 2006 - 2007

APRIL 2008

Volume 13 Issue 8



## ***PRESIDENT'S MESSAGE***

Greetings Chapter Members,

April is here and that means it's time for our annual Backwater fishing Tournament! The tournament is April 19th . We have a great sponsorship commitment this year! If you or your company are sponsoring this event, we thank you!

It's not too late for your team to register. You will find information on the Chapter's website [www.swflashrae.org](http://www.swflashrae.org)

April is also the time of year where we officially nominate the officers for the next year. In this months newsletter you will find the official nominations ballot. Be sure to bring the ballot with you to the meeting.

At the May meeting we will be holding the elections so plan on being at the May meeting for the elections.

**We will be recognizing: Patricia T. Graef of Munters Corporation for her ASHRAE FELLOW Award. We will also Recognize Bill Malphus for his nomination for the Distinguished Service Award.**

Best Regards to all of you!

Michael Myers

2007-2008 SW Florida ASHRAE Chapter President

## ***APRIL MEETING NOTICE***

### **Topic:**

**WRITING CONTROL SPECIFICATIONS:  
TODAY'S CHALLENGES AND  
TECHNOLOGIES**

### **Guest Speaker:**

**John Miner, Director of Dealer  
Development-Automated Logic  
Corporation**

### **Meeting Location:**

**Magnolia Room**  
Town Center at Pelican Preserve  
(just off Colonial Blvd.)

### **Date:**

**April 9, 2008**

### **Time:**

**5:00 – 6:00** Board of Governors Meeting  
**5:45 – 6:45** Technical Session  
**6:45 - 8:30** Dinner, Meeting and Program

### **Cost:**

**\$30.00**

**Reservations are required.**

**RSVP to Stacey Perkins:**

**(239) 275-9420**

Or

[Sp Perkins@trane.com](mailto:Sp Perkins@trane.com)

Or on line at:

[www.swflashrae.org](http://www.swflashrae.org)

**This Month's Topic:**

**WRITING CONTROL SPECIFICATIONS: TODAY'S CHALLENGES AND TECHNOLOGIES**

Background: Creating control specifications have become more difficult and more challenging today than at any other time. Changes in available technologies; competing 'standards'; networking; consolidation of suppliers; the demand for integration; changing distribution methods have all added to the complexity of creating good control specifications. We all know that specifications which are too specific can limit competition; too loose and you lose control.

What's the answer? This month's program will review the challenges from the perspectives of both consultants and contractors; then present a manufacturer agnostic, technology-based tool which may provide a helpful solution.

**John Miner, Director of Dealer Development-Automated Logic Corporation**

Mr. Miner is responsible for the recruitment and development of distribution partners for Automated Logic Corporation. In his 20+ years at Automated Logic he has served in a number of roles from Project Manager to Region Manager to his current position. His previous 13 years were with one of the 'big three' control manufacturers of the time, in progressive roles from technical supervision to Branch Manager. Prior experience included facility management roles in both the Hotel Industry and a college. Educational background:

University of Massachusetts and Northeast Institute of Industrial Technology.

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**Past Presidents of  
#139 Southwest Florida Chapter**

- 1982 - 1983 Edward O'Neal, P.E.
- 1983 - 1984 Edward O'Neal, P.E.
- 1984 - 1985 Dennis Holland
- 1985 - 1986 Ross Montgomery
- 1986 - 1987 Jeff Dorini
- 1987 - 1988 Kermit Rood
- 1988 - 1989 Bill Malphus
- 1989 - 1990 Tom Delnay
- 1990 - 1991 Nelson Tarbox
- 1991 - 1992 Gary H. Griffin
- 1992 - 1993 Gary H. Griffin
- 1993 - 1994 Jeff Zenoniani
- 1994 - 1995 Lisa A. Duritsch
- 1995 - 1996 Jason Grabowski
- 1996 - 1997 James Faulkner
- 1997 - 1998 Robert Risley
- 1998 - 1999 Winifred Denius
- 1999 - 2000 Paul Martin
- 2000 - 2001 Don Pine
- 2001 - 2002 Randy Saul
- 2002 - 2003 Jason Allen
- 2003 - 2004 Mark Brant, PE
- 2004 - 2005 Guy Van Meulebrouck
- 2005 - 2006 John Pennington
- 2006 - 2007 Kurt Vega

**Please help us update the ASHRAE  
email list**

Email to Kurt Vega at [kurt.vega@emerson.com](mailto:kurt.vega@emerson.com).  
Or call 239-693-7200 X 218 mail to:

Kurt Vega  
Emerson Industrial Automation / Control  
Techniques.  
5580 Enterprise Parkway  
Fort Myers, FL 33905

Please include the following:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Membership # \_\_\_\_\_

# ASHRAE SOUTHWEST FLORIDA CHAPTER

## 2008 NOMINATING BALLOT

President: Sam Moreland

President Elect: Randy Munsey  
Write In: \_\_\_\_\_

Vice President: Lawrin Ellis  
Write In: \_\_\_\_\_

Secretary: Roger Coll  
Write In: \_\_\_\_\_

Treasurer: Chuck Spellman  
Write In: \_\_\_\_\_

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### **Membership News**

Autumn Spaulding Membership Chair

#### **Join ASHRAE Now and Save \$50!**

Viewers who are not currently ASHRAE members are cordially invited to join ASHRAE at a special introductory rate (\$50 off) for the first year of membership. A special membership application will be available at satellite broadcast sites or by request at [membership@ashrae.org](mailto:membership@ashrae.org).

To learn more about ASHRAE membership, visit [www.ashrae.org/membership](http://www.ashrae.org/membership).

You can contact Autumn by  
phone: (239) 332-4646  
or by email: [aspaulding@bandicontractors.com](mailto:aspaulding@bandicontractors.com)

### **ASHRAE NEWS**

#### **Applicant to work in government advisory role ASHRAE and USGBC Cosponsor Washington Fellowship**

ATLANTA – The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) and the U.S. Green Building Council (USGBC) have joined forces to sponsor a one-year fellowship in Washington, D.C., that will allow the participant to work in the federal government in a technical advisory role. Members of ASHRAE or USGBC may apply. Possible placement areas include Congress, a federal agency such as the Department of Energy, Environmental Protection Agency or the General Services Administration, or the White House Office of Science and Technology Policy.

“Federal government fellowships provide a valuable public service to the nation while at the same time providing engineers and scientists with a unique opportunity to participate directly in the policy-making process,” says Doug Read, ASHRAE program director of government affairs. “This is an exciting, rewarding, and educational period in their professional careers. This enriching experience enables fellows to bring back to their employers an insider’s perspective on government decision

*Statements made in this publication are not expression of the Society*

making that can contribute significantly to the mission and vision of the organization.”

“The fellowship is designed to educate participants on the inner workings of federal policy-making,” said Jason Hartke, director of public policy, U.S. Green Building Council. “The fellowship is an opportunity to provide scientific guidance and analysis to decision-makers, and to increase the visibility and involvement of scientists and engineers in the public policy arena.”

The fellowship runs from September through August 2009, and an orientation is conducted through the American Association for the Advancement of Science. A \$50,000 stipend will be provided to the selected fellow.

Candidates should possess a doctoral or other terminal degree in engineering or another building-related scientific discipline. Final placement of the selected fellow depends on the needs of the government offices and agencies at the time as well as on the skills and experience of the applicant.

The deadline for applications is May 1, 2008. ASHRAE or USGBC members interested in applying for the fellowship should contact Doug Read, ASHRAE program director of government affairs, at 202-833-1830 or [dread@ashrae.org](mailto:dread@ashrae.org).



## **ASHRAE Promotes Building Performance in Salt Lake City**

June 21 – 25, 2008

Looking to build performance in your career? Or maybe you're seeking to improve performance of the buildings you design, operate and maintain. Either way, ASHRAE's 2008 Annual Meeting is the place for you. Build your own performance by taking advantage of ASHRAE's education and technical program. Build the performance of buildings by applying the latest technology that your fellow members share at the meeting.

. <http://www.ashrae.org/events/page/1628>

## **Lessons from ASHRAE Roundtable on High-Performing Buildings Shared in Video**

ATLANTA – Early involvement by all members of the building team is crucial to the success of high-performing buildings, according to panelists in a new video from ASHRAE.

“You can't operate efficiently if the building hasn't been designed with that in mind,” said Don Winston, P.E., director of technical services, The Durst Organization, Inc.

“The operators will always win in the end. If you don't design it in a way that it can be operated in accordance with its performance goals, it won't be...it really goes back to the design process and a level of cooperation. Everyone has to be in on it, including the operations team, from day zero.”

Lessons learned in sustainable design can now be seen via a free online video at [www.ashrae.org/roundtable](http://www.ashrae.org/roundtable). The video is a recording of a special roundtable, High-Performance Buildings: Lessons from the Leaders, originally presented at ASHRAE's 2008 Winter Meeting. The panelists discuss owner motivations, technical challenges, design choices and trade-offs, costs for these projects, and share perspectives about whether the expectations set early in the design process have been met once the buildings are occupied.

The panelists include representatives of New York's best-known owner/developer firms, along with the engineering designers who bring their projects to reality. Their projects include some of the most sustainable buildings in New York City, such as 4 Times Square, the Chrysler Center, One Bryant Park and the New York Times Headquarters.

“What does high performance mean?,” questions panelist Tom Scarola, director of engineering, Tishman Speyer.

“Up until even a few years ago, buildings were designed very prescriptively based on meeting codes, not challenging whether they could perform better. What we do today is called high performance but it is just good and efficient design. It is reasonable to believe that the issue is no longer if it is a high-performance building, the question is how high. Building a high-performance building means never having to say you're sorry.”

The panelists agree that it is essential that planning for the design, operation and maintenance of high performing buildings start early and involve all members of the building team. They also agree that designers and engineers should strive to incorporate new technologies and design methods.

“Put behind you what've done for the last 20 jobs,” suggests panelist Scott Frank, P.E., partner, Jaros Baum & Bolles. “Get in the habit of saying ‘how can we do this differently,’ ask ‘why not’ at every turn, worship the god of common sense, and be sure every decision and recommendation you make is backed up by rigorous engineering.”

Dan Nall P.E., senior vice president/director-advanced technologies, Flack + Kurtz addresses sustainability outside the U.S. market.

“Perhaps the most informative experience I have had is working on projects in the Middle East, where the entire support infrastructure is being built at the same time as the buildings. This provides an opportunity to investigate the relations of multiple buildings to their support infrastructure and the opportunities that exist to create a complex cascading utilization of resources. The answer doesn't lie in making individual green buildings – it lies in making green cities.”

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**PHOTOGRAPHS**  
**March 12, 2008**



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Advancing HVAC&R to serve humanity and promote a sustainable world  
1791 Tullie Circle, NE • Atlanta, Georgia • 30329 • www.ashrae.org

# ASHRAE Learning Institute



## Spring Online Courses

**Register and Save!**

**\$150 ASHRAE Member**  
**\$225 Non-member**



Earn 3 PDHs/.3 CEUs or 3 AIA LUs

**An Introduction to BACnet®**

Wednesday, April 9, 2008  
1:00 p.m. to 4:00 p.m. EDT



In this course, students learn the fundamental principles of BACnet® as they relate to interoperability. The course helps students understand some of the elements required to successfully plan for BACnet® and some of the complex issues that must be addressed to achieve interoperability. Attendees will receive a discount toward the purchase of ASHRAE Standard 135-2004 – BACnet.

*David Fisher,  
Instructor*

[Register Here](#)

**Complying with ANSI/ASHRAE/IESNA  
Standard 90.1-2007 HVAC/Mechanical**

Monday, April 14, 2008  
1:00 p.m. to 4:00 p.m. EDT



*Mack Wallace,  
Instructor*

This course presents the HVAC/mechanical requirements from ANSI/ASHRAE/IESNA Standard 90.1-2007. The course presents an overview of the Standard and describes changes to the 2004 mechanical section that are part of the 2007 Standard. Attendees will receive a discount toward the purchase of ANSI/ASHRAE/IESNA Standard 90.1-2007 - Energy Standard for Buildings Except Low-Rise Residential Buildings and Standard 90.1-2007 User's Manual.

[Register Here](#)

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**Introduction to Green Buildings  
and Sustainable Construction**

Monday, April 28, 2008  
1:00 p.m. to 4:00 p.m. EDT



*Joy Altwies,  
Instructor*

This course presents the basic principles related to sustainable construction and green buildings. Included in the course is a review of the integrated approach to buildings and systems necessary to achieve green/sustainable buildings, developments, and projects as well as the requirements of a popular national green rating system in the U.S. Attendees receive a discount toward the purchase of the new ASHRAE GreenGuide, 2nd Edition.

[Register Here](#)

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**Understanding & Designing Dedicated  
Outdoor Air Systems (DOAS)**

Wednesday, April 30, 2008  
1:00 p.m. to 4:00 p.m. EDT



*Stanley Mumma,  
Instructor*

This course presents some of the issues that point toward separate dedicated outdoor air systems (DOAS) and away from delivering the ventilation via single all-air variable air volume systems. The course also illustrates that once a shift in the design paradigm in favor of a separate DOAS has occurred, questions concerning the thermodynamic state of the delivered ventilation air arise.

[Register Here](#)

## Exceeding Standard 90.1-2007

Wednesday, May 7, 2008  
1:00 p.m. to 4:00 p.m. EDT



This course explains Appendix G, a new informative appendix in 90.1 since 2004, provides specific guidance on the rules and procedures to use to simulate building energy used when the objective is to substantially exceed the requirements of 90.1. Appendix G is especially useful for energy simulations connected with LEED credit and with energy tax credit. Attendees will receive a discount on Standard 90.1-2007 and the Standard 90.1-2007 User's Manual.

*Mack Wallace and J.J. Deringer,  
Instructors*

[Register Here](#)

## 2 ways to register:

1. Internet: [www.ashrae.org/online\\_courses](http://www.ashrae.org/online_courses)
2. Phone: Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

NOTE: You may register up to 24 hours prior to an online seminar. Course times are in Eastern US Time Zone.

## Site Licenses:

Site Licenses are available for organizations that want three or more employees to take an online seminar. Each participant will receive credit. To purchase a site license, contact [edu@ashrae.org](mailto:edu@ashrae.org), call 678-539-1161, or visit [www.ashrae.org/onlinecourses](http://www.ashrae.org/onlinecourses).

## ASHRAE 2007-2008 Chapter Meeting Dates

Meeting Date	Program	Speaker / Representative	Location
Sep. 12, 2007	Building Commissioning	Carl N. Lawson ASHRAE Distinguished Lecturer	Magnolia Room
Oct. 10, 2007	Joint Meeting with TCSCA/AIA – Panel Discussion Featuring Architects, Engineers <b>(Donor Recognition Night)</b>	-	Magnolia Room
Oct, 26, 2007	Golftober	-	Pelican Preserve
Nov. 14, 2007	FPL Incentive Programs <b>(Research Promotion Night)</b>	Keith Ponitz, FPL	Magnolia Room
Dec. 12, 2007	Smoke Control Part II; <b>(Membership Promotion Night)</b>	Mike Myers, TLC Engineering	Magnolia Room
Dec 14 2007	Hockey Night	Florida Everblades	Germain Arena
Jan. 9, 2008	GREATER EFFICIENCY TODAY, BLUE SKIES TOMORROW: INNOVATION FOR A SUSTAINABLE BUILT ENVIRONMENT <b>(Young Engineers Promotion Night)</b>	Kent Peterson	Magnolia Room
Feb 8, 2008	Envelope Seminar	Dr. Joe	Crowne Plaza, Bell Tower
Feb 13, 2008	Joint Meeting with CSI	Colleen Smith	Magnolia Room
Mar. 12, 2008	LEED and Proposed ASHRAE Standard 189;	Thomas M. Lawrence, Ph.D., ASHRAE DL	Magnolia Room
Apr. 9, 2008	WRITING CONTROL SPECIFICATIONS:	John Miner	Magnolia Room
Apr.19, 2008	Backwater Fishing Tournament	Richard Brooks	Rum Runners
May 14, 2008	TBA	TBA	Magnolia Room
May, 2008	Pool Tournament	Lisa Duritsch	TBA
June, 2008	Presidents Party	Mike Myers	TBA

### A.S.H.R.A.E - Southwest Florida Chapter 2007-2008 Officers and Committee Directory

#### Chapter Officers:

##### President

Michael Myers  
239-275-4240  
[mike.myers@tlc-eng.com](mailto:mike.myers@tlc-eng.com)

##### President Elect

Sam Moreland  
239-278-1988  
[smoreland@tombarrow.com](mailto:smoreland@tombarrow.com)

##### Vice President

Randy Munsey  
[randymunsey@burchcorp.com](mailto:randymunsey@burchcorp.com)

##### Treasurer

Stacey Perkins  
239-275-9420  
[sperkins@trane.com](mailto:sperkins@trane.com)

##### Secretary

Heather Hsi  
813-258-6609  
[hlhsi@adiflorida.com](mailto:hlhsi@adiflorida.com)

##### Administrative Assistant

Mary Kay Gonzales  
239-939-9098  
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#### Chapter Board of Governors:

Gary Griffin  
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John Pennington  
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[johnp@boyd-hvac.com](mailto:johnp@boyd-hvac.com)

Kurt Vega  
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Rob Risley  
239-332-9111  
[rrisley@fpl.com](mailto:rrisley@fpl.com)

**ASHRAE**  
1-800-527-4723

#### Chapter Committee Chairpersons:

##### Chapter Technology and Transfer Committee (CTTC)

John Pennington  
239-633-8197  
[johnp@boyd-hvac.com](mailto:johnp@boyd-hvac.com)

##### Programs

Lawrin Ellis  
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[Larwin.Ellis@tlc-eng.com](mailto:Larwin.Ellis@tlc-eng.com)

##### Membership

Autumn Spalding  
(239) 332-4646  
[aspalding@bandicontractors.com](mailto:aspalding@bandicontractors.com)

##### Resource Promotion

Roger Coll  
239-275-9420  
[rmcoll@trane.Com](mailto:rmcoll@trane.Com)

#### Chapter Committee Chairpersons:

##### News Letter Editor

Kurt Vega  
239-693-7200 ext. 218  
[kurt.vega@emersonct.com](mailto:kurt.vega@emersonct.com)

##### Honors and Awards

Gary Griffin  
239-332-4646  
[GaryG@BandIContractors.Com](mailto:GaryG@BandIContractors.Com)

##### Historian

Jason Grabowski  
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[jasong@bandicontractors.com](mailto:jasong@bandicontractors.com)

##### Student Activities

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