

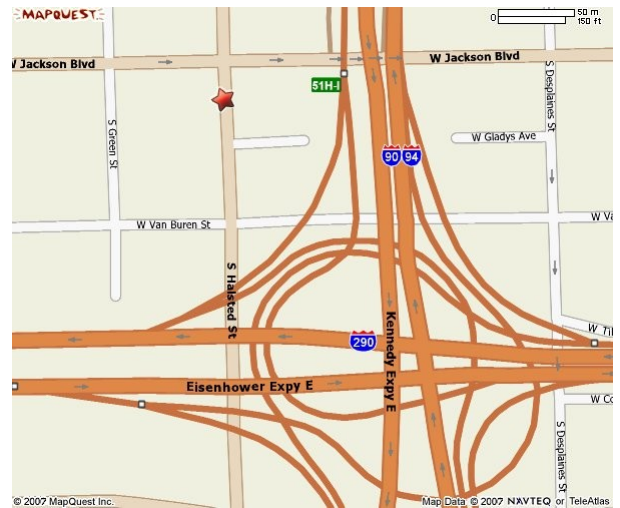
Chicago ASPENEWS



Chicago Chapter of the American Society of Plumbing Engineers
Vol. 40, No. 3
October, 2008

General Meeting Thursday October 16, 2008

The Parthenon
314 South Halsted
Chicago, Illinois
Free Valet Parking



AGENDA

- | | |
|---------------|---|
| 5:30pm-6:30pm | Cocktail Hour; <i>Beer Laureate RC Sales/A.O.Smith (free beer and wine)</i> |
| 6:00pm-6:30pm | Primer: Water Heater Controls
<i>Rick Butler of Luczak Sales</i> |
| 6:30pm | Dinner - \$25 Members / \$30 Non-Members |

MENU

Appetizers

- Saganaki, Taramosalata and Gyros

Dinner

- Greek salad
- Moussaka (eggplant w/meat sauce)
- Pastitsio (Baked macaroni w/ meat sauce)

- Dolmades (Grape leaves stuffed w/meat and rice)
- Rotisserie Roasted Lamb (Cooked sheep meat)

Dessert

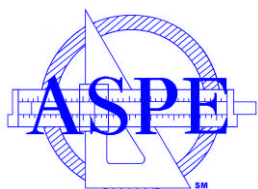
- Baklava
- Galaktoboureko (fancy dessert, really good)
- Coffee

7:45pm

Technical Program: High Efficiency Water Heaters, When is the Proper Application?
Howard Holliman of A.O. Smith Water Heaters

RSVP as soon as possible to Bruce Weiss, VP Technical!

- Return the enclosed card (for those of you getting this via US Mail)
- Call 312 960.8143
- Fax 312 527.8143
- Email Chicago.ASPE.RSVP@gmail.com (NEW EMAIL ADDRESS!!)



Local Chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

Fasten Your Seat Belts!

ASPE Chicago's 2008-2009 season launched like a rocket! What? You weren't there? I'm sorry you missed it. You still have a chance to take part in our October meeting. Get your RSVP in TODAY! (SEE THE COVER FOR ALL THE INFO) It will be at the Parthenon October 16 and we will be learning about high-efficiency water heaters. We realize that Athens is a long trip, but it will be worth the effort. Oh wait! It's not *THAT* Parthenon! It's the one in Greek Town, not Greece. My Bad! Be there anyway! It's one of our favorite venues!



Last Chance: 2008 ASPE National Convention and Engineered Plumbing Exposition – October 25-29, 2008!

As everyone knows, the ASPE Convention is **this month** in Long Beach, California. You can find registration information on the ASPE website www.aspe.org. You can also find the latest information about the Convention here: http://aspe.org/new/Conv_Symp/conv-symp2008.php

WHAT????? You have never attended a national convention???? What were you thinking??? Sign up now! The hotels are filling up fast. Hyatt is sold out but other hotels still have limited availability. JUST DO IT!



ALL THE KOOL KIDS ARE GOING!

At least: Jason, Bruce, Don, Phill, Peter, Jerry, Frank, Mark, Joe, Dan, Jeff, Bob, Rick, Dick, Sean, Julius, Tim, AND THOUSANDS OF OTHERS! What about you?

You are probably too late to get into the Convention or hotels, but you might get lucky. Let us know if you need help getting in. We'll do our best to hook you up!

Seriously, the ASPE National Conventions and EPE's can be life-changing. This is especially true for the experience of being a delegate, but also for non-delegate attendees. The seminars are top notch. The EPE is HUGE! You will see things that you just don't get to see locally, even in Chicago. The networking opportunities are also greater than any other venue. Join us at the Convention and see it for yourself.

The Chicago Chapter has signed on as a Platinum Sponsor for this Convention. How about you? This is a chance to be involved in ASPE. There are also MANY more tangible benefits *to sponsors*. Check the ASPE web site for more info: <http://www.aspe.org/new/index.php>

Send all **COMPLAINTS** to fxs@grummanbutkus.com!



(continued on page 3)

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("C" is required)

PRESIDENT'S MESSAGE (continued)



Sign'em up!

Please make sure that you are using the **current applications** when you invite new members to join our crew. They can be found here: http://www.aspe.org/new/About_ASPE/aspe-membership.php

Online membership RENEWAL is here: <https://aspe.org/new/RSA/Renewal/LookUpMember.php>.

2008-2009 ASPE Chicago - Check out Bruce's schedule at the end of this newsletter. Please take a look and **REMEMBER**, some of it is still "**TENTATIVE**" and subject to change. Do you have a program you want to see? Do you want to present? Do you have a good meeting location in mind? Please let us know. Contact *your VP Tech, Bruce Weiss* (bweiss@owpp.com) with any questions, comments or ideas for our technical presentations for the upcoming year. **AND you may want to thank him for his efforts to bring you the best programs possible.**

What does ASPE mean to you?

What services and products would **YOU** like to see from ASPE? Please let us know if you have any good ideas for our Chapter. Just call me: 312 456.2359, or email me: ddebord@esdesign.com.

We are here to serve you.

See you October 16!

David DeBord, CPD LEED AP; President

ddebord@esdesign.com; 312 456.2359



SEPTEMBER MEETING RECAP

The Primer

Bryan Fonseca of Repco Associates showed us the latest offerings from Sloan Valve in regards to **Zero Power Fixtures**. The fixtures either used no power, such as a waterless urinal, or used very little power and had their batteries supplied by solar cells. Photovoltaic power is powering faucets and flush valves in the Sloan product line. Sloan has been very progressive in both water and power conservation in plumbing fixtures and I'm sure we will be seeing Bryan and Repco

Associates AGAIN in the near future.

Special mention of important item:

Repco Associates was the September Beer Laureate, thanks Repco!

Technical Program

The main technical presentation of **LEED Plumbing Fixtures** was presented by Philip Schrieber of Kohler Company. Not only did he discuss LEED, but he also discussed at length the resource of water and how limited it is. The presentation was excellent and Philip covered a full spectrum of the LEED process as it relates to plumbing fixtures and the water efficiency (WE) credits.

Bruce Weiss, CPD; Vice President Technical

bweiss@owpp.com; 312 960.8143

MEMBERSHIP UPDATES

Remember that if you change companies, email addresses, personal information and the like, PLEASE contact your VP Membership Rick Butler ASAP (rick@luczak.com or 847 781.5100). This will ensure that you keep getting your ASPE mailings and that your directory information will be accurate. Thanks!



COMING ATTRACTIONS, also known as THE OCTOBER MEETING

The Primer

Water Heater Controls Presented by Rick Butler of Luczak Sales

Controls can make it possible for engineers to have their hot water systems perform better. The ability to control the firing of multiple heaters or boilers, control the pumps on the hot water system, and remotely monitor or control the hot water system are all part of the possibilities. Rick Butler (VP Membership) of Luczak Sales will be giving a brief presentation on HBX water heater controls.

The Technical Program

High Efficiency Water Heaters- When is the Proper Application? Presented by Howard Holliman of A.O. Smith Water Heaters

The new generation of water heaters is leaner and meaner than ever before. Manufacturers are meeting the demands of energy conservation by producing high efficiency water heaters and, in fact, these types of heaters are becoming the leading sales items. Sales of high efficiency heaters have been out pacing the standard water heaters in the last year (information from A.O. Smith).

When do you use a high efficiency heater and when will you get the proper payback to justify the increased premium required to purchase this type of heater? Design and installation factors such as special venting and piping will be discussed. To learn about this and other items an engineer needs to know about high efficiency heaters, come to the meeting to meet Howard Holliman of A.O. Smith.

A bit of information on the speaker:

Howard Holliman is the Specialty Commercial Product Manager for A.O. Smith Water Heaters. Howard has worked in this position for the last 12 of his 15 years with A.O. Smith. As Specialty Commercial Product Manager, he has a direct product responsibility for A.O. Smith's copper boiler lines and large volume gas and electric water heaters. In addition, Howard manages the hot water storage tanks and the custom-built products such as skid systems and hot water generators that are built to meet the customer's specifications.



Overall, Howard has some 30 years of experience working in the water heating industry. Before joining A.O. Smith, he worked for a large mechanical contractor selling and installing commercial water heating systems and then later as a manufacturer's representative for a competitive copper boiler line in North Texas.

I would like to extend a special thanks to R.C. Sales and George Pagach for helping the Chicago Chapter set up this technical presentation.

Bruce Weiss, CPD; Vice President Technical
bweiss@owpp.com; 312 960.8143

FELLOW AFFILIATES



ASPE Convention

We hope you are able to attend the ASPE Convention in Long Beach October 25-29. It is a great opportunity to visit your Manufacturers and network with other Reps and, of course, Engineers.

Our fall meeting schedule is underway and that means that **Booster Night** is just around the corner. You will soon be receiving information on how you can help support this event to make it a success. Bruce Weiss, our VP Technical is working hard to make this our best one ever.

Richard Simms, Affiliate Liaison
dsimms@deery-pardue.com; 630 350.7575



WORDS FROM THE TREASURER

Chicago Chapter members,

I would like to take the time to say that it was great to see some new faces at the September meeting at La Villa Restaurant. This year is the ASPE Convention in Long Beach California. I hope that some of our members will be able to take advantage and participate in the opportunity to learn new ideas and see new products within our industry at this year's Convention.

The 2008 year has begun and it is great that we can put work aside and mingle with fellow members and tell stories of accomplishments both old and new. I would like to give you some old facts that might be new to all of us.

A few Plumbing Facts

- **Albert Einstein** was named an honorary member of the Plumbers and Steamfitters Union after saying publicly that he would become a plumber if he had to do it all over again.
- The world's most famous plumbers are probably video game superstars **Mario and Luigi**, of Nintendo's Super Mario Brothers series.
- Copper piping, which is the #1 material used for plumbing work in today's world, is the same material that the Egyptians used to lay their own pipe - some **3,000 years ago!**

Hope to see many of you again at our October meeting!!!!

P.S. All hail LAU!!!

Mark G. Mannarelli, Treasurer

mmannarelli@esdesign.com; 312 456.2354



SEPTEMBER 2008 MEETING ATTENDANCE

The following list of individuals attended the September 2008 meeting of the ASPE Chicago Chapter. In accordance with ASPE Society policy, these individuals are entitled to 0.75 RU's towards the required 24 RU's needed every two years to maintain CPD registration. Meeting attendance is also recognized by the Illinois Department of Professional Regulation to count as 1 PDH towards the required 30 PDH's needed every two years to renew Professional Engineering licenses.

Steven Adams	Bryan Fonseca	Kerbie Reader
Theresa Allen	Brian Hank	Rich Redmond
Sean Allard	Larry Harpster	Javier Rodriguez
John Bathke	Dick Klaess	Jason Romano
Tom Caldat	Scott Jagodzinski	Frank Sanchez
Jeremy Cantor	Don Johnson	Phil Schriber
Jeff Cochran	Mike Karnatz	Alex Sirota
Todd Cooper	Mark Kaulas	Emily Smith
Ken Cutler	Val Kurdaliev	Glen Smith
Mike Cwanek	Lindsey Lehman	George Swietczak
Bob Dahlmann	Joe Leonard	Mike VandenBergh
Andy Daley	Brian Makenas	Harold Weil
Ralph Dantino	Mark Mannarelli	Bruce Weiss
Dave DeBord	Nevo Martelli	Dave Wick
Tony DiVito	Tracy McAuliff	Chris Wisinski
Jim Feeney	Michael J. McGann	Mel Withrow
Joe Ficek	George Pagach	Marion Wnuk
Otton Finiewicz	Howard Pawlak	Dave Wolniak

This printing constitutes our record of who was in attendance. We apologize for any misspelling of names and ask that for future sign-ins, please print legibly. Thank You!



CORRESPONDING STUFF

SFPE, www.chicagosfpe.org

Fire Protection Engineering PE Exam Writing Session on October 21

The session will be held at the XL office; 190 S. LaSalle, Suite 950, Chicago, IL at 9:00am. Anyone interested must be a current licensed PE in any discipline.

- The session will last 4 hours and include lunch.
- Each participant will earn 0.8 CEU's.
- Participants should bring a copy of the SFPE Handbook if they have a copy.

Anyone interested in attending should contact:

Dan M. Fritz, P.E. Senior Account Consultant,
XL Insurance America, Inc.; 190 S. LaSalle Street, Chicago, IL 60603
Phone 312 444.6551; Fax 312 444.6501 - daniel.fritz@xlgroup.com

ASHRAE, www.illinoisashrae.com

YEA Networking Event

Thursday October 2, 2008; 5:30-8:00pm
O'Callaghan's Pub; 29 West Hubbard Street; Chicago Illinois

USGBC & ASHRAE Joint Meeting – The Cold Hard Facts: HVAC

Thursday October 9, 2008; 5:30–8:00pm
Columbia College; 1104 South Wabash, 8th floor; Chicago, Illinois

CSI, www.csichicago.org

“Demystifying the LEED Process”

The Union Club – Crystal Room; 65 W. Jackson; Chicago, Illinois
5:00pm Registration, 5:30pm Dinner; 6:30pm Presentation
Cost: Complimentary for CSI Members, \$40 for Non-members
Continuing Education: 1.0 AIA/CES in Sustainable Design

OWP/P is a third party reviewer of LEED submissions on behalf of the U.S. Green Building Council (USGBC). Rand Ekman, leader of OWP/P's sustainable design group will provide valuable insight into the process and how to avoid common misunderstandings resulting in delays or loss of points. The presentation will focus on the following key concepts:

- Provide an overview of the different LEED programs available.
 - Provide an overview of the LEED process.
 - Present case studies that illustrate common submission problems.
 - Provide information on forthcoming LEED Changes.
-

The Dads' Chapter of the Leukemia Research Foundation, www.leukemia-research.org/dads

(the folks who helped us with the Ride to the Rock)

5th Annual Rockin' for a Cure

Wednesday November 19
Durdy Nellie's Pub; 180 N. Smith Street; Palatine, IL; <http://www.durtyneillies.com/>
Tickets are \$25 in advance and \$30 at the door (price includes your first drink and chips and salsa on the table)

Great music, great raffles, great cause and Wayne Messmer as the emcee! As one of the bands puts it... "Music you remember from the nights you don't!" For tickets or other information, contact Jason McDonald (jsm@grummanbutkus.com).

Jerry Fields; Corresponding Secretary

jerry@luczak.com; 847 781.5100



AS I KNOW IT

If you are not LEED certified, I suggest that you consider taking the exam. It has become an important part of our work, and will only grow in the future. Of course, the CPD exam should be your highest priority! After that, the LEED exam is cake!

"I should've been a plumber."
- Albert Einstein

LEED credits are about to change in 2009!!

The current water credits for New Construction are:

2008 LEED Points for Water		
Credit #	Credit Description	Points
Credit 1.1	Water Efficient Landscaping, Reduce by 50%	1
Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	1
Credit 2	Innovative Wastewater Technologies	1
Credit 3.1	Water Use Reduction, 20% Reduction	1
Credit 3.2	Water Use Reduction, 30% Reduction	1
Total Points		5

The proposed 2009 credits are:

2009 LEED Points for Water		
Credit ID#	Credit Description	Points
Prereq 1	Water Use Reduction, 20% Reduction *Required*	0
Credit 1.1	Water Efficient Landscaping, Reduce by 50%	2
Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	2
Credit 2	Innovative Wastewater Technologies	2
Credit 3.1	Water Use Reduction, 30% Reduction	2
Credit 3.2	Water Use Reduction, 40% Reduction	2
Total Water Use Reduction Points		10



The distribution of the points has also been revised:

Point Distribution Comparison		
Section	New %	Previous %
Sustainable Sites	25.5	24.6
Water Efficiency	9.1	8.2
Energy & Atmosphere	33.6	23.0
Materials & Resources	11.8	18.0
Indoor Environmental Quality	10.9	18.0
Innovation in Operations	5.5	8.2
Regional Bonus Credits	3.6	---

The water credits are still some of the easiest credits to get and we should be getting them for most projects. There are other credits related to plumbing such as energy credits and innovation credits. For more information, attend the 2008 ASPE National Convention and come to my seminar!

David DeBord, CPD LEED AP; President
ddebord@esdesign.com; 312 456.2359

2008-2009 ASPE Chicago Chapter Meeting Schedule

DATE	PRIMER	TECHNICAL	LOCATION
September 18	Zero Power Fixtures; Repco Associates	Plumbing Fixtures and LEED; Kohler Company	<i>LaVilla 3638 N Pulaski Chicago</i>
October 16	Water Heater Controls; Luczak Sales	High Efficiency Water Heaters - When is the Proper Application?; A.O. Smith	<i>The Parthenon 314 S Halsted Chicago</i>
November 20	Medical Gas Outlets; Ohio Medical	Rainwater Recovery and Controls; Luczak Sales, J.R. Smith & AMT Pumps	<i>Rosewood Restaurant 9421 Higgins Rosemont, IL</i>
December 18	Booster Night; Special Entertainment		<i>LaVilla 3638 N Pulaski Chicago</i>
January 15	Acid Waste and High Purity Piping; Zurn Acid Waste Piping	Alternative Venting Methods; Joint Meeting	TBD
February 19	CPVC Sprinkler Piping	Clean Agent Fire Systems and Proper Room Design; Reliable Fire Equipment	<i>The Parthenon 314 S Halsted Chicago</i>
March 19	Point-of-use Water Heaters; Chronometer & Deery- Pardue	Solar Water Heating; Bornquist	<i>LaVilla 3638 N Pulaski Chicago</i>
April 16	Technical Seminars	38th Annual ASPE Chicago Product Show	<i>White Eagle 6839 Milwaukee Ave Niles</i>
May 21	Elections	Vacuum Plumbing Systems; Deery-Pardue	<i>The Parthenon 314 S Halsted Chicago</i>
June 19	Annual ASPE Chicago Golf Outing		<i>Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates</i>
July 18 (tentative)		ASPE Ride to the Rock	 <i>Chicagoland to Starved Rock</i>