



Giga-Joule

Greenville Chapter

May, 2009

<http://www.ashrae4greenville.com/newsletter.php>

Meeting Announcement

The May meeting will be held on Thursday, May 14th at the Thomas Creek Brewery. The details are listed on the Programs Page. For more information, please contact our Programs Chairman, Davin Sandhu, by phone at 864-234-3819 or, email at programs@ashrae4greenville.com

A Message from the President

I would like to thank Manuel del Valle, Sr. for his presentation this past month. Our next meeting will be at the Thomas Creek Brewery at 4:00 on Thursday, May 14th.

If anyone has any suggestions or comments about any programs that they would like to see, please let someone on the Board know and we will see what we can do to make it happen. I look forward to seeing all of you on Thursday, May 14th.



I want to remind everyone of the golf tournament this month on May 21st at Bonnie Brae at 12:00. See the ad for the tournament on the website or attached to the newsletter.

We also need to vote on elections for the Board of Governors for our chapter. Here are the nominations,

Davin Sandhu – President
Brian Alexy – Programs Chair
Manuel del Valle, Jr. – Research Promotions
Dorothy Bertolini – Membership Promotion
Hamp Crow – Student Chair
Devon Cortright – Chapter Technology Transfer Chair
Paul Jensen – Historian/ Governor
Bill Knight – Governor
Carroll Suttles – Governor
Rodney Hinton – Treasurer
Will Thomason – Vice-President
Karl Counts – Webmaster

If you know of any other nominations, please contact myself or one of the Board of Governors by the next meeting.

Best regards,

Will Thomason
Greenville ASHRAE President
president@ashrae4greenville.com

Chapter Programs



Davin Sandhu
Programs Chairman
programs@ashrae4greenville.com

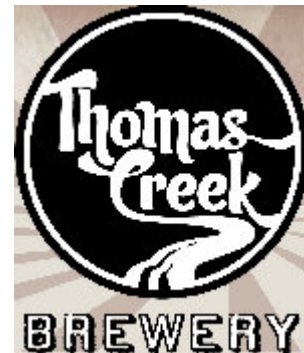
Last month Mr. Manuel A. del Valle, Sr. gave a presentation on High-Rise Building HVAC Design Guide. I thought it was a great presentation and well received by all.

This month is our last program meeting before we go into our break over the summer. We will not meet again until September. This program will be held at Thomas Creek Brewery. The program will consist of a tour and description of the refrigeration system involved in brewing beer. Afterwards we will get together for a small social and taste some beers!! Let's make this last meeting a fun one! Please note that you do not have to have any beers to have fun!

April Meeting

Program: Refrigeration System at a Thomas Creek Brewery

Presenter: Tom Davis – Master Brewer



Thomas Creek Brewery is situated in the heart of Upstate South Carolina, creating a tasty array of great microbrews. From ales to lagers, Thomas Creek uses only the finest American barley, hops and yeast. They have an assortment of 8 standard and seasonal beers. Master Brewer Tom Davis is nearly constantly brewing to meet customer demand.

The brewery started in 1998, with Tom Davis winning the hearts and taste buds of people all over the Southeast. His goal is to make the finest hand crafted beer, and to please every beer lover that tries a Thomas Creek brew.

Tom Davis' father and General Manager, Bill Davis, designed the building. Tom Davis designed and fitted out the entire process. Tom will take our group on a tour of the facility describing the process of making beer and how refrigeration plays an important part. He will be open to any questions on the process so please come prepared. If you so desire, we will be able to taste the different types of beers that Thomas Creek has to offer.

Since this is our last program before Summer, please come out and enjoy a tour with us.

Please be warned that Bill Davis is an Architect. I know how we all like people in this profession.

Location: Thomas Creek Brewery
2054 Piedmont Highway
Greenville, SC 29605

Date: Thursday, May 14, 2009

Time: 4:00 p.m. Doors Open
4:15 p.m. Chapter Business
4:30 p.m. to 5:30 p.m. Main Program – Facility Tour (followed by beer tasting)

Cost: **Program:** Free/chapter member \$5/non-chapter member

Education Credit: This program qualifies for 1.0 PDH (including NC PE)

*Please RSVP to programs@ashrae4greenville.com
no later than Noon Tuesday, May 12, 2009*

****ASHRAE – Greenville Chapter is not providing or distributing alcoholic drinks to its members. The members can partake in the beer tasting of their own accord and see that they have a safe ride home. ****

Chapter Technology Transfer

Technology Awards

As we come to the end of the fiscal year, once again I am begging for entrants in the Technology Awards program. Technology Awards highlight project with sustainability, or an unusual application of technology. It is not difficult to enter on the local or regional level and it can generate some recognition and publicity for your firm and your project. Forms and examples of completed forms are available at:

www.ashrae.org/technologyawards

Submissions are due by the end of May and are judged during the conference in August.



Devon Cortright PE
Chapter Technology
Transfer Chairman
ctt@ashrae4greenville.com

Recovery Funds & ASHRAE

ASHRAE has assembled some documents for those looking for a portion of the economic recovery funds. An ASHRAE Member's Guide to Recovery Funding provides information on the American Recovery and Reinvestment Act, areas of funding, resources available and tips for engaging state and local decision makers.

Energy Efficiency in Schools, Smart Investments of Recovery Funding provides information targeted to school administrators and state recovery fund managers to encourage investment in energy efficient schools. The documents can be accessed via the following link.

www.ashrae.org/recovery

Commercial Real Estate Energy Alliance

This is a piece of information stolen from the "Pipeline", the ASPE newsletter. The U.S. Department of Energy recently launched the Commercial Real Estate Energy Alliance (CREEA), a collaboration of commercial real estate owners and operators who will work with DOE to reduce energy consumption by commercial buildings. The website provides links to various guides and some free software tools.

<http://www1.eere.energy.gov/buildings/commercial/>

Research Promotion

Check out the ASHRAE Golf Tournament flyer attached to this newsletter. Come on out and play!

If your company would like to be a sponsor, please e-mail me.



Brian Alexy
Research Chairman
rp@ashrae4greenville.com

Tentative Event Dates for 2008-2009

Thursday 09/11/2008	Seismic design of pumps	Harry King James M. Pleasants
Thursday 10/09/2008	100% DX-DOAS Control Strategy	Jeffrey Hughes Desert Aire Corp.
Thursday 10/23/2008	Fall Golf Tournament	Verdae
Thursday 11/13/2008	Mediation and Arbitration	Skip Lewis H2L Consulting Engineers
Thursday 12/11/2008	LEED Presentation at QS-1	Lee Chapman, Devita & Assoc. Wade Crow, Wade Crow Engr.
Thursday 01/08/2009	Pressure Independent Control Valves – Why you need them	Chris Edmondson
Wednesday 02/11/2009	Issues for International Collaboration OR Air Flow, Thermal and Humidity Patterns in Ventilated Archaeological Tombs, Valley of the Kings, Luxor	Cairo Distinguished Lecturer Essam Eldin Khalil, Ph.D
Thursday 03/12/2009	Field Erected Cooling Towers	Frank Bowman CCS
Tuesday 04/14/2009	Joint meeting with Mechanical Contractors Association (MCA)	Location: GM Mechanical
Thursday 04/16/2009	High-Rise Building HVAC Design Guide	Distinguished Lecturer Manuel A. del Valle, P.E.
Wednesday 04/22/2009	Satellite Broadcast: Indoor Air Quality	
Thursday 05/14/2009	Thomas Creek Brewery Tour – Refrigeration Process	Bill Davis – General Manager



ASHRAE
Technology for a Better Environment

Region IV
Greenville Chapter

ASHRAE SPRING 2009 GOLF TOURNAMENT & COOK-OUT

WHERE: BONNIE BRAE GOLF CLUB

1116 Ashmore Bridge Rd., Greenville, SC, (864) 277-9838

WHEN: THURSDAY, MAY 21ST

**GOLF: SHOTGUN START AT 12:00 PM
DINNER: LOW COUNTRY BOIL AT 5:00 PM**

COST

Golf & Dinner - \$65 / player or \$250 / foursome
(Incl. greens fees, cart, range balls, 2 drink tickets, prizes, dinner)
Mulligans - \$20 / team (2 shots per player)

SPONSORS!!!

Hole Sponsorship: \$200

Silver: \$250 (1 hole sponsorship & 1 player in tournament)

Gold: \$400 (1 hole sponsorship & 1 team in tournament)

Platinum: \$500 (1 hole sponsorship, 1 team in tournament, plaque,
name on ASHRAE webpage, recognition at all meetings)

***All sponsors will have their fees donated to
ASHRAE Research in their company's name**

Please see next page for registration and contact information



2008 ASHRAE SPRING GOLF TOURNAMENT
REGISTRATION FORM

SPONSORS

Please make checks out to:

ASHRAE RESEARCH

Company Name: _____

Contact: _____

Telephone: _____

E-mail: _____

Sponsorship level (circle one):

Hole sponsor - \$200

Platinum - \$500 (list golfers below)

Gold - \$400 (list golfers below)

Silver - \$250 (list golfer below)

Golfer 1: _____

Golfer 2: _____

Golfer 3: _____

Golfer 4: _____

GOLFERS ONLY

Please make checks out to:

GREENVILLE ASHRAE

Name: _____

Company: _____

Telephone: _____

E-mail: _____

Other team members:

Golfer 2: _____

Golfer 3: _____

Golfer 4: _____

All proceeds go directly to sponsor ASHRAE Research

Mail checks to: Brian Alexy c/o Carolina Cooling

801 Pressley Rd., Suite 100 B Charlotte, NC 28217

For all other questions, please contact Brian Alexy at (864) 633-9494

E-mail: brian.alex@carolinacooling.com

Fax : (704) 521-4444