



The PENNANT

Newsletter of the
ASHRAE® Central Pennsylvania Chapter

<http://www.cenpenn.ashraechapters.org/>

President – Jason Richwine
jason.richwine@mail.ashrae.org

President-Elect – Bob Miller
robert.miller@mail.ashrae.org

Vice President – Mark Tome
mark.tome@mail.ashrae.org

Treasurer – Ron Hoover
ron.hoover@mail.ashrae.org

Secretary and Newsletter Editor
Gary Booth
gbooth@trane.com

Board of Governors

Glenn DiEposti, Past President
glenn.diesposti@mail.ashrae.org

Carl Courtney
carl.courtney@mail.ashrae.org

Thomas Long
thomas.long@mail.ashrae.org

Matthew Tressler
matt.tressler@mail.ashrae.org

Frank Ruth
franklin.ruth@mail.ashrae.org

Programs – Bob Miller
robert.miller@mail.ashrae.org

Education Committee –
Thomas Long
thomas.long@mail.ashrae.org

Kirby Slear
kirby.slear@mail.ashrae.org

Carl Courtney
carl.courtney@mail.ashrae.org

Tom McKay
tom.mckay@mail.ashrae.org

Bill Blace
bill.blace@mail.ashrae.org

Research Promotion –
Gary Debes
gary.debes@mail.ashrae.org

Refrigeration Committee
Gary Debes
gary.debes@mail.ashrae.org

Publicity and Webmaster
Gary Debes
gary.debes@mail.ashrae.org

Student Activities –
Rachel Voigtland
rachel.voigtland@mail.ashrae.org

Student Branch Advisors

PA College of Technology
Thomas Ask
Thomas.ask@mail.ashrae.org

PSU Harrisburg
Michael Dideban
michael.dideban@mail.ashrae.org

PSU University Park
William Bahnfleth
william.bahnfleth@mail.ashrae.org

President's Message...



Dear ASHRAE Members:

November was an exciting month for the Central PA Chapter. We started with a successful monthly meeting, thanks to our Distinguished Lecturer Julian DeBulle, our friends at RETA who joined us, and a \$240 50/50 raffle for research! Julian gave a riveting talk on variable flow chiller systems. His humor, expertise, and passion for HVAC make him one of the best ASHRAE speakers anywhere. Ole Christensen's tech session on CO₂ refrigeration was detailed and highly informative. Most of us don't have experience with CO₂ chillers, and Ole gave us a great introduction. Thanks, Ole! In addition, a clown convention added a twist to our meeting. Typically, Gary and Dan clown around enough for us, but these guys took it to a whole new level! You just had to be there.

Then on the 10th Fred Bauman, from the Center for the Built Environment at Berkley, conducted an all day professional development seminar on under floor air distribution. Over 30 people attended this seminar making it a successful day. Fred made it easy to learn, using some great graphics, video demonstrations, and CFD models. The depth of research brought this seminar made it highly informative. Many thanks to Fred for sharing his cutting edge experience!

There were no nominations for the Nominating Committee from the floor at the November meeting. Therefore, the Board of Governors will nominate a committee to be elected at the January meeting. The nominating committee will present a slate of qualified officers to be voted into service for the 2007-2008 ASHRAE year. If you are interested in serving on the nominating committee, please contact me directly.

On December 13th we look forward to honoring our past presidents. Past Presidents night is a good time to gather around a drink with our colleagues and friends as we thank our past presidents for their sacrifices for this chapter. It will also be History night, appropriate on an evening when we look back at our own history. The main topic will be the Past, Present, and Future of boiler technology. John Foss, from Clever Brooks, will be presenting. He will also give a tech session talk on boiler room controls. We hope you'll be there!

Sincerely,

Jason T. Richwine, P.E.
President
Central PA ASHRAE

Inside this Issue

December Meeting Information
Professional Development Seminars

AHR Expo in Dallas

Wednesday, December 13, 2006

- 5:00 – 5:30 **Social**
5:30 – 6:15 **Boiler Room Controls** by John Foss, Cleaver-Brooks
6:30 – 7:30 **Dinner – Catered Buffet**
7:00 – 8:15 **Past Present and Future of Boiler Technology** by John Foss, Cleaver Brooks

FREE ADMITTANCE for all PAST PRESIDENTS

Main Program

Past Present and Future of Boiler Technology

John will review the history of boilers and discuss the boiler room of the future. This session will include future plans for the use of PLC's in the boiler room, low NOx burners, integrating burner management with building management systems, modular boilers, alternate fuel burners, boiler tube improvements and improved boiler heating surface area. John will also discuss some of the features of the US Department of Energy funded Super Boiler.

Tech Session

Boiler Room Controls

During the first session John will be discussing the new developments in boiler room controls. John will cover the use of PLC's to control burner management, optimize boiler efficiency, boiler lead-lag, etc. along with new water level control/safety technology.

Biography

John Foss is a graduate of the University of Wisconsin. John was the Director of National Accounts for Generac for eleven years, taking this position shortly after graduating from college. John joined **Cleaver-Brooks** in 1989 and was responsible for the introduction and sales of a new line of boiler flame safeguard/combustion controls. John's current position as **Regional Vice-President** allows him to be involved many different facets of the industry giving him a broad knowledge of boiler systems.

Appalachian Brewing Company
50 N. Cameron Street, Harrisburg, PA 17101
Phone # 717-221-1080

Reservations: <mailto:Robert.Miller@mail.ashrae.org>

Deadline: Friday December 8th at 1:00 p.m. PLEASE!

Program

Cost: **\$ 30.00**

Retired/Students: **\$ 5.00**

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

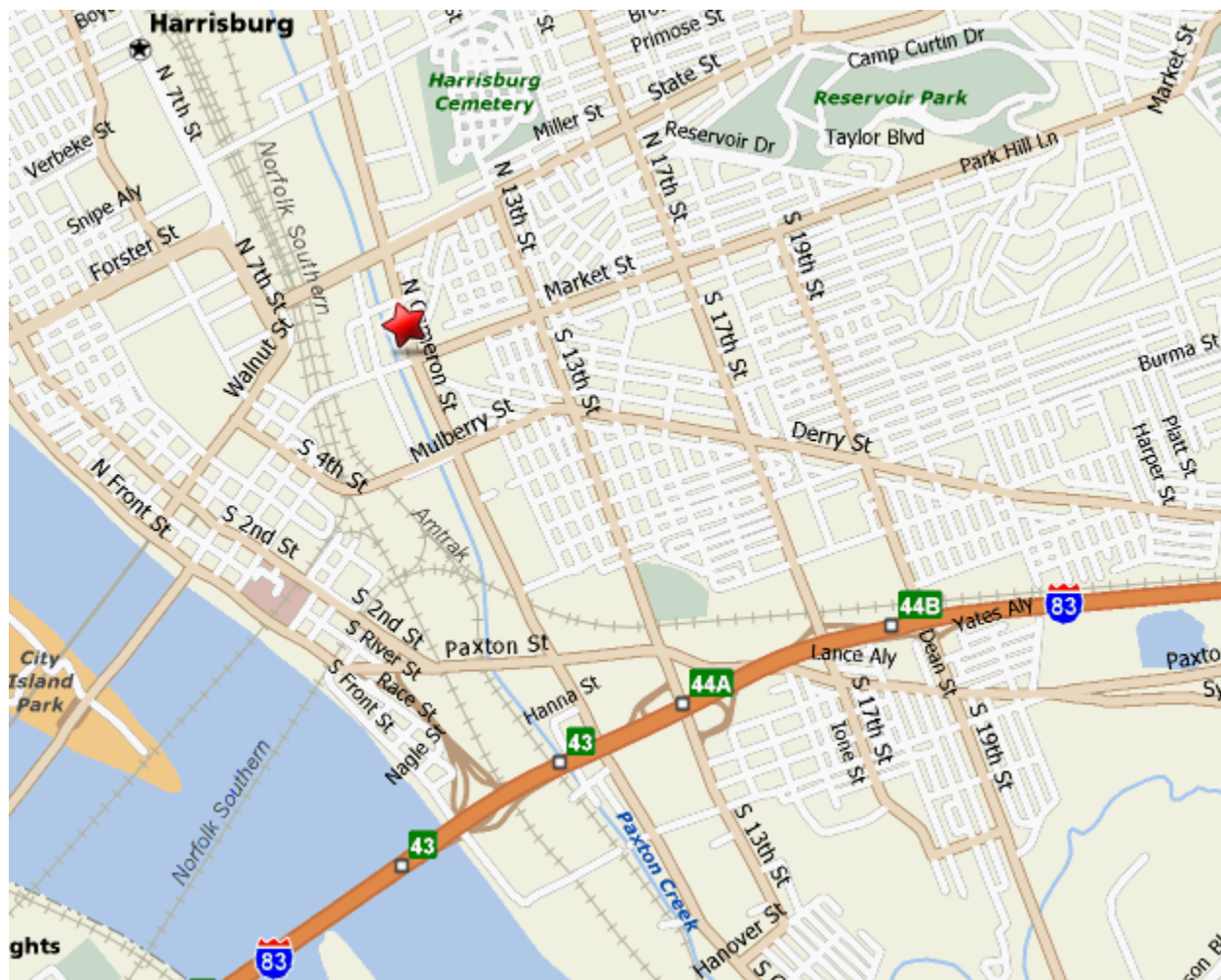
83 to exit 44 – 13th Street
13th Street North, Left on Paxton Street
Right on Cameron Street

From Lancaster:

283 West to 83
83 to exit 44 – 13th Street
13th Street North, Left on Paxton Street
Right on Cameron Street

From York:

83 to exit 44 – 13th Street
13th Street North, Left on Paxton Street
Right on Cameron Street



2007 AHR EXPO®

January 29 - 31
Dallas, TX

co-sponsors:



honorary sponsor:



SEE and COMPARE the most innovative Products and Technologies
presented by more than 1,600 EXHIBITING COMPANIES

The AHR Expo® delivers what HVAC/R professionals
need to know to be successful.

LEARN from the industry experts:

- Free Show-Sponsored Sessions - what you need to know about Building Automation & Integration
- Free ASHRAE Public Session
- Free Educational Program presented by Endorsing Associations
- ASHRAE Short Courses (with credits)
- Limitless learning opportunities at concurrent ASHRAE Winter Meeting

STIMULATE new ideas on the Show floor:

- ▶ New Product Technology Theaters
- ▶ Building Automation and Control Showcase
 - ▶ Software Center

DISCOVER new products, technologies and services that meet today's challenges in:

- ▶ Energy Efficiency
- ▶ Building Automation & Control
- ▶ Green Building Technology
 - ▶ Indoor Air Quality
- ▶ Alternative Energy Sources
- ... and much more

visit www.ahrexpo.com for more information
or contact Show Management at Tel: 203.221.9232 • e-mail: info@ahrexpo.com