



Capitalaire

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The National Capital Chapter of the American Society of Heating, Refrigerating, and Air Conditioning Engineers

President's Corner

The October Chapter program got great reviews from participants. Both the PES Seminar and the Dinner Program was very well attended. Thank you again to Chesapeake Systems and Victaulic for sponsoring the bar. A special thanks goes to our speakers, Dr. James Freihaut and Michael Lo Presti. Dr. James Freihaut presented the PES Program on onsite renewable energy. The PES program was followed by a presentation from Michael Lo Presti on the International Energy Conservation Code.

The theme of the October meeting was Awards and it gave us an opportunity to recognize those members who excelled in their duties during the 2008-2009 year. Jim Grant, last year's NCC ASHRAE President reviewed the awards that were presented at this year's Regional Conference. The Chapter was presented with the following awards:

- Presidential Award of Excellence for achieving at least minimum points in 4 of 5 categories;
- Special Citation for achieving at least minimum in 4 out of 5 categories, with a minimum of 5000 points;
- Honor Roll award for achieving PAOE for at least four consecutive years.

The individual awards presented were the following:

- Scott Houghton received the Blue Ribbon Award for Highest PAOE for Membership Promotion in Region III;
- Scott Houghton received the Wing Man Award for his excellent performance in Membership Promotion for Region III;
- Dave Cooper received the Top Dog Award for his excellent performance in the Research Promotion in Region III;
- Dave Cooper received the Pinnacle Award for

raising \$71,275 for Research and Promotion.

Again, congratulations to all and thank you for your hard work and commitment to ASHRAE. All the achievements of ASHRAE are made possible by the hard work of volunteers. We always welcome new people to our group. I encourage everyone who is interested in getting involved with the local chapter to talk to me or any of the Board Members. We have several positions open. The time invested in working in a committee is worthwhile because of the personal and professional development.

Please remember that the ASHRAE Technology Awards program application deadline is in March, and now it is time to think of potential projects for submission. The program provides an opportunity to recognize ASHRAE members who design and/or conceive innovative technological concepts; communicate innovative systems designs to other ASHRAE members.

November Meeting

Our November 12th meeting will be our regular joint meeting with the Mechanical Contractors Association at the Bethesda Marriott. Please note that the meeting will be held on a Thursday this year. Please join us at this popular event that became a tradition, this is the 10th annual Trade Show.

We will present a regular PES program prior to the Trade Show at the Bethesda Marriott. The November PES program will cover Steam Heating Systems by Mr. Roy C.E. Ahlgren.

Please remember to pre-register online for these programs before November 6th.

Best regards,
Kinga Porst
NCC President – 2009-2010

PES Session: Steam Systems Part II

The topic of the PES is “Understanding Steam Heating Systems”. The seminar will be divided into three parts: steam heating systems, steam for hot water, and steam trap overview. The first part on steam heating systems will cover one and two pipe systems, system components and nomenclature, and problems and solutions in older systems. Part two will discuss steam for hot water including typical heat exchanger components, operation of temperature regulating valves, steam heat exchangers sizing and fouling factors, and typical damage mechanisms and how to avoid them. Lastly, part three will review operation of common trap types and avoiding common pitfalls in trap applications. The seminar is a continuation of a program from last April per the request of our members who were in attendance.

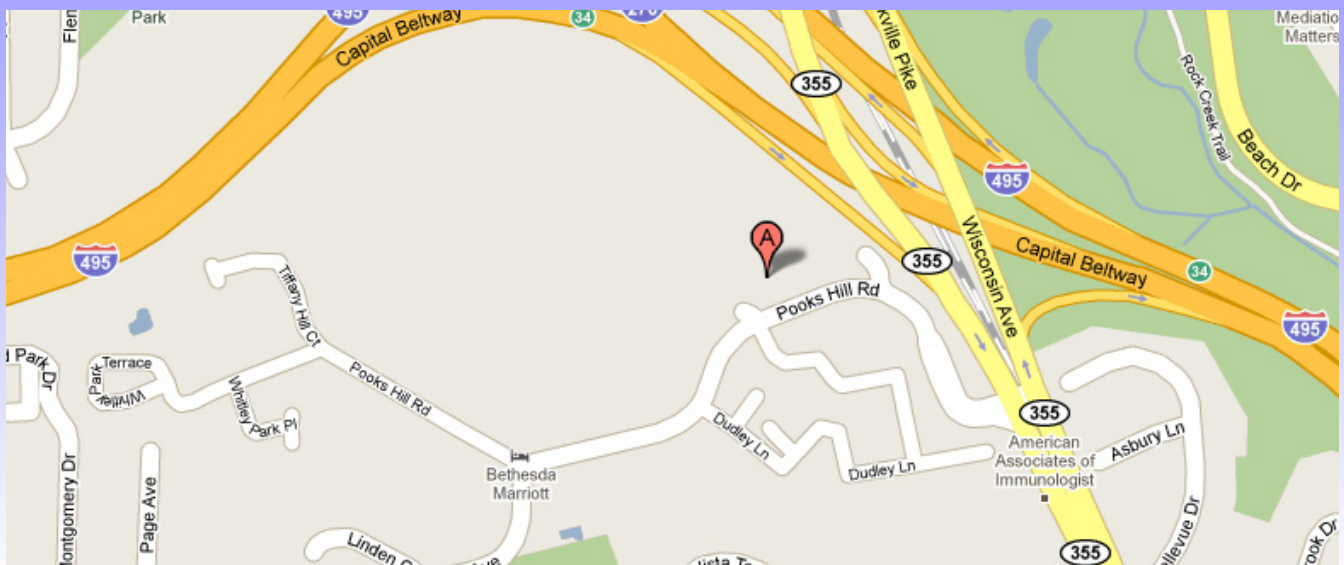
Speaker: Mr. Roy C.E. Ahlgren

Roy C.E. Ahlgren is a graduate of the U.S. Naval Academy with a degree in Naval Science, and the Illinois Institute of Technology, with a Master’s Degree in Management. During his twenty-year career as a Naval Officer, he was responsible for the operation and the maintenance of a wide variety of shipboard engineering systems. He was a member of the first En-

gineer Officer’s course for conventional steam plants held at the Naval Reactor Facility in Idaho Falls, and he directed the complete engineering systems overhaul of a guided missile cruiser. He was designated by the Navy as a Training Specialist, and served as Executive Officer of the Recruit Training Command, “boot camp”, at Great Lakes and the NROTC unit at Northwestern University.

Mr. Ahlgren began teaching seminars in steam and water systems at ITT Bell & Gossett’s famous “Little Red Schoolhouse” in Morton Grove, Illinois in 1985. He retired as Director of the Schoolhouse in 2008. He also developed a number of shorter seminars on various aspects of steam and hydronic systems, which he presents around the world on behalf of ITT Residential & Commercial Water Systems Representatives. He regularly teaches at the University of Wisconsin’s Department of Engineering Professional Development. He is the author of several booklets and articles on fluid handling topics. He writes the regular Hydronics column for Plumbing Systems & Design, the official magazine of ASPE. He is a past Chairman of the ASHRAE Technical Committee on Hydronic and Steam Systems and Equipment, and enjoys participating in the Chicago Area Runner’s Association.

Trade Show Location: Bethesda Marriott Hotel, Pooks Hill Rd





JOIN ASHRAE & MCAMW MEMBERSHIPS AT THE 10TH ANNUAL ASHRAE & MCAMW JOINT TRADE SHOW



Date: Thursday, November 12, 2009

Time: 5:00 to 9:00 pm

**Location: Bethesda Marriott Hotel on Pooks Hill Rd
in the Congressional Ballroom
Bethesda, Maryland**

Since this Joint Trade Show event has been so popular during the past nine years, ASHRAE will join MCAMW in sponsoring an industry wide trade show again this year. Both associations will host this trade show in lieu of holding their November monthly business meetings.

Twenty-four vendors (see list below) have reserved booth space to date....so mark your calendars now to attend an event-filled evening which promises to be information packed. Come early! Cocktails and heavy hors d'oeuvres will be served throughout the evening. Regular dinner prices apply.

Participating Trade Show Vendor/Suppliers

Aireco Supply, Inc.	HAVTECH
Boland	Honeywell
Robert C. Bost Associates	Johnson Controls, Inc.
Carrier Air Conditioning	The Joyce Agency
Chesapeake Systems	The Morin Company LLC
Complete Boiler Systems	Potomac Environmental Technologies
Cummins-Wagner Co., Inc.	S.J. Rafferty Co., Inc.
Sam DeSanto Co., Inc.	Siemens Building Technologies
Emerson Network Power/Liebert	SMACNA Mid-Atlantic Chapter
Ferguson Enterprises, Inc.	Stromberg Metals Architectural Division
Flow Design, Inc.	Victaulic
Grinnell Mechanical Products	N.H. Yates & Co.

Reminder Reminder Reminder

Send your registration on the web at: <http://www.nccashrae.org/>



National Capital Chapter of ASHRAE

2009-2010 Meeting Schedule



Date	Theme	PES Program	Dinner Program	Location
Sept. 9	Membership/ YEA	Hydronic Systems	Future of Controls	Hilton Arlington
Oct. 14	Awards	Onsite Renewable Energy	Basic intro to Codes IECC and 90.1	Hilton Arlington
Nov. 12	Joint Meeting	Steam Systems Part II	Joint MCA/ASHRAE Trade Show	Bethesda Marriott
Dec. 9	Presidents/ Membership	Accoustics (Sound and Vibration)	Refrigerants	Hilton Arlington
TBA	Winter Party			TBA
Feb. 10	Sustainability/ USGBC Joint Meeting	Design of Commercial Ground Source Heat Pumps	Integrated Form of Agreement (IFOA) and Integrated Project Delivery (IPD)	Hilton Arlington
Mar. 10	Students/ Refrigeration	Testing and Balancing	ASHRAE Research Project 1292 (Series vs. Parallel Boxes) and Energy Use/LEED Ramifications	Hilton Arlington
April 14	Research	Clean Room Presentation	Energy Conservation Labratories	Hilton Arlington
May TBA	Tour	TBA		TBA

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