

AMERICAN SOCIETY OF HEATING, REFRIGERATING, AND AIR CONDITIONING ENGINEERS
NEW ORLEANS CHAPTER



September 2008

Editor: Stuart Feilden

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 ASHRAE 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, September 16, 2008

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

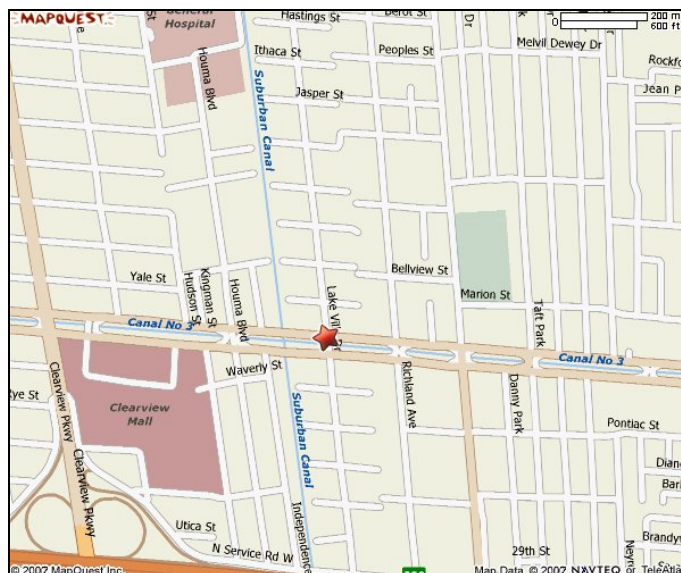
Time: 5:30 pm (Social) & 6:00 pm (Dinner & Presentation Begin)

Cost: \$ 30.00 per person (Includes dinner)

Topic: Indoor Air Quality for Building Occupants

Speaker: Daniel Int-Hout, III - ASHRAE Distinguished Lecturer

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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President's Message

September 2008

Dear Fellow Members, Guests and HVAC Colleagues,

Welcome to the 2008-2009 year for the ASHRAE New Orleans Chapter. I consider it an honor and a privilege to serve as your Chapter President this year and I look forward to a wonderful and exciting year. I am sure that many of you have experienced stress and hardship from the recent hurricanes. Hopefully we are through with those bothersome storms for 2008. Your local ASHRAE chapter was represented extremely well at this year's CRC (Chapters Regional Conference). Damien Serauskas, Buddy Hodge, Frank Schambach, Michael Cooper, Kelly Hasney Jr., Rob Hoffman, Stuart Feilden and myself made the journey to Memphis. The conference was informative and everyone had a great time. Harold Baur received numerous awards for his outstanding efforts as Research Promotion Chair and Buddy Hodge received the Distinguished Historian Award. Your Board of Directors and committee members held their planning meeting this summer and we feel this year the New Orleans ASHRAE Chapter will continue to provide valuable services to our membership. A couple of highlights: ASHRAE Focuses on Maintaining to Sustain, Young Engineers in ASHRAE, Two ALI Seminars, continuation of the Delta Digest, many Distinguished Lecturers at Chapter Meetings, Full Circle Recognition for Research Promotion and the list goes on; more details will come in future editions of the Delta Digest.

I challenge each of you to get involved in ASHRAE at the local, regional, and/or societal level. ASHRAE exists because of volunteers who actively get involved to make a difference in our profession and industry.

If there are any ideas, concerns, or recommendations you might want to make our chapter better, please contact me at Michael.a.kersanac@nasa.gov. The Chapter is here to serve its members, so tell us how we can provide the services you might need, and what it would take to renew your active involvement.

I look forward to seeing you all at the September meeting!!!

Kindest regards,

Mak Kersanac



DELTA DIGEST

2008 – 2009 ASHARE New Orleans Events

General Membership Meeting Schedule

*** Meetings are typically on the 3rd Tuesday of every month. ***

September Meeting	Tuesday, September 16, 2008
October Meeting	Tuesday, October 21, 2008
November Meeting:	Tuesday, November 18, 2008
Christmas Party:	TBD
January Meeting:	Tuesday January 20, 2009
February Meeting:	Tuesday, February 17, 2009
March Meeting:	Tuesday, March 17, 2009
April Meeting:	Tuesday, April 21, 2009
May Meeting:	Tuesday, May 19, 2009



Special Events

ALI Seminar – Dedicated Outdoor Air	Friday, November 14, 2008, 8 – 4 pm
Golf Tournament:	TBD
Past President's Night	TBD
Research Promotion Night	TBD

Board Meeting Schedule

<i>September Meeting:</i>	<i>Friday, September 12, 2008</i>
October Meeting:	Friday, October 17, 2008
November Meeting:	Friday, November 14, 2008
January Meeting:	Friday, January 16, 2009
February Meeting:	Friday, February 13, 2009
March Meeting:	Friday, March 13, 2009
April Meeting:	Friday, April 17, 2009
May Meeting:	Friday, May 15, 2009



General Membership Meeting Presentation Topics

Sept 16 th	"Indoor Air Quality for Building Occupants", Daniel Int-Hout, III - ASHRAE Distinguished Lecturer
Oct 21 st	"ASHRAE - Leading the World to an Independent and Sustainable Future", Terry Townsend - ASHRAE Distinguished Lecturer, ASHRAE Past President
Nov 18 th	TBD
Dec TBD	Christmas Party
Jan 20 th	"Green Maintenance Needed to Keep HVAC Systems Green", Rob Baker - ASHRAE Distinguished Lecturer
Feb 17 th	"Ethics for Engineers", - Dr. Norma Mattei - University of New Orleans
Mar 17 th	TBD – Possible joint meeting with Louisiana USGBC Chapter
Apr 21 th	"Open Systems and Integration; When, Why, and How to Specify."
May 19 th	"Selection Criteria Affecting the Chiller in a Chilled Water System", Julian DeBullet - ASHRAE Distinguished Lecturer



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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

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 (forward their information to [Stuart Feilden](#)), 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?

Chapter Technology Transfer Corner

Sustainable Design

NREL Scientists Create Most Efficient PV Device

Scientists at the U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) have created a photovoltaic device that converts 40.8% of the light that hits it into electricity. This is reportedly the highest confirmed efficiency of any photovoltaic device to date. According to DOE, the new device is a candidate for the space satellite market and for concentrated photovoltaic arrays on land. For additional details, [CLICK HERE](#).



Government Affairs

DOE Pursues Zero-Net Energy Commercial Buildings

DOE launched the Zero-Net Energy Commercial Building Initiative (CBI), with the goals of developing new commercial buildings that produce as much energy as they use and making these buildings marketable by 2025. Such zero-net energy commercial buildings will minimize their energy use through cutting-edge energy efficiency technologies and will meet their remaining energy needs through on-site renewable energy generation. For more information, [CLICK HERE](#).

Technology

Strategies for Improving IAQ

By **James E. Megerson, P.E.**, Member ASHRAE; and **Chris Torline, P.E.**, Associate Member ASHRAE

This article presents a case study of a high school located in a suburb of Kansas City, Kan., which experienced several IAQ issues associated with increasing student population and limitations of the existing mechanical systems. The design team employed by the school district devised a solution using highly efficient equipment and control systems that provided energy savings above the additional energy required to condition the increased amount of ventilation air. This project received the ASHRAE 2006 Technology Award. To download article, [CLICK HERE](#).



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Technology Awards Program

The purpose of the ASHRAE Technology Awards program is to:

1. Recognize ASHRAE members who design and/or conceive innovative technological concepts that are proven through actual operating data;
2. Communicate innovative systems designs to other ASHRAE members;
3. Highlight technological achievements of ASHRAE to others, including associated professionals and societies worldwide, as well as building and facility owners.

For more information on this program, [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 Learning Seminar

New Orleans Chapter of ASHRAE Presents: Dedicated Outdoor Air Systems: Design and Field Implementation (7 PDHs)

Where: Hilton Riverside Hotel

When: November 14th 8:00 a.m. – 4:00 p.m.

Cost: \$200 per attendee (lunch included)

Registration: See attached registration form



Seminar Description:

Dedicated Outdoor Air Systems (DOAS): Design and Field Experiences

Applications of DOAS have expanded significantly over the past 5 years. As a result, Dr. Mumma's presentation focus has shifted away from "The Reasons Engineers Are Seriously Considering Them" to "*DOAS Design Field Experiences*". Specific attention will be given to controls, enormously expanded equipment choices, comfort and ADPI, energy performance, humidity control, loss of air side economizers, LEED points, parallel systems, and pitfalls.

Chilled Ceilings, Floors, and Beams

Chilled Ceilings, Floors, and Beams have been met with skepticism by many US engineers due to problems encountered with systems installed in the 1960's, as well as an on-going perception that condensation, capacity and cost are insurmountable problems. Dr. Mumma will forthrightly address these three issues. And he will elaborate on the performance of integrated DOAS Chilled Ceiling, Floor or Beam systems in the areas of human comfort, safety—including terrorist resistance, and LEED/sustainable design. Both design and operating experiences from buildings employing these technologies will be discussed. Finally, the chilled ceiling, floor or beam engineering design process will be laid out, including emphasis on the need for DOAS when chilled ceiling/floor/beam projects are undertaken.

Instructor:



Stanley A. Mumma, Ph.D., P.E., is a Professor Emeritus of Architectural Engineering at The Pennsylvania State University. Stanley's research interests include Dedicated Outdoor Air Systems; Chilled Ceiling/Radiant Cooling; Mathematical Modeling, Simulation, and Optimization of Building Mechanical Components and Systems; Solar and Alternate Energy; Control of Ventilation Systems to Provide Acceptable Indoor Air Quality; and Direct Digital Controls. Stanley is an ASHRAE Fellow and has served on numerous committees and councils in ASHRAE over the past 28 years, including his current roles as a course presenter, distinguished lecturer, and as a member of the ASHRAE Publication Committee.

Stanley A.
Mumma



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Sponsors TBA

ASHRAE Learning Seminar Registration Form

Topic: “Dedicated Outdoor Air Systems: Design and Field Implementation”
7 PDHs to be provided

When: November 14th 8:00 a.m. – 4:00 p.m.

Where: Hilton Riverside Hotel and Convention Center
2 Poydras St.
New Orleans, LA

Cost: \$200 per attendee (lunch included)
All proceeds support the local New Orleans ASHRAE Chapter

Please contact Michael Cooper at (504) 841-2333 for additional information.

Attendee Information

Name: _____

Firm: _____

Address: _____

Work Phone: _____

Email: _____

Please make checks payable to ASHRAE New Orleans Chapter and mail registration form along with check to:

MCC Group
Attn: Michael Cooper – Engineering Dept
3001 17th Street
Metairie, LA 70002



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ASHRAE Research

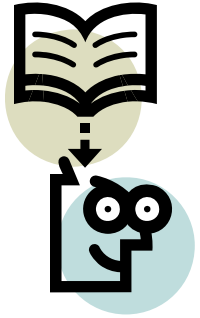
ASHRAE's mission is to advance the arts and sciences of HVAC&R to serve humanity and promote a sustainable world. ASHRAE's vision is that ASHRAE will be a global leader, the foremost source of technical and educational information, and the primary provider of professional growth in the arts and sciences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



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.



Past President Facts **New Orleans Chapter of ASHRAE**

George "Elmer" May was our first president. At that time, we were known as The American Society of Heating & Ventilation Engineering (ASH & VE). Although we don't have exact dates, our Society recognizes that our Chapter was officially chartered in 1939. It was not until December of 1958 when the chapter officially became The American Society of Heating, Refrigerating, and Air Conditioning Engineers after merging with ASRE (American Society of Refrigerating Engineers). The first president of the combined societies was Thomas Stokes.

Our chapter's second president, Cary B. Gamble, began a legacy of leadership which really guided our chapter during the early years of the New Orleans Chapter. Gamble's consulting engineering business was widely respected throughout the country. His firm was a pioneer and did many high profile jobs in the early days of air conditioning. He also encouraged participation in ASHRAE, and from his firm, they gave us the following presidents: Ralph Elizardi, William Martin, Jr., Thomas Stokes, Edward Sanford, Randy Lewis, Paul Coe, and Floyd Berlin. Tom Boudreaux, served as president while he was at Mechanical Construction Company, also worked at Cary Gamble.



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Since becoming an ASHRAE member in 1983, I have had the pleasure of working with several of our past presidents. Bill “Red” Martin (president in 1951-52) left Cary Gamble and in 1962, formed William B. Martin Consulting Engineers. In 1970, he joined Guillot, Sullivan, Vogt, & Martin. In 1977, he joined Gene Sullivan to become Sullivan and Martin. After, he formed Martin Engineers. He finished his career at the Mathes Group.

R. K. Goode (1957-58) founded one the leading rep agencies in the area, representing Barber Coleman in the air distribution and controls business for many years.

Edward Sanford (1960-61) also left Cary Gamble and formed his own firm called Sanford and Associates which practiced up until the mid 1980's until his death.

Randy Lewis (1962-63) had a very rich career which after leaving Cary Gamble, worked at Babst Mechanical, R.L. Mechanical and Johnson Controls until his death.

Harold Faller (1963-64) also had a very successful practice. His firm also spawned two future presidents – L. Rae Tinto (1973-74) and Jimmy Reuter (1989-90).

Paul Coe, Jr. (1964-65) was very influential and was responsible for the mechanical design of several of our high-rises downtown. He left Cary Gamble for a very successful career at Mechanical Construction Company. MCC also provided us with Scuddy Fontenelle, who was president in 1982-83, along with Tom Boudreaux in 1988-89.

David Levine was very active in our Society and would have been president of the Society had it not been for his untimely death in 1980. As a testament to the service he provided to our Society, the Region we belong to (Region VII) awards a plaque that bears his name to the chapter president who exhibits the best performance during the year. To my knowledge, we have won it three during the presidencies of Deborah Brandt (1997-98), Cliff Gillio (2000-01), and my presidency in 1996-97.

Frank Fisher, president in 1966-67, formed a rep agency called Fisher Engineering, which also gave us presidents such as Mason Foil, Steve Sulli, and Mark Scheuermann.

Earl Morrison had the honor of being President during the 1972 Winter Meeting, which also included a huge product show. This was quite an honor for our chapter. This honor was repeated in 1994, with Mary Jenkins as our president during that meeting. This meeting, once called the Semi-Annual Meeting was also held in New Orleans in 1964 and once prior to being known as ASHRAE (1958). Earl formed a manufacturer's rep agency called Gulf Coast Engineering in the 1980's, which also provided us Sid Shepard, president in 1981-82.

Waring Green served our chapter faithfully for many years after our presidency in 1976-77 as our chapter historian. In 1999, the Society recognized his career and accomplishments by awarding Waring the honor of becoming a Fellow in 1999. In 2003, he also received the 50 Year Distinguished Service Award presented by the Society.

Ernie Belmont (1977-78) recently passed away, but anyone who ever attended a meeting with him remembers the great invocations he always provided us. He was always a pleasure to have at our meetings.

Harold Flettrich, who was president in 1979-80, and one of his employees later became our first female president, Katty LaVassuer in 1990-91. She was the first of several which includes Mary Jenkins (1993-94), Deborah Brandt (1997-98), Heidi Gremillion (2001-02), Gina Hiatt (2003-04), and Lonnie Carver (2004-2005). One of Harold's other employees who served as president was Joe Riorda in 1978-79. Joe also worked at NOPSI, which also provided us Arthur Mott in 1985-86. NOPSI and Louisiana Power and Light later merged and formed Entergy, which provided us Walter Barnes as president in 1991-92, and Lonnie Carver in 2004-2005.

Louis Orth served as president in 1984-85, and was committee chair for student activities for many years. Louis was a professor at Tulane, and had the distinction of teaching several of our members and past presidents.

Alan Maddox was president in 1987-88. He formed a test and balance agency several years ago, and presently works with Siemens.



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When I joined the Society, Floyd Berlin was president (1983-84) and we had our regular meetings at Masson's at the Lakefront (near West End Café, where we had our executive committee meetings for several years).

We became concerned for a while as a chapter that we would put any restaurant out of business by our holding a meeting there. After Masson's closed, we met at Drago's (before they became famous for Char-Broiled Oysters) for a number of years (I remember Jimmy Reuter announcing during the meeting there that the World Series game had been postponed due to an earthquake- the same one which ravaged the San Francisco and the bay area). We met for a while at Smilie's. We met a few times at the Glass Garden in Metairie, which is now closed. We also met a couple of years at Stonebreaker's until its' demise. During my presidency, we met at Barreca's. Stonebreaker's was replaced by Mike Anderson's at the same location, where we met until it met the same fate. We met at the Steak Knife for nearly three years (recently flooded), until moving our meetings to Zeke's. We have been here at Carmine's since.

Frank Schambach was president in 1992, and after his presidency, was very active in Region VII, serving for several years as a Region VII Vice-Chair for Refrigeration. He was also the first committee chair to appear at an early morning Chapter Regional Conference Meeting with sunglasses! Besides being a recipient of the Chapter's Cary B. Gamble award in the early 1990's, he was also recognized by our Region with The Regional Award of Merit in 2000. The Society honored Frank with the Distinguished Service Award in 2003. During much of his time in ASHRAE, Frank worked at the University of New Orleans, where Harold Baur, our president in 2006-2008 presently works.

Our chapter has hosted three Chapter Regional Conferences since 1984. The first was held during the presidency of Floyd Berlin in 1984. It coincided with the World's Fair in 1984, and was co-chaired by Floyd and Tom Boudreaux. With the fair at the same time, it proved to be quite a challenge organizing, and it was nearly swapped with the hosting chapter the next year, but they were able to pull the event off. For his efforts, Floyd was awarded the Cary B. Gamble Award in 1985. In the 1990's we had the honor of hosting two Chapter Regional Conferences. In 1992 was co-chaired by Barry Schully (President in 1994-95) and Louis Braquet. The CRC was so successful, when the New Orleans Chapter was selected to have the CRC in 1999, Barry was asked to chair again with Dave Strawn (President in 1995-1996). Both events rallied the chapter and helped the chapter grow for several years subsequent to the meeting. As a result of the success of each CRC, Barry was awarded the Cary B. Gamble Award, which recognized outstanding service to the chapter in 1992 and 1999. Dave Strawn was awarded the Cary B. Gamble Award in 1999 for his contribution to the 1999 CRC. Barry and Dave were also recognized by Region VII; both were recipients of the Regional Award of Merit in 2001 and 2002 respectively. Besides Barry and Dave, one other member of Schully Strawn and Associates served as president, and that was me, who served as your president in 1996-97.

Dave Pieper (2002-03) revitalized our Delta Digest back in the old days when we still used paper and was recognized by our Region for having the best newsletter in 1997.

Several of our past presidents have spent part of their career working for Johnson Controls, including Charlie Stiegler (1998-99) and now with Trane and Jay Dlugos (2005-2006) now with Gallo Mechanical. Jay has had he unique experience that no other president has had – being the president of a chapter that ceased to exist after Hurricane Katrina. He and his Board of Governors deserve a great deal of credit for revitalizing the chapter after our membership was scattered after the storm.

Damien Serauskas (2007-2008), spent his early career with Moses Engineers and is presently is owner of Professional Engineering Services.

Our chapter has been very fortunate to have the leadership we have enjoyed. In attempting to give a brief overview of some to the accomplishments of our past presidents, the problem we create is overlooking the accomplishments of those we have not named, who gave up years of service to our chapter. For all those we have mentioned and for all those who we have missed, we thank you for the leadership you have provided for our chapters existence and growth. It is our hope that you will pass along the contributions of those not named so they too can be recognized for what they did.

Submitted by Buddy Hodge, originally written May 2004, revised May 2006 and May 2008.



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Advertise your business for the entire 2008 – 2009 ASHRAE year !!!

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 Stuart Feilden @ Stuart.P.Feilden@honeywell.com or 504-427-4505.
Checks should be made to ASHRAE Research.



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Advertisements

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STUART FEILDEN - EDITOR

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