



The PENNANT

Newsletter of the
ASHRAE® Central Pennsylvania Chapter
<http://www.cenpenn.ashraechapters.org/>

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President's Message....



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Dear Members,

Great to see all of you on January 11th in Elizabethtown.

We would like to thank Mr. Dan Kerr for his time and expertise. His presentation at the Masonic Homes gave us all a better understanding of this design and applications of this type.

Are you going the AHR Expo in Chicago? ASHRAE will be there.

You can take advantage of many educational opportunities including, ASHRAE sponsored public sessions, our winter meeting, continual education classes and more. Please visit the AHR website for more information.

This is an exciting month for presentations:

- On Feb. 9th will be a joint meeting with CSI and featuring distinguished lecturer, Mr. Christopher McDonald
The core of his presentation will focus on the liabilities consulting engineers may encounter.

This is also our Membership promotion night. You can attend for Free! Please review this newsletter for more information

- On Feb 24th we will host our Winter Professional Development Seminar featuring B&G's "Little Red Schoolhouse" class. A great course for the understanding of pump design.

Please review all the details in this pennant and we look forward to seeing you in February.

Respectfully,

Glenn DiEsposti

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Meeting Agenda

Thursday, February 9, 2006

Joint meeting with Central PA Chapter Construction Specifications Institute (CSI)

3:30 – 5:00 Board Meeting
5:00 – 6:00 Social Hour
6:00 – 8:15 Dinner, Presentation,

Topic: Legal Issues and Liability Concerns for Engineers and Related Industry Professionals

CHRISTOPHER M. MCDONALD, ESQ.



Shook, Hardy & Bacon L.L.P.
Kansas City, MO

Christopher M. McDonald is a partner at Shook, Hardy & Bacon L.L.P., a law firm headquartered in Kansas City, Missouri. He has been with the firm for fifteen years engaged in the practice of law focusing on toxic tort, environmental, regulatory and indoor air quality issues. He also focuses on advising clients relating to litigation avoidance and preparedness. Much of his work deals with complex scientific and technical issues. Chris also spends a significant amount of time working with junior lawyers on the firm's Associates Committee, which he currently chairs.

LECTURE TOPIC:

Document Management and Discovery – How Documents and E-mails are Used in Litigation

This talk will explain how documents and e-mails are used in litigation. It will provide sample documents to help illustrate how adversaries will use documents to their advantage in litigation. It will also provide tips on how to manage documents to avoid creating documents that can be taken out of context and used against a potential defendant.

Holiday Inn Hotel and Convention Center
Interstate 83 & PA Turnpike
New Cumberland, PA
Phone # 717-774-2721

Reservations:

Deadline: Tuesday, February 7th at 1:00 p.m. PLEASE!

Program Cost: \$ 25.00 With Advance Reservation
\$ 30.00 At the door
\$ 5.00 Retired/Students

To make reservations, email Penny Ness at: penny.ness@york.com

Put "ASHRAE Reservation" in the title of the email.
Multiple reservations may be made in one email if names are given.

Please provide:

Your Name: Company: Phone: Sessions: ASHRAE Member or Student Member

Note to all Chapter Officers and Committee Chairs: [Chapter Officers, Board Members and Committee Chairs have standing reservations.](#) If you do not RSVP by the deadline, you will be billed for the fun time you missed.

Directions: From Harrisburg:
83 South to Limekiln Road Exit

From Lancaster:
283 West to Pa Turnpike
Pa Turnpike West one exit (HBG east)
North 83 to Limekiln Road Exit

From York:
83 North Limekiln Road Exit

Membership Promotion Night Guidelines

****** If you bring a person that joins ASHRAE that night or that you just signed up online, both of you will get in the meeting for free. ******



PROFESSIONAL DEVELOPMENT SEMINAR

“Hydronic Systems - Design for Sustainability”

**A SEMINAR SPONSORED BY
THE CENTRAL PENNSYLVANIA CHAPTER OF ASHRAE**

Friday, February 24, 2006

Exit 40A, I-83

Just North of Turnpike Exit 242

Presenter: Roy C.E. Ahlgren,
Director of ITT Fluid Handling's Training & Education Department

Topics:

- A brief review of centrifugal pump operation, construction details, and a few installation issues that would be of interest to designers and engineers.
- Using the information from pump curves in selecting and monitoring the operation of the pump, especially its energy consumption.
- Energy saving ideas in the application of the pump. This is an overview of energy saving strategies that was prepared for a major conference in Rio de Janeiro.

Roy C.E. Ahlgren, Director of ITT Fluid Handling's Training & Education Department, 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 career as a Naval Officer, he was responsible for the operation and maintenance of a wide variety of shipboard engineering systems. He was a member of the first Engineer 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 has taught seminars in steam and water systems at ITT Bell & Gossett's famous "Little Red Schoolhouse" in Morton Grove, Illinois since 1985. He has also developed a number of shorter seminars on various aspects of steam and hydronic systems, which he presents around the country on behalf of ITT Fluid Handling Representatives. He is the author of several booklets and articles on fluid handling topics.

He is a past Chairman of the ASHRAE Technical Committee on Hydronic and Steam Systems and Equipment, is active in the Chicago Chapter of ASPE, and the Chicago Area Runner's Association.

SEMINAR COST

Cost for the Seminar is \$35.00, which includes continental breakfast.

Checks/cash will be collected at registration *on the day of the seminar. Sorry, we do not accept credit cards.*

Checks to be made out to: CENTRAL PENN CHAPTER ASHRAE

Information: Tom Long
Phone: 717-763-7212 x2997
Fax: 717-763-9357
Email: thomas.long@mail.ashrae.org

SEMINAR SCHEDULE

REGISTRATION & CONTINENTAL BREAKFAST – 7:30 - 8:00 AM - SEMINAR – 8:00 – 12:00 PM

Central Pennsylvania Chapter ASHRAE

2005-2006 Programs

DATE	EVENT LOCATION	TOPIC/DESCRIPTION
September 14, 2005	Tour Elks Lodge York	Compressor Technology
October 12, 2005	Holiday Inn – New Cumberland	Heat Recovery Donor Appreciation Night
November 9, 2005	Holiday Inn – New Cumberland	Writing Performance Based Specifications Membership Night
November 18, 2005 Professional Development Seminar	Holiday Inn – New Cumberland	"Life Skills & Leadership for Engineers" Dr. David Goldberg, Professor in Entrepreneurial Engineering Director, Illinois Genetic Algorithms Laboratory Department of General Engineering Univ. of Illinois at Urbana-Champaign
December 14, 2005	Appalachian Brewing Company – Harrisburg	Terry Townsend, ASHRAE President-Elect will discuss the Future of ASHRAE Past Presidents Night
January 11, 2006	Tour – Masonic Homes, Elizabethtown	Masonic Homes co-gen plant Research Promotion Night
February 9, 2006	Holiday Inn – New Cumberland	Document Management and Discovery – How Documents and E-mails are Used in Litigation ASHRAE Distinguished Lecturer Chris McDonald, Esquire Membership Promotion <u>Joint meeting with CSI</u>
February 24, 2006 Professional Development Seminar	Holiday Inn – New Cumberland	- Bell & Gossett "Little Red Schoolhouse" - hydronic system design
March 1, 2006	Holiday Inn – New Cumberland	Capitol Complex Chiller Plant Design Refrigeration Night
April 12, 2006	Appalachian Brewing Company – Harrisburg	Penn State AE Student Project Presentations Student Night
April 28, 2006 Professional Development Seminar		"Innovative Design of Air and Water Systems to conform to ASHRAE 90.1 and to improve Indoor Air Quality" Evans J. Lizardos, P.E. ASHRAE Distinguished Lecturer from Lizardos Engineering Associates, Mineola, NY
May 10, 2006	Senator's or Barnstormer's Ballgame - TBD	Family Night
July 2006	ASHRAE Golf Outing	Heritage Hills Golf Course York, PA

Bulletin Board

| Make plans to attend the upcoming Professional Development Seminar February 24, 2006

| To make reservations contact Thomas Long
thomas.long@mail.ashrae.org

| **Presenter** - Roy Ahlgren, Director of Training and Education, [ITT Fluid Handling](#)

Program - *Hydronic Systems - Design for Sustainability*

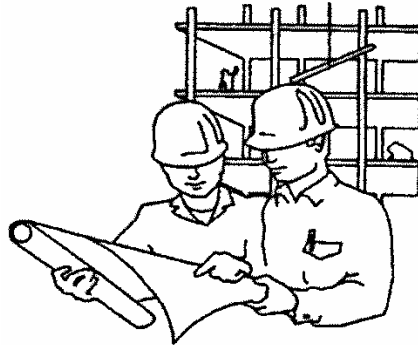
Covering - Centrifugal Pumps
Gaining useful information from pump curves
Energy saving ideas in hydronic systems design

**THE CENTRAL PENNSYLVANIA CHAPTER
CONSTRUCTION SPECIFICATION INSTITUTE
PROUDLY PRESENTS THE**

THIRTY FIRST ANNUAL HARRISBURG EXHIBITORS' SHOW

**A Product Show and Exhibit for
Professionals, Designers,
Contractors, Owners,
School Officials, Ect.**

(SEE ENCLOSED FLYER FOR SEMINARS STARTING AT 9:30 A.M.)



**Wednesday, March 15, 2006
Radisson Penn Harris Hotel
& Convention Center
Camp Hill, Pennsylvania**

11:00 A.M. to 6:00 P.M.

**Wine and Cheese Served All Day
Hourly Door Prize Drawings**

ADMISSION IS FREE!!

**Directed by:
LARRY SAYLOR, CHARLIE BEAUDUY, JEFFREY TURICIK**

Central Pennsylvania Chapter - CSI
31st Annual Exhibitor's Show Seminar Series
Radisson Hotel – Camp Hill, Pa.
March 15, 2006

12:00 PM – 1:30 PM – Stuff You Breathe and Stuff You Throw Away

(Presented in conjunction with the Green Building Association of Central Pennsylvania)

Speaker: Dale Hair, RA, Chair - GBACPA, Mark Lambdin, Vice Chair - GBACPA, Maureen Guttman, AIA, Facilities Architect, Pa. Turnpike Commission



This program will address the LEED® requirements for indoor environmental quality and construction waste management. Experienced building professionals will offer guidance on preparing practical specifications to incorporate requirements of LEED EQ Credit 3 – Construction IAQ Management Plan and MR Credit 2 – Construction Waste Management.

2:00 PM – 3:00 PM – The Future is Here! The building codes are changing.

Speaker: Ron Palombo, Acurlite Structural Skylights, Inc.



Building codes are drastically changing in the advent of our most recent hurricane destruction along the Gulf Coast. This seminar will be a detailed presentation focusing on changes in the building codes, types of impact standards and how they will change the engineering, manufacturing and construction of overhead and vertical glazing products. Participants will learn how glazing products must change in their design and construction to meet today's coastal construction demands.

3:30 PM – 4:30 PM – Planning & Design Considerations for Segmental Retaining Walls

(Presented in conjunction with the Pa. Concrete Masonry Association)

Speaker: Dave Lewis, Sales Manager, Daron Northeast Architectural Masonry Products has 21 years of involvement in all facets of the concrete masonry business. Mr. Lewis is a certified instructor for The National Concrete Masonry Association's Educational Program.



In this program basic engineering principals are discussed including wall type selection (gravity vs. reinforced), maintaining internal and external stability, and determining reinforcement requirements. Additional examples show the step-by-step construction process including excavation and base preparation, placing units and reinforcement, installing drainage materials, and soil compaction.

THESE SEMINARS ARE FREE BASED ON SEAT AVAILABILITY
ADVANCED REGISTRATION IS NOT REQUIRED

Announcements

Promotions

New Employees

New Members/Transferred Memberships

Mr. Benjamin Sellers - Buchart Horn
Mr. Adam Shamenek - HB McClure

Weddings/Births/Deaths

David B. White lost his courageous battle with cancer on January 10th, 2006. He was 47 years old. David was devoted to his family. He was born in Vineland, N.J. David passed away peacefully at Hospice - Bethesda Memorial Hospital. He is survived by his wife, Helen; sons, Steven and Dylan; mother, Evelyn White; sister, Sherry Martin and brothers, Bob and Donald White.

In lieu of flowers, donations may be made in memory of David to: The Hospice of Palm Beach County, 5300 East Ave, West Palm Beach, Fl. 33407, attention Coral Team.

Anniversaries

Misc.

*Put it in the Pennant -- Send your announcements to
eric.zanolini@mail.ashrae.org*