



# DELTA DIGEST

April 2008

Editor: Mike Bonano Jr

The New Orleans Chapter of ASHRAE is once again pleased to distribute the latest Delta Digest, keeping you up-to-date with the latest happenings of your local chapter. As always, if you have any comments that can help us serve you better, please let us know.

## Meeting Information:

**Date and Time:** Tuesday, April 15 2008

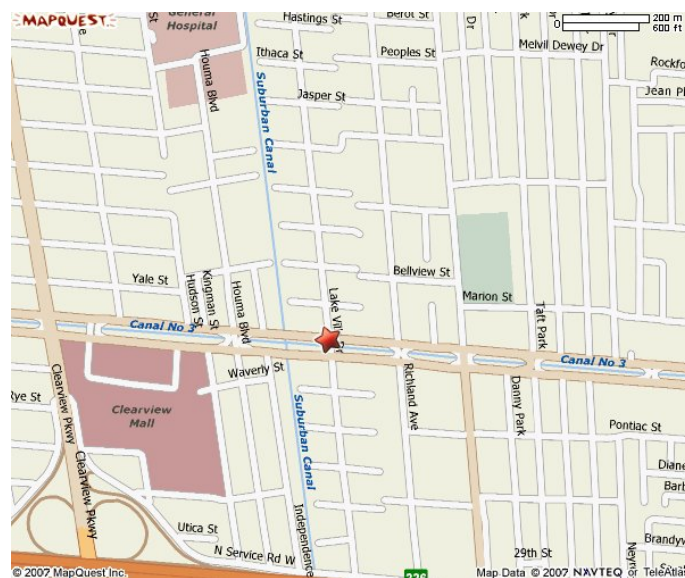
**Venue:** Carmines Italian and Seafood Restaurant  
4101 Veterans Blvd Metairie, La 70002 (See Map Below)

**Time:** 5:30 pm (Social)  
6:00 pm (Start)

**Topic:** B&G Little Red Schoolhouse

**Speaker:** Mark Hegberg

This is a great opportunity to attend a highly informative presentation from and ASHRAE Distinguished Lecturer and earn 1.0 PDH. Please feel free to bring a colleague or associate to the meeting and pass this along to any ASHRAE members who may not be on this list.





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## Just so you know ...

The upcoming schedule for general meetings, Board Meetings, and special events is tentatively planned as follows:

### General Membership Meeting Schedule 2007-2008

<i>September Meeting:</i>	<i>Tuesday, September 18, 2007</i>
<i>October Meeting:</i>	<i>Tuesday, October 16, 2007</i>
<i>November Meeting:</i>	<i>Tuesday, November 20, 2007</i>
<i>Christmas Party:</i>	<i>Friday, December 7, 2007</i>
<i>January Meeting:</i>	<i>Tuesday January 15, 2008</i>
<i>February Meeting:</i>	<i>Tuesday, February 19, 2008</i>
<i>March Meeting:</i>	<i>Tuesday, March 18, 2008</i>
<b>April Meeting:</b>	<b>Tuesday, April 15, 2008</b>
<b>May Meeting:</b>	<b>Tuesday, May 20, 2008</b>



### Board Meeting Schedule 2007-2008

All meetings will be held at Pontchartrain Point Café |  
Time: 11:30 AM – 1:00 PM

<i>September Meeting:</i>	<i>Friday, September 10, 2007</i>
<i>October Meeting:</i>	<i>Thursday, October 11, 2007</i>
<i>November Meeting:</i>	<i>Friday, November 16, 2007</i>
<i>January Meeting:</i>	<i>Friday, January 11, 2008</i>
<i>February Meeting:</i>	<i>Friday, February 8, 2008</i>
<i>March Meeting:</i>	<i>Friday, March 7, 2008</i>
<b>April Meeting:</b>	<b>Friday, April 4, 2008</b>
<b>May Meeting:</b>	<b>Friday, May 2, 2008</b>



## Membership Corner ~

We wish to encourage those who may have changed jobs, addresses, phone numbers, or e-mail addresses to please logon to the ASHRAE website to update your account information. Consolidation of this information will be utilized to develop the Chapter Directory, so don't delay! Don't let bad information get published!

[WWW.ASHRAE.ORG](http://WWW.ASHRAE.ORG)

This year, news of our meetings will be transmitted in various forms, all in an effort to increase our Chapter's visibility and boost member attendance. Our Chapter has many members we haven't seen in quite a while. Please contact your associates in our profession, and encourage them to get involved in our Society on the local, regional, national, or international level. Also, look for meeting announcements in City Business and the weekend Money Section Calendar of the Times Picayune. Not receiving e-mail notifications? Changed jobs or e-mail addresses? Please contact Michael Cooper at the following link to update your information:

[mcooper@mccgroup.com](mailto:mcooper@mccgroup.com)



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## Chapter Technology Transfer Corner

### Sustainable Design

#### **Interested in specifying one of the most efficient HVAC systems?**

According to the U.S. Department of Energy and the U.S. Environmental Protection Agency, [closed-loop ground-coupled heat pump](#) systems are amongst the most energy-efficient, environmentally friendly heating and cooling systems. [CLICK HERE](#) to access an informative article from a previously published ASHRAE Journal.

### Government Affairs

#### **Energy Star Commercial Buildings and Plants on the Rise**

According to the EPA, there was a 25% increase in commercial buildings and manufacturing plants that gained the Energy Star ranking in 2007, with Energy Star buildings located in every state. For more information [CLICK HERE](#)

### Technology

#### **BIM – Building Information Modeling**

What is BIM?

A BIM is a digital representation of the physical and functional characteristics of a facility. To see how BIM is being used to help New Orleans tackle the massive post Katrina rebuilding effort, attend FIATECH's Annual Technology Conference in New Orleans. The conference is being held at the Hotel Monteleone from March 31<sup>st</sup> through April 2<sup>nd</sup>. For more information, [CLICK HERE](#).

### Interested in Upcoming Meeting Topics?

In an effort to get information into your hands effectively and efficiently, the New Orleans Chapter website is continually updated with new information, including meeting notices, past issues of Delta Digest, and upcoming meeting topics and speaker bios. Check out the meeting info section at the Chapter website – just click on:

<http://www.ashraeno.com/meetings.htm>.



### ASHRAE DISCUSSION FORUMS

Have HVAC questions on Commercial Applications, Moisture Control, Standards, etc.? [CLICK HERE](#) to visit ASHRAE Discussion Forums to see questions and answers from people like you on these topics and many more.



### ASHRAE Learning Seminar



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## **New Orleans Chapter of ASHRAE Presents: *Designing Buildings in Hot & Humid Climates* (6 PDHs)**

**Where:** Hilton Riverside Hotel

**When:** May 2<sup>nd</sup> 8:00 a.m. – 4:00 p.m.

**Cost:** \$200 per attendee (lunch included)

**Registration:** [Click Here](#)

**Description:** This ASHRAE Learning Institute seminar presents an overview of how to design buildings in humid climates with consideration of all facets to the building design: building envelope, ventilation loads, control strategies, and maintainability.

Topics include:

- Overview of the Moisture Problem
  - Building envelope
  - Ventilation
  - Moisture/Dampness
  - Environmental Comfort Controls (temp, relative humidity)
  - Microbiological agents
- Why is Moisture Management important to facility managers
  - Health aspects of its occupants (productivity)
  - Structural issues that may affect perceived value of the property
  - Improving sustainability
  - Reducing energy consumption
  - Litigation as a result of improper facility management
- Enclosure Design
  - Exterior envelopes and permeability
  - Material selections including mold food and permeability
  - Vapor barrier or moisture retarder
  - Rain barrier
  - Windows, doors and openings
- HVAC Design
  - Humidity loads
  - Ventilation and Pressurization
  - Moisture Control
  - Air Cleaning
  - Energy Management
  - Maintenance

Continued...

**[ASHRAE Learning Seminar](#)**



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**Instructor: Raymond Patenaude, PE, CIAQP**, President of The Holmes Agency, Inc., is a registered Professional Engineer and Certified Indoor Air Quality Professional specializing in moisture intrusion into buildings, microbial contamination of building environments and indoor air quality of habitable spaces. He has been a Consulting and Forensic Engineer for over thirty years involved with the analysis, design and construction of building systems. As a recognized expert in his field, Mr. Patenaude, provides professional consultation and forensic investigation in building science including: cause and origin of construction defects; building envelope assessments; HVAC failure causation analysis; indoor air quality; moisture intrusion; mold growth investigations; remediation management; claims and litigation support for commercial, residential, industrial and institutional buildings.

Mr. Patenaude is a former ASHRAE Vice President and currently serves the Society as Vice Chair of TC 1.12, Moisture Management in Buildings, and Chair of the Project Monitoring Sub-Committee for the new ***ASHRAE Guide for Buildings in Hot and Humid Climates***. In addition, he is also the Chairman of the Board of the Certified Indoor Air Quality Professionals, a member of the National Society of Professional Engineers, the National Academy of Forensic Engineers, the Florida Engineering Society, Association of Professional Industrial Hygienists and the American Conference of Governmental Industrial Hygienists.



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## **ASHRAE Research**

ASHRAE's mission is to advance the arts and sciences of HVAC&R to serve humanity and promote a sustainable world. ASHRAE's vision is that ASHRAE will be a global leader, the foremost source of technical and educational information, and the primary provider of professional growth in the arts and sciences of HVAC& R.

To meet both the mission and the vision ASHRAE is dependent on us to fund ASHRAE Research. It is through financial leadership from us that ASHRAE continues to sponsor industry related projects, develop meaningful continuing education programs, endow undergraduate engineering scholarships, provide updating of standards and handbooks, and produce a variety of publications and industry resource materials.

Every dollar invested in ASHRAE whether for research, education, endowments or other general operations, goes toward those endeavors.

Contributions to ASHRAE Research should be made payable to ASHRAE Research and mailed to Harold Baur at 9729 Paula Drive, River Ridge, LA 70123.

Thank you for your support of ASHRAE.

## **Run your Ad!**

In years past, the Delta Digest has sold advertisements to be included in the Digest, in order to offset the cost of reproduction and mailing of the printed version. Since we have become an electronic newsletter, we will now sell advertisement space and donate the proceeds to Resource Promotion. Previous advertisement fees were somewhat costly, and only included a limited number of mailings. This year, the Delta Digest will be updated and distributed electronically every month, hard copies will be made available at the monthly meetings, and the entire document is posted on-line on the local N.O. Chapter website. A lot of exposure for a little investment! The fee structure has been established as follows:

Business Card Ad:	\$50.00
Half-Page Ad:	\$150.00

Anyone interested in placing your business card or half-page ad into the Digest this year, contact Mike Bonano

Jr. @ [mike@ci-sales.com](mailto:mike@ci-sales.com)

## **Advertisements**



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The following people are also recognized for their contribution to the ASHRAE research fund.

Mr. Louis Schweizer, Jr.  
Mr. Joseph J. Quartana  
Mr. Charles W. Boyle, Jr.  
Lucien T. Vivien and Associates  
Mr. Frank Schambach  
Crumb Engineering LLC  
Mr. Kelly Hasney, Jr.  
Mr. Michael Kersanac  
Schantz Engineering LLC  
Mr. Harold Baur  
Mr. Kyle Sharbonno  
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If your name is on this list, please forward your business card information to [mike@ci-sales.com](mailto:mike@ci-sales.com) so that it can be entered in next months Delta Digest.

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MIKE BONANO JR. - EDITOR

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