



The Squirrel Cage

Alamo Chapter #65

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Alamo Chapter #65



FIRST ANNUAL

FALL

GOLF CLASSIC

November 7, 2008

Inside this issue:

Presidents Message	1
Board of Governors Meeting Minutes	2
Treasurers Report	
Calendar and Events	3
September Meeting Information	4
ASHRAE New Guidance on Commissioning Process	5
Officers / Board of Governors & Committee Chairs	6
May Attendance	
ASHRAE First Annual Fall Golf Classic	7-8

Alamo ASHRAE President's Message

Well, our kick-off meeting is just around the corner. I hope to see every ASHRAE member there including many more non-members that plan to join us and sign up. Hat's off to Martin Thomas for setting up this venue. We had a great turn-out last year and looks like we'll have a better one this year. Remember that spouses and significant others are welcomed to attend.

All kinds of exciting things are happening this year. Let's see...Michael Phelps has more Olympic gold medals than anyone, Rackspace has gone public, they found Bigfoot in Georgia, Madonna is turning 50, fuel prices are actually coming down, Disneyland is in chaos, we get a new and hopefully improved President, the dollar is making a comeback, laptops don't have to be removed at airport if placed in check-point friendly bags, and Pluto still has an identity crisis. With all that said, it seems difficult to keep up with it all, or at least whatever makes CNN.

O.k., as far as ASHRAE is concerned, we have all but one program meeting scheduled. Thanks to Rocky for taking this bull by the horns.

James Drewry and Fred Gleeson are developing the education classes for fall and spring. Be on the look-out for these and other developments in upcoming newsletters and on our website. Get your students ready!

Matt Koch is working with Scott Wells in adding the directory to the website.

As you will see, we are having our First Annual ASHRAE Fall Golf Classic on November 7th. Thanks to Mike Herman with Mechanical Reps for taking the reins on this. Our membership has done very well in support of ASHRAE Research in the spring tournament, so it stands to reason that we should try to do the same in the fall. The weather should be cool and the golf course should be great.

Today, ASHRAE funds over \$2.5 million in research annually. Research priorities are guided by ASHRAE's Research Strategic Plan, developed every 5 years by the Research Advisory Panel (RAP) with broad input from the membership. Most of the input has been obtained via online surveys. Go online and take the quick survey yourself.

See you at the Kick-Off!
Be There!

Al Garza, PE, MBA
ASHRAE PRESIDENT



Board of Governors Meeting Minutes

Alamo ASHRAE Chapter

BOG Minutes – August 6, 2008

Attendees:

Al Garza, PE – President	Rocky Ormand – Technology Transfer Committee Chair
Chris Garcia, PE – Secretary, Membership Promotion	James Drewry, PE – Research Promotion Committee Chair
Jennifer King, PE – Treasurer	Martin Thomas – Governor
Manuel Lizcano, PE – BOG, Historian	Woody Thompson – Student Activities Chair

Agenda Topics:

Financials

Accounting has been transferred to Jennifer King. We still need to get the bank signature cards updated.

Website

The Alamo ASHRAE website has been updated. Matt Koch is will work with Scott Wells to try and add the directory to the website. He is also trying to find a way in which membership can update their ads online.

Kick-Off Meeting

We discussed the format of the kick-off meeting and agreed that spouses and significant others are welcomed.

Fall and Spring Education Courses

James Drewry will be the spearhead on this and will get the courses put together. He is currently working on the details with Fred Gleeson.

Programs

Rocky Ormand has setup all but one program meeting. We discussed bringing ASHRAE President, Bill Harrison, down here for the June meeting. His attendance is pending.

Fall Golf Classic

The board has voted in the affirmative to produce the First Annual ASHRAE Fall Golf Classic. Mike Herman is the spearhead for this effort.

Adjourned

Treasurers Report

The balance as of August 12, 2008 is as follows:

Checking:	\$8,099.43
Money Market:	\$8,076.38
Petty Cash:	\$250.00
Total Assets:	\$16,425.81

As Reported by Jennifer King, Treasurer



August 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28 Kick Off	29	30

Schedule of Events

- 8/28
ASHRAE Kick Off Mtg.
Bass Pro Shops
4:00 PM - 7:00 PM

Future Meetings & Events

2008

- AUGUST 28TH** ASHRAE KICK OFF MEETING AT BASS PRO SHOPS
- SEPTEMBER 16TH** ASHRAE MEETING—FORREST FENCL, UV RESOURCES ON UV LIGHTS, DISTINGUISHED LECTURER
- OCTOBER 21ST** ASHRAE MEETING— USGBC SPEAKER ON LEED
- NOVEMBER 18TH** ASHRAE MEETING—STEVEN ARCHER, CLEARY ZIMMERMAN ON COMMISSIONING
- DECEMBER** SKIP

2009

- JANUARY 20TH** ASHRAE MEETING—BOB NELSON, CPS ON SUSTAINABLE ENERGY—WIND
- FEBRUARY 17TH** ASHRAE MEETING—BOB GLEESON, AUTOMATED LOGIC ON CONTROLS
- MARCH 17TH** ASHRAE MEETING—RAYMOND TESKE III, PROFESSOR FROM UTSA ON ETHICS
- APRIL 21ST** ASHRAE MEETING—JULIAN DE BULLET, MCQUAY, ASHRAE DISTINGUISHED LECTURER ON SCHOOL DESIGN
- MAY 19TH** ASHRAE MEETING—MIKE KLUCK, GREENHECK ON SMOKE/FIRE DAMPERS AND BARRIERS
- JUNE 16TH** ASHRAE MEETING—TBD

ASHRAE MEETINGS - Oak Hills Country Club | 1:30 am—1:00 pm

5403 Fredericksburg Road,

Cost \$20.00 with reservation \$25.00 without

Please RSVP to Rezaur@esaengineers.net by the Thursday before each meeting

SPEAKER:

Forrest Fencil

▶ Oak Hills Country Club

Ultraviolet - "Green" Energy In The "C" Band

Ultraviolet - "Green" Energy In The "C" Band. The ¼ Micron Wavelength, and Its Ability to Sustain Coil Efficiency and Good IEQ

A review of A/C system evolution relative to equipment, operation, materials, maintenance and utilization; and a discussion of how these aspects have contributed to capacity, maintenance, and IAQ issues. More important, how UV-C's green energy is used as an engineering strategy, to become part of A/C system "sustainability".

Bio:

Forrest Fencil started his HVACR career in R&D and engineering and in 1995 he launched Steril-Aire where he pioneered the modern application of UVC energy for the HVACR industry. He's helped other companies do the same thing, and became instrumental in ASHRAE's new UV-C Chapter 16 in the 2008 HVAC Systems & Equipment handbook. He's authored or co-authored over sixteen UV patents, numerous papers and articles from bio-remediation of microbe related bad IAQ, to microbial issues in food and pharmaceutical product processing, and to bio-warfare agent protection, together with (Federal) Homeland Security. He is a Member and Distinguished Lecturer for ASHRAE, a member of the Illumination Engineering Society, and serves on many relevant technical committees.

Meeting Sponsor

Heat Transfer Solutions, Inc.

ASHRAE Publishes New Guidance on Commissioning Process



ATLANTA – Specific tasks to successfully implement the commissioning process for HVAC&R systems and assemblies are featured in a new guideline from ASHRAE.

ASHRAE Guideline 1.1, *HVAC&R Technical Requirements for the Commissioning Process*, describes the technical requirements for the application of the commissioning process described in ASHRAE Guideline 0-2005 that will verify that the HVAC&R systems achieve the owner's project requirements.

“The quality-oriented process outlined in the guideline provides improved quality and greater cost effectiveness compared to commissioning as currently practiced by many commissioning providers,” Walter Grondzik, secretary of the committee that wrote the guideline, said. “One problem with the current practice is that 100 percent checking is performed during the construction phase of the project delivery process, and this checking usually focuses on limited or targeted systems. Quality-based sampling is not used, and so the current approach has limited quality-based random inspection procedures.”

The guideline contains more than 100 pages of annexes, providing concrete examples of forms and documents to assist the commissioning team and owners in their efforts to deliver quality buildings that meet the owner's project requirements. Twenty-five sample checklists, covering pre-design, design and construction, are included along with a sample owner's project requirements verification test procedure.

The cost of ASHRAE Guideline 1.1, *HVAC&R Technical Requirements for the Commissioning Process*, is \$69 (\$55, ASHRAE members).

To order, contact ASHRAE Customer Service at 1-800-527-4723 (United States and Canada) or 404-636-8400 (worldwide) or visit at www.ashrae.org/bookstore.

SIDEBAR

Why should you use the commissioning process? Commissioning a building (and systems within a building) helps ensure that:

- The owner's project requirements are complete, feasible and well-documented;
- The design team's solutions adequately address the owner's requirements;
- Construction is complete and of appropriate quality;
- The owner receives the training and project documentation to successfully operate the project;
- The many players in the project acquisition process can cooperate for the common good.



2008-2009

Officers
Board of Governors
Committee Chairs



OFFICERS

President

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REVISED MEETING ATTENDANCE

May 2008

RE-Printed as given by Rezaur Rahman on 8/11/08

Al Garza	Aaron Humphries	Mark Sauage	Martin Thomas
Bryan Allen	Brad Bright	Paul Deltz	Paul Goodman
Bill Champine	Bob Gleeson	Paul Naizer	Paul Mitchell
Bruce Smith	Bob Schrader	Rene Colunga	Ray Dunn
Bill Wurzbach	Chip Drewry	Robert Hambright	Rob McNicol
Christopher Garcia	Chris Miller	Rocky Ormand	Richard Powell
Clifford Tilbury	Dick Grant	Rezaur Rahman	Richard Tarrillion
David Kam	Dagoberto Rodriguez	Sam Harper	Steven Huck
Eric Ireton	Fred Gleeson	Stephen Mitchell	Sid Mikelbank
Gene Raanes	Golda Weir	Sharon Robert	Scott Wells
John Faultersack	John Freund	Tim Champine	Todd W. Keener
Jennifer King	Joseph Reynolds	Travis McLeod	Thomas McLaughlin
Jeff Tabb	Kenner Coon	Thomas Powell	Terry Townsend
Kenton Hammond	Luis Macgregor	Walter Gleye	Waylon Sodd
Mario Mijhagos	Mark Mattern	Woody Thompson	Wilson Terrell Jr.
Mark Pickett	Mark Stehney		



The First Annual Fall Golf Classic 2008
Benefiting ASHRAE Research!

Alamo ASHRAE Chapter
 American Society of Heating Refrigerating & Air Conditioning Engineers



Tournament Date:
Friday - November 7th

Canyon Springs Golf Club
 Check-in: 11:00 AM (Dinner Provided)
 Start: 12:00 PM Shot Gun Start
 Entry Fee: \$100 per player

	Player Name	Company	Ph#	Fax#	Avg. Score Or Handicap
1.	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____

***Make \$100.00 per player entry fee checks payable to: Alamo ASHRAE Chapter**

*Mail entry form with check to:

Michael Hermann
 C/O Mechanical Reps, Inc.
 4710 Perrin Creek, Suite 100
 San Antonio, TX 78217

Phone: 210-650-9005
 Fax: 210-590-1645

Enter as an entire team, partial team, or individual (The golf committee will form teams from partial teams or individuals).
 Please indicate accurate average score on entry form for fair play. We keep records from prior years!
 Limited to the first 144 players. Entries requested **by November 1** (prefer before, for proper tournament preparation).
 Open to all engineers, owners, contractors, manufacturers reps, wholesalers, clients and associates, industry friends,
 and avid golfers (male & female)!

Sponsorship Opportunities for the *First Annual* **Fall Golf Classic 2008**
Benefiting ASHRAE Research!
Canyon Springs Golf Club

Tournament Date: Friday – November 7th

- “PLATINUM” Sponsorship \$2,500 (One Platinum Sponsorship Available)**
This sponsorship is the best way to play in the tournament and show that you support Alamo ASHRAE and ASHRAE Research!
It includes:
Entry for **four** golfers to the tournament (\$400 value)
Company name highlighted on our Master Sponsorship Sign (Largest Sponsorship Font)
Company name displayed on beverage cart sign
Sponsorship highlighted with Full Page ‘Letter of Appreciation’ in the Squirrel Cage ASHRAE newsletter
Recognition during announcements prior to the tourney, and during our tourney awards ceremony
Recognition in next year’s Chapter Roster/Product Directory
- “GOLD” Sponsorship \$1,000 (Four Gold Sponsorships Available)**
This sponsorship is the best way to play in the tournament and show that you support Alamo ASHRAE and ASHRAE Research!
It includes:
Entry for **four** golfers to the tournament (\$400 value)
Company name highlighted on our Master Sponsorship Sign
Company name displayed on beverage cart sign
Sponsorship highlighted in the Squirrel Cage ASHRAE newsletter
Recognition during announcements prior to the tourney, and during our tourney awards ceremony
Recognition in next year’s Chapter Roster/Product Directory
- “SILVER” Sponsorship \$500 (Twelve Silver Sponsorships Available)**
This sponsorship is an excellent way for your company to support the ASHRAE RESEARCH campaign, and still play!
It includes:
Entry for **one** golfer to the tournament (\$100 Value)
Company name highlighted on our Master Sponsorship Sign
Sponsorship highlighted in the Squirrel Cage ASHRAE newsletter
Recognition during our tourney awards ceremony
Recognition in next year’s Chapter Roster/Product Directory
- “Driving Range” Sponsorship \$200 (Multiple Sponsorships Available)**
Everyone needs practice! Display your company name where people are sure to spend a lot of time.
They will also know that you support Alamo ASHRAE and ASHRAE Research!
Company name displayed on the driving range hitting area (where they will be sure to notice you!)
Sponsorship recognized in the Squirrel Cage ASHRAE newsletter
Recognition in next year’s Chapter Roster/Product Directory
- “Tee Box / Green” Sponsor \$100 (Many Sponsorships Available)**
It gets you on the course where the action is! Have your company name displayed on some of the most exciting and challenging golf holes in San Antonio. Everyone will know that you support the Alamo ASHRAE Chapter and ASHRAE Research!
Company name proudly displayed on the tee box of one of the famous holes at Canyon Springs Golf Club
Sponsorship recognized in the Squirrel Cage ASHRAE newsletter
Recognition in next year’s Chapter Roster/Product Directory

Mail a Check with Form (payable to Alamo ASHRAE Chapter) to:

Michael Hermann
C/O **Mechanical Reps, Inc.**
4710 Perrin Creek, Suite 100
San Antonio, TX 78217
Phone:210-650-9005 Fax:210-590-1645