



THE THERMOS



The St. Louis Chapter, ASHRAE Newsletter
www.ASHRAE-STL.org

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April 2012

MAKE YOUR RESERVATION TODAY FOR

Monday, April 9, 2012

(PLEASE NOTE TIME CHANGE)

Main Program at 12:00 P.M.

Sustainable Chilled Water Systems

This presentation will explore several different chilled water system choices and some benefits of shifting peak load of the HVAC system to save energy costs. Producing and storing ice at night, when energy costs are lowest, and discharging cooling during the high on-peak rate period, reduces demand charges and can lower peak power usage.

We will discuss the application of different types of chillers circulating a cold glycol/water solution through dedicated ice tanks. During the on peak discharge cycle the glycol/water solution is piped through the tanks. The cooled solution is then circulated to satisfy the building cooling load. Carefully applied, demand charges and energy costs can be reduced.

Sustainable designs and high performance standards such as ASHRAE Standard 189 will be discussed.

UPCOMING EVENTS

Spring Golf Tournament

May 11, 2012

CRC 2012 is coming up!

**May 3 – 5, 2012
Minneapolis, MN**

RUSSO'S SPAZIO AT WESTPORT
12031 Lackland Rd
St. Louis, MO 63146

Chapter Members Cost \$0.00*

* when chapter dues paid

Non-Members Cost \$25.00

Cash or Check Only-No Credit Cards

RESERVATIONS

*Everyone must register even if you
have paid local dues.*

ONLINE: Click on hyperlink below or copy this
into your browser:

<http://ashrae-stl.org/>

Please make sure that you fill in all the
information requested. Thanks.

**PHONE: Must be called into 314.925.4818, no
later than NOON, Friday, April 6, 2012. This is
a voice mail extension. This number is in
operation 24 hours a day.**

CANCELLATION: You may cancel up to noon on
Monday, April 2, 2012 before the meeting. If not
cancelled by this point, you will be responsible for
the meeting cost listed above.

PDH CERTIFICATES: If you want a PDH for
either session, please check the appropriate
boxes during online reservation or for phone
reservations leave email address and PDH
requests.

MAIN PROGRAM SPEAKER

Julian R. de Bullet

Julian R. de Bullet has over 40 years experience in the HVAC industry. He is Vice President, Business Development with FAFCO Thermal Storage Systems LLC. His career has concentrated on the applications of Chilled Water and All-Air systems as a manager of applied equipment sales and of a service/performance contracting operation. Recently he was Director of Industry Relations for a major HVAC manufacturer.

As ASHRAE Vice President (2001/2003), he served on the Board of Directors and the Executive Committee and was Chair of Member Council and Publishing Council. He is Past President of the National Capital Chapter and was Director and Regional Chair for ASHRAE Region III. He is an ASHRAE Distinguished Lecturer with over 300 Seminars delivered around the world with topics including "Responsible Refrigerant Use", "Sustainable HVAC Systems", "Variable Primary Flow System designs" and "90.1 and LEED". He is a member of ASHRAE TC 8.2 Centrifugal Chillers and has co-authored numerous ASHRAE Handbook chapters. He chaired the Professional Development Committee, (Responsible for the ASHRAE Educational programs), was a voting member of the Publications and Education Council and the Society Advocacy Committee. He has co-authored ASHRAE Position Documents on Energy Efficiency, Natural Refrigerants and Ozone Depletion. He is a Life Member and holds the Distinguished and Exceptional Service Award

He presently serves on both the Honors and Awards Committee and the Nominating Committee.

He is a Graduate of the London University system in England, where he obtained an Electrical Engineering degree and a Diploma in Marketing.

PROGRAM COMMITTEE 2012-2013

Thank you to those who have served on the program committee in 2011-2012! I hope you all will continue to help us offer engaging and informative meetings next year.

I am also hoping to recruit some new committee members for the 2012-2013 season to provide fresh ideas for tech sessions and main meeting content. Committee members are responsible for attending a kickoff meeting to brainstorm ideas this spring and for helping to procure and coordinate speakers for next year. This is a great way to get involved in the Chapter and to get to know your fellow members.

If you are interested, please contact me at rglunt@b-g.com.

Regards,
Robert Glunt
Program Chair 2012-2013

ASHRAE STL PRESIDENTS COLUMN

Vincent F. Stanec III



April is here and brings us our last ASHRAE Chapter Meeting for the Year. In April, we will hear a program from one of ASHRAE's many Distinguished Lecturer's and award our annual Energy Design Award "TEGA ."

Over the last month, we have seen several exciting changes at the Society Level. ASHRAE developed a new logo and launched the bEQ Building Labeling Program new

logo and launched the bEQ Building Labeling Program. I kind of liked the old logo, but if there is one thing that is constant, it's change; and the new logo reflects that. The launch of the bEQ Labeling Program is ASHRAE's contribution to develop a building energy efficiency-rating scheme. The program starts with an audit performed by a certified ASHRAE professional whom then targets opportunities for the greatest possible energy savings and assigns a Grade based upon the building type. This is an ongoing program and does not end with rating but is continually monitored. This is an exciting development for all ASHRAE Members and all I can say is it's about time!

Every year at our last meeting, we present awards for those HVAC designs that demonstrate energy efficiency. In the past, it has been hard to get participants to submit their designs for various reasons. Thanks to Chad Adler and his committee, we have had a record number of submissions this year. I encourage all engineers, who are actively closing out a project, to consider submitting for a TEGA Award next year.

Sign up for our April Meeting, listen to an ASHRAE Distinguished Lecturer and congratulate some worthy engineers.



President Vinny Stanec thanking Victor Goldschmidt for his presentations on Creativity and Sustainability and Electrical Energy Production

MARCH RECAP

This year our chapter awarded \$9500 in scholarships to eight worthy recipients. Recipients included Shonfai Carter, John Heineken, John Issawi, Lucas Laughery, Spencer Meinert, Andrew Robinson, Matthew rip, and Anna Tudo. Congratulations!





REGISTRATION FORM
The St. Louis Chapter ASHRAE
Announces Its Annual Spring Scholarship Golf Outing

Friday – May 11, 2012
Wolf Hollow Golf Course
Labadie, Missouri

12:30 PM Shotgun Start
5:30 PM Ron’s Famous Steak Supper
Followed By PRIZE PRESENTATION

Golf Prizes For: 1st – 2nd Place – A & B Flights
LONGEST DRIVE – CLOSET TO HOLE

DRIVING RANGE: Need practice with your drive? The driving range will open prior to the Golf Outing for all golfers at NO CHARGE.

DIRECTIONS: Will be given on registration acknowledgement.

RESERVATIONS: Your check with registration form is required by **April 29, first come first served** (31 teams/124 golfers maximum). An acknowledgement of your reservation along with course and club location map will be sent upon receipt. Sorry no phone or fax reservations. Your registration must be accompanied with your check.

Dinner: Ron’s New York Strip Steak, Baked Potato, Salad, Charcoal Cooked Corn, Draft Beer and Soda.

Golfers:

Team Captain: (Please Print)

Phone #

Email: _____

____ Number of People for Golf & dinner X \$85.00 \$ _____
____ Number for Dinner Only X \$25.00 \$ _____
____ Hole Sponsor \$75.00 \$ _____ 75.00

Total Amount Enclosed \$ _____

Please make photocopy of this page (sorry no fax or phone reservations).

PLEASE MAKE YOUR CHECKS PAYABLE TO: ST. LOUIS CHAPTER ASHRAE

Mail to: Brian Ingenthron, Special Events Chairman
% Commair, Inc.
315 N. Laclede Station Road
Webster Groves, MO 63119

Call with questions: Brian Ingenthron at 314-963-0057

RESEARCH PROMOTION



Congratulations! The St. Louis Chapter of ASHRAE is among the 30 ASHRAE Chapters who have established named Endowed Research Funds. The St. Louis Chapter ASHRAE will be recognized, at the Central Regional Conference, with a patch to commemorate our initial gift.

Our chapter made an initial [donation](#) of \$3,000 to the Harry “Hank” Sauer Memorial Research Fund in 2009. [Donations](#) by the St. Louis Chapter, Chapter Members, Friends, and Dr. Sauer’s Family, have increased the value, and the fund total, as of December 31, 2011 is \$13,874.57.

The memorial acts as an annuity, returning 5% every year to go towards the chapter goal for raising funds to support ASHRAE Research projects. This means the memorial fund is currently contributing an annualized value of \$693.73 towards our chapter research promotion goal. *Thank You*

Thank you to the following donors for their generous support of ASHRAE Research and the St. Louis Chapter during the 2011-12 Campaign!

Major Donor – Silver, \$1,000 to \$2,499

Patricia Sauer

Major Donor – Bronze, \$500 to \$999

AC Systems

Behrmann Company

Midwest Machinery

Major Donor – Antique, \$250 to \$499

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Comfort Sales Agency

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Honor Roll Donors, \$100 Individuals, \$150 Company, to \$249

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Dynamic Controls Inc

Gerald J Williams

Quality Water Treatment

Michael C Kearney & Assoc Inc.

Thank You for your Support!

Dr. Sauer was a professor at Missouri S&T, a longtime member of our chapter and a great contributor to the industry through his many research projects.

If you are interested in donating to support ASHRAE research or want to help on the committee, please contact Bob Jones. My contact information can be found here: <http://www.ashrae-stl.org/about>. You can also [donate](#) online by going to www.ashrae.org, Click Home, Standards, Research & Technology, Research Promotion, and click “Online contribution Form.”