



**FORT WORTH CHAPTER  
AMERICAN SOCIETY OF HEATING, REFRIGERATING AND  
AIR CONDITIONING ENGINEERS**

**FORT WORTH**



[www.ashrae-ftw.org](http://www.ashrae-ftw.org)

APRIL 2008



**T  
H  
E**

**T  
H  
E  
R  
M**

**MONTHLY MEETING**

April 16, 2008

Petroleum Club

39<sup>th</sup> Floor

10:30 a.m. BOG

11:45 a.m. Lunch

12:15 p.m. Program

**PROGRAM**

*Richard J. Watters, P.E.  
Program Chairman*

**Jami Billman**

**“Introduction to Variable  
Refrigerant Flow Technology”**

Developed in Japan in 1982, Variable Refrigerant Technology has been widely used in the global market and provides an alternative method to traditional systems for comfort cooling and heating applications.

The VRF system is a Direct Expansion System with the ability to connect multiple indoor units to a single outdoor unit.

*Please R.S.V.P. to  
Rick O'Connor  
972/789-3420*

**THE SPEAKER**

Jami Billman, Outside Sales Engineer for Daikin AC (Americas), Inc. has been in the HVAC industry since 2004. She attended college at Purdue University in West Lafayette, Indiana from 1999 until 2003 and holds a Bachelor of Science degree in Industrial Engineering with a minor in Business Management. Upon completion of her undergraduate studies, Jami began working in the service division of Johnson Controls, Inc. with a focus in operations and service sales. She later decided to concentrate on service sales and moved into a representative position with York International covering the Downtown Dallas commercial market. Jami joined Daikin's team in October of 2006; her main role is to provide technical and applications support for Texas Air Systems, Inc. and the north Texas market.

## PRESIDENT'S MESSAGE

*Rick O'Connor*



Greetings,

I would like to thank everyone for attending the meeting last month. We have had a great year for attendance and I look forward to seeing everyone at our meeting on April 16<sup>th</sup>. We would like to again thank Timothy McNulty of Exhaust Texas for his informative presentation.

I am extending an invitation to everyone to our first annual "Cinco de Mayo Golf Fiesta" Spring Golf Tournament on 5-5-2008 being held at Waterchase in Arlington. Jay Sullivan will be coordinator for this event and remember, **all proceeds will be benefiting ASHRAE Research.**

I thank everyone for helping our ASHRAE research drive this year. Through our events and seminars and personal donations we will meet our goal. The Fort Worth Chapter made a donation to ASHRAE Research in the amount of \$5,000. At this time we have \$19,425.00 **Anyone who may have monies going toward research please bring to the Chapter meeting next week. If you cannot attend, please get the money to Sid Ellis NO LATER THAN April 18 so as to have an accurate account for CRC.**

The May meeting will be our last meeting this chapter year at the Petroleum Club. June will be the Past Presidents Night and installation of Chapter Officers and Board of Governors to begin the new chapter year on August 20, 2008 to be held at Los Vaqueros.

### Just a reminder of the chapter schedule:

- **April, 16**
  - **Chapter Meeting, Petroleum Club 39<sup>th</sup> floor.**
- **April 24 thru the 26th**
  - **CRC in Shreveport.**
- **May 21**
  - **Last regular Chapter meeting.**
- **June (to be decided)**
  - **Past President's Night/Installation of New Officers.**

Please visit the Fort Worth Chapter website at <http://www.ashrae-ftw.org/> for a variety of useful information such as current and past newsletters, monthly meeting schedule and links to other chapters.

Respectfully,

Rick O'Connor  
Chapter President

## TREASURER'S REPORT

*Ian Bost, Treasurer*

Members	48
Guests	7
<b>Total:</b>	<b>55</b>
Starting Balance	<b>\$13,527.95</b>
Deposits:	
Air Systems Design Seminar	825.00
February Luncheon - C&B	280.00
December Dues	210.00
January Dues	585.00
<b>Subtotal:</b>	<b><u>\$ 1,900.00</u></b>
Payments:	
N.Tx. Future City Competition	100.00
Research - Chapter Contribution	5,000.00
<b>Subtotal:</b>	<b><u>\$5,100.00</u></b>
<b>New Balance as of 3/19/2008</b>	<b><u>\$10,327.95</u></b>

# BOARD OF GOVERNORS MEETING

March 19, 2008

Jay Martin, Secretary

**Attendees:** David James, Jay Martin, Ian Bost, Sid Ellis, Les Brown, Garrett Brown, Tony Finch, Don Hardin, Jay Sullivan, and Dan Merkel.

Meeting called to order at 10:45 am by David James, Chapter President-Elect.

## Reports:

**President-Elect (David James):** Call from Mike Middleton offered to help promote CRC because we only have 9 members from our chapter signed up to attend. The deadline to get into the hotel at the reduced rate is 3/24. All incoming officers and committee chairman should attend.

**Secretary (Jay Martin):** No report.

**Treasurer (Ian Bost):** Our current balance is \$15,327.95. We donated \$100 to the National Society of Black Engineers (NSBE) to support their wine tasting scholarship fundraiser event.

**Board of Governors (Cody Pace, NIA):** No report.

**Board of Governors (Sid Ellis):** We need to release our returns from the golf tournament (\$4,119.70) prior to CRC. Sid Ellis made a motion to donate an additional \$5,000 extra to Society research out of our operating budget, after discussion it was seconded by Jay Martin and it passed.

**Board of Governors (Les Brown):** No report.

## **Committee Chairs:**

**Membership Promotion (Garrett Brown):** We had 19 members attend the Air-Side Fundamentals course. Of those, 7 were new members. We will tally up the money raised for research by the next meeting.

**Student Activities (Tony Finch):** The students are 3 weeks away from submitting on the design competition.

**Chapter Technology Transfer (Richard Watters, NIA):** No report.

**Research Promotion (Sid Ellis):** Gerald Maloney donated \$500 to ASHRAE research. Our research promotion phone drive has been successful, we have raised about \$7,000 so far.

**Refrigeration (Richard Long, NIA):** No report.

**Honors & Awards (Don Hardin):** Art Giesler will receive the Distinguished Service Award at the Society meeting in Salt Lake City.

**Newsletter (David James):** We have a new newsletter format. Please provide feedback if you have any comments.

**Webmaster (John Rhodes, NIA):** No report.

**Historian (Dan Merkel):** The interview video that we tried to compile at the 3/11 meeting did not come out clear enough to show at CRC. We may try to do it again at the Past Presidents night later this year. We need to have an officer sign the form to obtain a library card for our Chapter history. David James will sign on behalf of the Chapter.

**Special Events (Jay Sullivan):** We have put our deposit down for the Spring golf tournament and we have sign-up forms available today. We will begin drumming up support for hole sponsorship. Info is available on the website.

**Special Events (W.O. Kelly, NIA):** No report.

## Old Business:

- We will have our first ever "Cinco de Mayo Golf Fiesta" Spring Golf Tournament on Monday 5/5/08. It will be held at Waterchase in Arlington.
- Saturday January 24, 2009, 6:00pm will be the Winter Party for next year.

## New Business:

- The Nominating Committee (David James, Buddy Pace, Larry Akers, and D.W. Gipson) met on 3/14 to make the following recommendations for Chapter Officers for the 2008-2009 Chapter year:
  - President: David James
  - President-Elect: Jay Martin
  - Secretary: Ian Bost
  - Treasurer: Richard Watters
  - BOG: Rick O'Connor
  - BOG: Tony Finch
  - BOG: Doug Hayes
- We need to make arrangements for the Past President's night in June.
- A spring sporting clays tournament is being planned for sometime in the next month or so at Alpine.
- We have 7 members up for the Chapter Service Awards:
  - Larry Akers
  - Gary Fields
  - Emil Friberg
  - D.W. Gipson
  - W.O. Kelly
  - Buddy Pace
  - Cody Pace

President-Elect David James adjourned the meeting at 11:05 am.

# CHAPTER MEETING MINUTES

March 19, 2008

Ian Bost, Secretary

Meeting Called to order at 12:00 pm by David James, Chapter President-Elect.

- David James, Chapter President-Elect, presiding. David welcomed everyone with (48) members and (7) guests present.
- Ian Bost, Treasurer, introduced guests.
- Members did self introductions.

## New Business:

- A motion to approve the meeting minutes for last month was made, seconded and passed a vote of the chapter.
- CRC is coming up at the end of April – please look at our website (<http://www.ashrae-ftw.org/>) for more information. The primary hotel (Hilton) preferred rate is only available until 3/24, so book your trip soon. The event is well worth the trip, as there is a lot of training sessions, business meetings, and fellowship with the other Chapters of our Region.
- Jay Sullivan handed out flyers for the first annual “Cinco de Mayo Golf Fiesta” for Monday May 5<sup>th</sup>. The tournament will be held at Waterchase in Arlington at 11:30am. Check our website for details.
- The Chapter will be donating \$5,000 to ASHRAE Research.
- Don Hardin announced 7 Nominees for the Chapter Service Award:
  - Larry Akers
  - Gary Fields
  - Emil Friberg
  - D. W. Gipson
  - W.O. Kelly
  - Buddy Pace
  - Cody Pace

Art Giesler will be awarded the Distinguished Service Award at the Society meeting in Salt Lake City. Don Hardin will be awarded the 50 Year Service Award at the same meeting. Congratulations to all of our well-deserving members!

- Buddy Pace spoke on behalf of the Nominating Committee. Nominations for Chapter Officers for the 2008-2009 operating year are as follows:
  - BOG: Rick O’Connor
  - BOG: Tony Finch
  - BOG: Doug Hayes
  - President: David James
  - President-Elect: Jay Martin
  - Secretary: Ian Bost
  - Treasurer: Richard Watters

No further nominations were made by the membership. W.O. Kelly motioned to close the nomination period, it was seconded by D.W. Gipson.

The chapter then voted to close the nomination period. The Officers were installed following a subsequent vote by the membership.

## Technical Session Minutes:

Jay Martin introduced our speaker:

Speaker: Mr. Timothy McNulty

Program: Proper Ventilation of Gas Fired Heating Appliances

## Synopsis:

The presentation focused on the different heating appliance categories and design considerations for properly venting gas-fired equipment. A special focus was given to category IV appliances such as high-efficiency condensing water heaters and how they can benefit from fan-assisted flue installations. Also discussed were some common code violations for combustion air supplies.

## Closing:

Following the technical presentation we viewed a short promotional video for the upcoming CRC provided by the host chapter.

David James adjourned the meeting at 12:45 pm.

## CHAPTER OFFICERS/COMMITTEE CHAIRS

If you have questions or want to share your comments about your Chapter please feel free to contact one of your chapter officers.

### PRINT THIS PAGE FOR QUICK REFERENCE

#### President

Rick O'Connor

972/789-3420

[rick.o.connor@carrier.utc.com](mailto:rick.o.connor@carrier.utc.com)

#### President-Elect

David James

817/921-5434

[djames@haroldjames.com](mailto:djames@haroldjames.com)

#### Secretary

Jay W. Martin

817/735-6756

[Jay.martin@c-b.com](mailto:Jay.martin@c-b.com)

#### Treasurer

Ian Bost

817/-338-1277

[ibost@bhbinc.com](mailto:ibost@bhbinc.com)

#### Board of Governors

Sid Ellis

972/206-2590

[sellis@enviromaticsystems.com](mailto:sellis@enviromaticsystems.com)

#### Board of Governors

Cody Pace

817/338-1277

[cody.pace@mail.ashrae.org](mailto:cody.pace@mail.ashrae.org)

#### Board of Governors

Les Brown

817/338-1277

[lbrown@bhbinc.com](mailto:lbrown@bhbinc.com)

#### Attendance

Rick O'Connor

972/789-3420

[rick.o.connor@carrier.utc.com](mailto:rick.o.connor@carrier.utc.com)

#### Student Activities

Tony Finch

817/281-6165

[tonyf@texasairsystems.com](mailto:tonyf@texasairsystems.com)

#### CTTC

Richard Watters

817/338-1277

[rwatters@bhbinc.com](mailto:rwatters@bhbinc.com)

#### Historian

Dan Merkel

817/838-4307

[dan.merkel@carrier.utc.com](mailto:dan.merkel@carrier.utc.com)

#### Membership

Garrett Brown

817/878-4242

[gsb@summitmep.com](mailto:gsb@summitmep.com)

#### Research Promotion

Sid Ellis

972/206-2590

[sellis@enviromataicsystems.com](mailto:sellis@enviromataicsystems.com)

#### Newsletter Editor

David James

817/921-5434

[djames@haroldjames.com](mailto:djames@haroldjames.com)

#### Refrigeration

Richard Long

817/878-4242

[rjdklong@juno.com](mailto:rjdklong@juno.com)

#### Honors and Awards

Don Hardin

817/292-6904

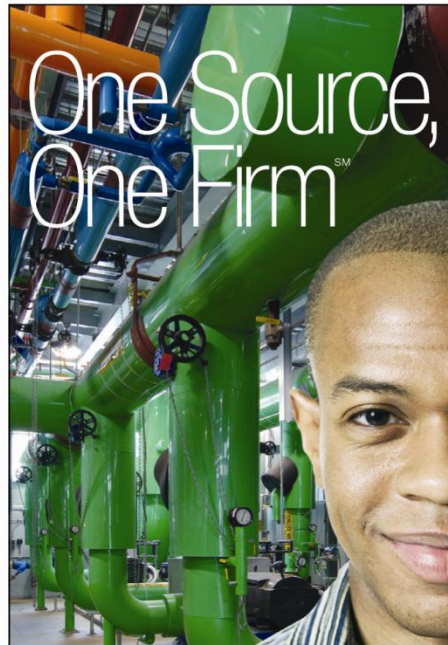
[dchardin@swbell.net](mailto:dchardin@swbell.net)

#### Webmaster

John Rhodes

682/687-7655

[jrhodes@aisd.net](mailto:jrhodes@aisd.net)



**ENGINEERS / ARCHITECTS**

Do people make the place?  
Our people do. Join our  
nationally recognized team of  
talented professionals and see  
what is possible.

**[www.c-b.com/careers](http://www.c-b.com/careers)**

Immediate opportunities  
available in our Fort Worth office  
for senior engineers, project  
managers, and mechanical EITs  
for energy, power and HVAC  
projects. Project types include  
design/studies for higher ed,  
federal, healthcare, airport,  
central plants and cogeneration  
facilities. Compensation/benefits  
include medical, dental, vision,  
life and 401(k).



Transportation | Buildings | Survey  
Urban Design/Planning | Environmental  
Water Infrastructure | Land Development

An Equal Opportunity Employer.  
Offices Nationwide. Full Service

BUSINESS OPPORTUNITIES

# From the EDITOR

\*\* Dan Merkel, Chapter Historian has a presentation of the history of the Fort Worth Chapter covering the past 50 years and can be seen at CRC in Shreveport. For those who will not be going to Shreveport he will be showing this presentation on the night of the Past President's/Installation of Officers. He also has pictures that can be viewed of this years' "Winter Party" and "Golf Tournament".

\*\* We are aware of a web broadcast that is the same date and time of our Chapter meeting this month. For those who may miss the broadcast due to attending the meeting or other reasons; the broadcasts is being recorded and will be available for those interested within the next couple of weeks. A date and time will be announced at the Chapter meeting.



David James  
3240 Bryan Avenue  
Fort Worth, Texas 76110