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THERMOGRAM

October 2016
Volume LI Issue 03

Main: ASHRAE Headquarters Renovation

Tech Session: Energy Modeling...Why?

ASHRAE October 6th MEETING:

Tech Session: 5:00 pm – 5:45 pm

Network Hour: 5:30 pm – 6:30 pm

Dinner: 6:30 pm – 7:00 pm

Main Speaker: 7:00 pm – 8:15 pm

Main Meeting: ASHRAE Headquarters Renovation

Speaker: Ron Jarnagin – ASHRAE Society President, 2011-2012

What Happens When The Leaders Try To Do It Right?

When ASHRAE decided to renovate their aging headquarters building it was faced with the challenge of trying to live up to their reputation as a leader in the built environment. There were many opinions about what should be done and a small committee was formed to serve as the owner's representatives to oversee the renovation. This presentation will focus on the process we followed, what we decided and why, what went wrong and what went right, lessons learned, actual costs of the project and actual measured energy savings achieved. You will find this presentation both entertaining and educational!

Tech Session: Energy Modeling...Why?

Speaker: Chet Knauf, Energy Engineering Leader at Havtech

This presentation will include a short overview of energy modeling, then move into the following area:

- Discuss four factors that are driving the energy efficiency revolution.
- Provide insight into how to leverage those factors to win projects, showcase knowledge and create a healthier environment.
- Provide insight on the complexities of energy models.
- Discuss variations between rebate, ROI and LEED models.



The October meeting will take place at the Engineers Club.
11 West Mount Vernon Place Baltimore, MD 21201

2016-2017 Chapter Leadership Roster

Officers

President P:410-316-7800	Dave Reese president@ashrae-balto.org	KCI Technologies
President-Elect P:410-323-0600	Craig Parks vp@ashrae-balto.org	BKM
Treasurer P:410-880-0850 x123	Brad Watkins treasurer@ashrae-balto.org	Cummins-Wagner
Secretary P:410-329-8100	Steph Kunkel secretary@ashrae-balto.org	JMT
Board Member P:410-793-0202	James Cote asstsecretary@ashrae-balto.org	United Energy Products
Board Member P:443-561-1652	Jeff Shook gov2@ashrae-balto.org	Chesapeake Systems
Board Member P:443-977-9741	Sherry Abbott-Adkins senioradvisor@ashrae-balt.org	A Squared Plus Engineering
Past-President P:410-303-3125	Adam Fauer pastpresident@ashrae-balto.org	

Committee Chairs

Attendance/Recpt. P:443-224-1594	Theresa Schroeder reservations@ashrae-balto.org	Whitman Requardt
Chapter Programs P:410-323-0600	Craig Parks programs@ashrae-balto.org	BKM
Historian P:410-704-2717	Alex Clark historian@ashrae-balto.org	Towson University
Membership P:443-809-9079	Kaylee Haupt membership@ashrae-balto.org	BCPS
Refrigeration P:410-403-2200	Jon Olmstead refrigeration@ashrae-balto.org	The Trane Company
Research Promotion P:410-579-8100	Ryan Berger research@ashrae-balto.org	Leach Wallace Associates, Inc
Scholarship P:410-298-2400	Saqib Ashraf scholarship@ashrae-balto.org	Carrier
Student Activities P:410-329-8100	Sam Philipp studentacts@ashrae-balto.org	JMT
Student Activities P:410-652-5437	Robert Broczowski studentacts@ashrae-balto.org	Mueller Associates
Young Engineers P:410-746-4168	Nancy Neely yea@ashrae-balto.org	Johnson Controls, Inc
CTA P:410-323-0600	Craig Parks cta@ashrae-balto.org	BKM
CTTC P:410-323-0600	Craig Parks cttc@ashrae-balto.org	BKM
Thermogram P:410-381-7655	Kelly Brennan newsletter@ashrae-balto.org	Schneider Electric
Engineers Week P:410-329-8100	Sam Philipp engweek@ashrae-balto.org	JMT
Web Technician P:410-316-7800	Ben Becker ashtech@ashrae-balto.org	KCI Technologies
Christmas Party P:410-527-2612	John Prusak Christmas@ashrae-balto.org	Johnson Controls, Inc.
Golf Outing P:443-561-1600	R L Gladden golf@ashrae-balto.org	Chesapeake Systems
Women in Engineering P:240-542-5568	Jennifer Leach wie@ashrae-balto.org	Cummins-Wagner
Grassroots Activities P:410-792-4230	Rich Goins / Chris Meyer gga@ashrae-balto.org	Cummins-Wagner

ASHRAE Reservation Hotline

Phone: 443-224-1594 ASHRAE Baltimore Chapter
 Attn: Theresa R Schroeder reservations@ashrae-balto.org

In alignment with the "Green Trends" of ASHRAE we have eliminated the paper copies of the Membership Roster. An electronic copy will be available at meetings, upon request.

President's Pen

We will be back at the Engineer's Club for our October Meeting. Craig Parks, our Vice President/President-Elect has arranged for the Society Past President of 2011-2012 to visit us and provide our membership with a behind the scenes look at the HVAC renovation of ASHRAE's Headquarters Building in Atlanta, GA. Presenting will be Mr. Ron Jarnagin, Principal Owner of RLK Technical Consultants, LLC, and an ASHRAE Distinguished Lecturer. Mr. Jarnagin has a reputation as a passionate, technically knowledgeable, and entertaining presenter. You won't want to miss this presentation.

Many thanks to all the Manufacturer's Representatives who supported our Chapter at last month's Product Show. Craig Parks deserves much appreciation also for all his hard work with making this event a success.

A special thanks to Ben Becker of KCI Technologies, and Richard Goins and Chris Meyer of Cummins-Wagner. Ben has stepped up to volunteer as our Chapter's Web Technician and Rich and Chris will Chair and Co-Chair our Chapter's Government Grassroots Activities Committee. The Baltimore Chapter is tops because of our great volunteers.

See you at the Club on Thursday, October 6th!

Dave Reese



2016-2017

Meeting Schedule

Please mark your calendar with the following dates for the 2016 through 2017 Baltimore Chapter meetings. A complete schedule indicating seminar, technical session and main meeting topics will be published in the coming month's Thermogram and is also available on the chapter website

www.ashrae-balto.org.

August 18, 19 & 20, 2016	Chapter Regional Conference	Philadelphia, PA
September 7th, 2016	7th Annual Product Show: 3:00—8:00pm	Radisson Timonium
October 6th, 2016 <i>Research Promotion</i>	Main Meeting: ASHRAE Headquarters Renovation Tech Session: Energy Modeling...Why?	ESB
November 10th, 2016 <i>Membership Promotion</i>	Main Meeting: Microgrids Tech Session: TBD	ESB
December 2, 2016	Christmas Party	Timonium Fairgrounds
January 5, 2017 <i>Women in ASHRAE</i>	Main Meeting: TBD Tech Session: TBD	ESB
February 2, 2017 <i>Refrigeration</i>	Main Meeting: Refrigeration Tour Tech Session: N/A	TBD
March 9, 2017 <i>Membership Promotion</i>	Main Meeting: High Performance Run-Around Energy Recovery Tech Session: TBD	ESB
April 6, 2017 <i>Former Presidents Night</i>	Main Meeting: TBD Tech Session: TBD	ESB
May 4, 2017 <i>Research Promotion & Student Night</i>	Main Meeting: TBD Tech Session: TBD	ESB
June 2, 2017 (Tentative)	58th Annual Golf Outing	Turf Valley CC

Main Meeting Schedule: 5:30 pm social hour, 6:30 pm dinner, 7:00 pm speaker

Tech Session Schedule: 5:00 - 5:45 pm

Cost: \$25 dinner fee for full members, \$10 dinner fee for students



67th ASHRAE CHRISTMAS PARTY

Date: December 2nd, 2016
Time: 5:00 P.M. until 9:00 P.M.
Place: 4H Building, Timonium Fairgrounds

\$55.00 / PERSON

Attn: John Prusak (Johnson Controls, Inc.)
Fax: 410-527-2730
Phone: 410-527-2612
Email: john.prusak@ici.com

Your Mailing Address

Attn: _____
Company Name: _____
Address: _____

Phone: _____
Email: _____
No. of Tickets: _____

NOTE: Tickets will not be mailed until receipt of payment. Make checks payable to ASHRAE and mail to my attention at 60 Loveton Circle, Sparks, Md. 21152.

"First come, first serve"

Also, please consider making a donation to the ASHRAE Research Fund in the amount of \$_____



**THANKS TO OUR 2015-2016 RP DONORS
FOR THEIR SUPPORT!!!!**

**LAST YEAR THE CHAPTER RAISED
\$35,350!!!**

**THAT MONEY WAS PUT TOWARDS ASHRAE'S TOTAL
AMOUNT RAISED OF \$2,540,000!!!**

The 2016-2017 Research Promotion Campaign is in full swing and runs from July 1, 2016 to June 30, 2017.

**THE GOAL FOR THE CHAPTER IN 2016-2017 IS
\$33,100!!!**

Ways to contribute:

- Online at WWW.ASHRAE.ORG/CONTRIBUTE. Fill in all the required information. Please remember to put BALTIMORE CHAPTER in the Assigned Ashrae Chapter area so your chapter can receive credit.

OR

- Make your checks out to ASHRAE RESEARCH FUND. Please remember to add BALTIMORE CHAPTER to the memo line. Send to 1791 Tullie Circle NE, Atlanta Georgia 30329-2305.

OR

- Contact me, Ryan Berger
 - Phone: 443-896-3193
 - Email: research@ashrae-balto.org

**Thank you so much for you support last year and I hope we
can count on you again this year!**



**2017
Winter
Conference**

Jan. 28 – Feb. 1
Las Vegas, NV
Caesars Palace

**A H R
Expo**

Jan. 30 – Feb. 1
Las Vegas, NV
Las Vegas Convention Center

The Board of Governors would like to thank the following companies who supported the:

7th Annual Product Show

Advanced Thermal Solutions
Aireco
Chesapeake Systems LLC
Critical Systems LLC
Cummins Wagner Co
FC Clifford
Havtech

Dan Rainville
Environmental Products
H&B Products
SJ Rafferty Company
Taze + Hewitt
The Filtrex Corporation
The Morin Company, LLC

United Energy Products
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Yates
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UPD

