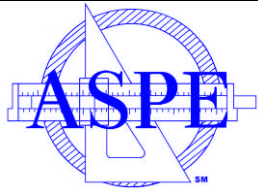


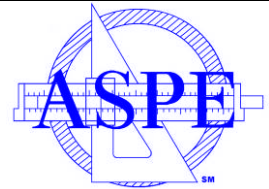
Chicago ASPENEWS



Chicago Chapter of the American Society of Plumbing Engineers
Vol. 39, No. 9 April, 2008



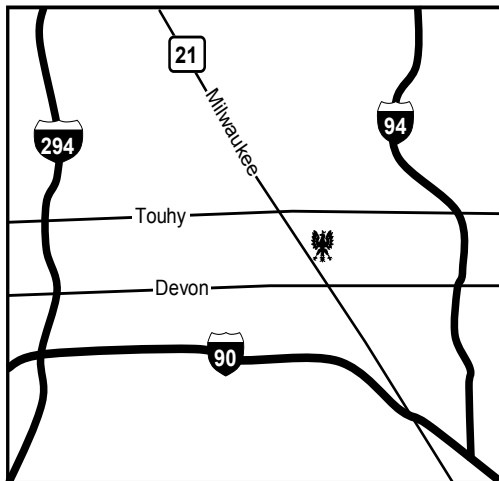
37th ANNUAL ASPE CHICAGO PLUMBING SHOW & TECHNICAL SEMINARS



Thursday April 17, 2008

White Eagle Restaurant; 6839 N. Milwaukee Ave.; Niles, IL
(see flyer inside)

Seminars, Exposition, Dinner, Door Prizes
Plenty of **FREE** Parking



Over 200 Manufacturers and Representatives will be showing their engineered plumbing products. Show admission is **FREE!!!** Buffet dinner tickets will be available at the door on the day of the show or in advance (\$25.00/ticket) by mailing a check to:

Frank Sanchez, CPD
VP Legislative/ Product Show Chairman
Grumman/Butkus Associates
820 Davis Street; Suite 300
Evanston, IL 60201
Phone: 847 328.3555 x251; Fax: 847 328.4550
Email: fxs@grummanbutkus.com

11:30am - 4:15pm

- ◆ Technical Seminars (all earn ASPE CEU's; FOUR hours earn State of Illinois CEU's); **Cost - FREE**

3:30pm - 8:30pm

- ◆ 37th Annual ASPE Chicago Chapter Product Show; **Cost - FREE**

5:30pm - 7:00pm

- ◆ Buffet Dinner; **Cost - \$25**

Buffet Dinner Menu; 5:30pm - 7pm; \$25

- Bread and Butter — Chlebi Maslo
- Sauerkraut and Polish Sausage — Kapusta-Kielbasa
- Mushroom & Barley Soup — Grysyby Krupnik Zuba
- Beef with Gravy — Pieczen Wolowa
- Coleslaw — Salata Kapusta
- Noodle & Chicken Livers — Kluski Watrobi and
- Mashed Potatoes — Kartofle Tluczone
- Vegetable — Jarzyny Pastry — Cjasto
- Roast Chicken — Kura Pieczona
- Coffee, Tea, Milk — Kawa, Herbata, Mleko

Local Chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

THE PRODUCT SHOW IS COMING! THE PRODUCT SHOW IS COMING! THE PRODUCT SHOW IS COMING!

People don't always seem to catch our dinner announcements at the meetings. Maybe they are having too much fun. Anyway, in case you are in a coma or something, you should know that our ASPE PRODUCT SHOW is coming up this month! If you are an Exhibitor, you are already TOO LATE! If this HAS slipped past you somehow, give us a call ASAP (contact Frank Sanchez at fxs@grummanbutkus.com or 847 328.3555 x251). We will try to squeeze you in!

Mark your calendar and be there **April 17** for the seminars and the show. There's dinner, too, as you know. The Product Show Committee meetings are over for this year, but we are already thinking about next year. Frank Sanchez is the Product Show Chairman this year, so contact him if you have any questions or comments.

Our raffle proceeds from the Product Show will go to the ASPE Ride to the Rock/Leukemia Research Foundation! It's not exactly a "50/50 Raffle", because there are lots of prizes instead of just one. Lots of great prizes and a few cash prizes too.

Thanks for your support! **See you April 17th at the White Eagle in Niles!** See other parts of this newsletter for additional information.

Holy Thursday Batman!

Pull out the obrometer and rig for pluvisity! The Vernal Equinox passed and brought plenty of rain with it! Maybe the lephrechans didn't show up for our corned beef and cabbage dinner because they didn't want to get wet. Their loss! We did see a couple of sprites, but we didn't actually see any rain at the meeting. **Actually**, and this is related to the rainwater topic, with all the precipitation that the Midwest has seen this winter, Lake Michigan is up about 4" recently, but still down about 6" lower than it was last year at this time! Don't take water for granted. I'm including some water trivia at the end of this newsletter. See if you are surprised by anything.

The March speakers addressed some aspects of LEED. Our primer reviewed various low-consumption plumbing fixture alternatives. Our "Main Event" was about rainwater catchment and re-use. It is a relatively new subject for most of us, but you will surely be faced with it in the near future, if not already.

The 50/50 Raffle proceeds from our March meeting will go to Water for People. For more information check this out: <http://www.awwa.org/About/Content.cfm?ItemNumber=29231&navItemNumber=1639>

There are only 2 meetings left this year: April and May.

April is the Product Show. Then of course we still have the Golf Outing June 20th. May is election night. As far as we know, the current BoD will continue in their positions, **but** you can run for a position if you so choose. We generally consider each term to be 2 years, but it is open, so toss your hat into the ring. Send us a note to get on the ballot. Nominations will not be taken from the floor. We will also vote on the 2008 Convention delegates. If you want to represent our Chapter in October, please see the note on the next page.

RSVP = Répondez s'il vous plaît = Respond if you PLEASE!

Keep those emails coming and win a free dinner! Dave Wick won again! Hey, maybe more of you need to RSVP! Please try to RSVP: bweiss@owpp.com

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Donald Johnson

WEBSITE

<http://www.aspe.org/Chicago>
("C" is required)

(continued on page 3) →

PRESIDENT'S MESSAGE (continued)

2008 ASPE National Convention



Plan Now to Attend the 2008 ASPE Convention and EPE

ASPE National is in the midst of planning an exciting Convention, which will be held Oct. 25-29, 2008, in Long Beach, CA. Intense educational sessions of the highest caliber and fun special events will be included. The Engineered Plumbing Exposition (EPE – aka product show) promises an array of exhibitors who will showcase the newest products in the industry. Attendees will have numerous opportunities to win prizes with our Expo-opoly game. Visit www.aspe.org for more updates. **THIS SHOW IS ABOUT AS BIG AS THE CHICAGO AUTO SHOW!**

Have you ever been to an ASPE Convention? It is a mind-expanding experience for sure. Or was that the 60's? ANYWAY, your Chicago Chapter will need delegates to attend the meetings, and to vote on various bylaw amendments, etc. Not to mention that this includes a gigantic product show, door prizes of laptops and vehicles, and seminars of the highest caliber. There is work to be done, but there will be some fun too, and lots of networking and learning opportunities. **If you would like to be considered as part of the entourage, please send us a note as to why you would like to be considered a candidate for a delegate position. Send that to our Administrative Secretary, Natalia Dankanich. Her email is nkd@grummanbutkus.com.** We will vote on the candidates at our May ASPE meeting. Stay tuned for more details.

Special thanks to Joe and Jason for running the CPD REVIEW CLASS

Joe Ficek and Jason McDonald, both of Grumman/Butkus Associates, and BOTH also Past ASPE Presidents, busted their butts to create and teach this great class! It really helps to increase the exam success rate. **THANKS GUYS!**

CPD REcertification Deadline is Right Around the Corner!

Having CPD status also requires that we maintain it. Some of our CPD Certifications expire on April 30, 2008. Please submit your CPD renewal application by May 1, 2008. Hey, it's a heck of a lot easier than the exam! If you fail to recertify you may have to take the exam again!

Please check this link for more info: <http://www.aspe.org/new/CPD/CPDReCertificationPackage.pdf>. If you have any questions, please contact Stacey Kidd at SKidd@aspe.org.

Special Offer for New Members

If you sign up to be an ASPE Member in the next few weeks, you will be eligible to receive the brand-new *Plumbing Engineering Design Handbook, Volume 3: Special Plumbing Systems*. As an added bonus, you also will receive *PEDH Volume 2* (2005 edition). Reference promo code **08PEDH** on your [new member application](#) to receive this special offer. (**Offer is good while supplies last.**)

David DeBord, President

GOLF OUTING 2008



This year's outing will be held on **June 20, 2008** at **Hilldale Country Club** in Hoffman Estates. We will start with a "Shot-Gun" tee-off at 8:30am (**please** note the time – this is the **start** time, **not** the "show-up" time). Coffee, juice and rolls will be served from 7:30am–8:30am in the snack shop (sponsored by **Luczak Sales**) and beverages will be served throughout the day. There will also be special displays and activities as you play the course. As in years past, lunch will be served between the 9th and 10th holes (sponsored by **Metropolitan Industries**). Shower and locker facilities are available in the clubhouse so you can freshen up after your round. Cocktails (cash bar) will begin at 4:00pm with a buffet style dinner to follow at 5:00pm.

Reservation forms were mailed out to all Affiliate members at the end of March. As you know, because of the "Shot-Gun" start, we are limited to 152 golfers; so when this limit is filled, we **cannot** accept any more golfers. Reservations will be accepted on a "First Come-First Served Basis". Each Manufacturer, Sales Rep., Supplier, etc. is limited to two (2) foursomes. Don't delay in returning the reservation form. You don't want to be left out!

Steve Triphahn, Golf Outing Chairman (224-293-6333)



WHAT'S IN IT FOR ME?

After you have been to several Product Shows you forget what you get out of it. It's a good time to remember that ASPE is more about the relationships with your fellow engineers and affiliates than anything else the Chicago chapter could offer anyone.

Besides the relationships I mentioned above there is the show itself and we have something for everyone. First off the Product Show offers top of the line seminars presented by industry professionals. Since we now offer twelve hours (count them – 12!) of professional development seminars we may want to change the name. Secondly we offer the affiliates an opportunity to see both familiar and the not so familiar clients in one place and in one day. Finally there is the outstanding White Eagle buffet which is like that familiar meal over the holidays with friends, in this case 300 plus plumbing engineers and affiliates.

The Product Show is much more than a huge room full of booths, it's OUR annual mini-convention and we want everyone there.

MARCH MEETING RECAP

Thank you Repco Associates for being our Beer Laureate for the March meeting.

The Primer

We started off the meeting with a great primer on a brief history of the LEED program as it relates to water savings presented by John Watson of Sloan Valve Company. John also did an overview of the LEED calculation process and what that entails. I want to thank Repco Associates and Bryan Fonseca for helping me to arrange this program.

The Main Program

Water conservation and recycling is the new unknown territory in our industry. I want to start by extending a thank you for Metropolitan Industries for accepting my invitation to speak on this topic. Paul Larson, PE, Kent Swanson, and Mike Ponx put together a nice program. The need for water conservation was covered quite well as well as a wide range of different water conservation projects. Each of these projects presented different problems and unique solutions. Metropolitan was able to touch on one of the new challenges facing the industry and I'm sure we will be seeing more of this within our industry. As they say, water is the new oil.

Open call to Affiliates for next year's primers and technical programs

I am in the process of soliciting primers and technical programs for next year. Please contact me with your program in the next few months.

Bruce Weiss, Vice President Technical



\$19 MILLION FOR A TOILET? THE WORLD'S MOST EXPENSIVE TOILET.

The world's most expensive toilet will not be found on Earth. The Russian designed system was purchased by NASA for the International Space Station (ISS) from S.P Korolev Rocket and Space Corporation. It comes complete with leg restraints and thigh bars. Oh yeah, here's a bonus— it filters the urine into drinking water.

Cost: \$19 million

(Source: [NASA News Release July 3, 2007](#))



KEEP 'EM COMING!!!!

Please join me in welcoming the newest of the new members of Chicago ASPE:

- [John Baethke](#) – John Baethke & Son Plumbing
- [Robert Kogut](#) – John Baethke & Son Plumbing
- [Ryan Ohm](#) - Milwaukee Valve

***Reminder: All three of these individuals received their dinner free, compliments of the Chicago Chapter for signing up at a dinner meeting.*

I see a trend here. the plumbing contractor community is catching on to ASPE. In the last few months we have seen about a half dozen Contractors join. We welcome them to our Chapter and feel they can be a big asset to our organization. We have had several Contractor members volunteer their time and knowledge in the past and we are grateful. You know who you are and thank you!!

Let's start some new trends. Talk to your Architects and Wholesalers! They, too, can benefit from ASPE, especially Chicago ASPE!

Please introduce your fellow Contractors to ASPE. It benefits the whole plumbing community.

Finally, we will have plenty of [membership applications](#) at the Product Show. So bring your friends and colleagues!

Rick Butler, Vice President Membership

MARCH 2008 MEETING ATTENDANCE

The following list of individuals attended the March 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.

Sean Allard	Dan Fagan	Jason McDonald
Brendan Bates	Jerry Fields	John Nowakowski
John Bathke	Bryan Fonseca	Tanya Oberfeld
Bill Bauer	Paul Gangloff	Michael Owen
Phil Blazic	Gabriel Gomez	George Pagach
George Bowbin	Tom Hamilton	Dan Patt
Rick Butler	Herb Hymen	Joel Pedigo
Sergio Cano	Bob Jackson	Mike Ponx
Mike Castellano	Don Johnson	Kerbie Reader
Jeff Cochran	Mark Kaulas	Dennis Richards
Manuel Cordero	Robert Kogut	Frank Sanchez
Ray Cruz	Val Kurdaliev	Kieth Seier
Mike Cwanek	Paul Larson	Dick Simms
Natalia Dankanich	Apple Lau	Kent Swanson
Ralph Dantino	Terry LeBeau	George Swietczak
Dave DeBord	David Lehman	John Watson
Jamie Diamond	Steve Lipsey	Harold Weil
James Dipping	Brian Makenas	Bruce Weiss
Jill Dirksen	Mark Mannarelli	Dave Wick
Tony DiVito	Shawn Mansfield	Dave Wolniak
Jason Domino	Nevo Martelli	Peter Wu
Vince England	Tracy McAuliff	

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!



**PRODUCT SHOW
UPDATE !**

PRODUCT SHOW COMMITTEE REPORT

The Product Show Committee has been working hard to finalize the show and we are almost ready for the big day! Our seminars are lined up and we expect to display over 90 booths.



NEW!! NEW!! FOR 2008

FREE SEMINAR ATTENDEE RAFFLE (\$300 value)

After completing each seminar you will receive a ticket, drop this ticket at the ASPE Chicago booth and keep your fingers crossed. Remember, the more seminars you attend the more chances you will have to win the great prize!



FREE LUNCH (Sandwich, fruit, chips and soda)

How about a **FREE LUNCH AND LEARN** at the Show this year? Well, we want to support our members and thank them for making our Chapter the biggest Chapter in the WORLD! So, this year and **AS A TEST ONLY**, to reward those people who stay with us for the whole day (all four seminar sessions AND the Product Show), we will provide (i.e furnish and install) **free lunches** after the first seminar (starting at 11:30 am). So, stay for all four seminar sessions, have lunch on us, collect your **seminar attendee raffle tickets** and come to the Show to collect your PRIZES\$!!

**** To make sure there is a lunch for you as you finish the first seminar, please RSVP to Bruce Weiss at bweiss@owpp.com; 312 960.8143**

Please note that, as in previous years, dinner will be offered as well. However, you will need dinner tickets. Contact your favorite manufacturer's representative for invitation or dinner ticket - you can also purchase them at the door for \$25.

OTHER GREAT PRIZES AND GIVEAWAYS!

PRODUCT SHOW RAFFLE TICKET

As usual, we have great prizes and giveaways. They are free, you only have to fill out ONE (and only ONE) Product Show Raffle Ticket and drop it off at the main entrance.



Last year we had excellent prizes:

- Two 15" Laptops
- Digital Camera
- iPods
- Five \$100 envelopes, and we are talking CASH!!

***Even though we greatly appreciate the gesture, we will not allow any of the prizes to be returned back to ASPE Chicago Chapter. Simply put, if you don't want to keep them, that is your problem! Give them away to your church or favorite charity.*

BOOTH SELECTION NIGHT

The Show is right around the corner, and we have been working hard to make it a success. So far, I have received most of the applications and we already have over 90 booths sold.

We will offer a wide range of seminars, starting at 11:30am and finishing at 4:15pm. Refer to the seminar descriptions on the next page. If you would like to attend please RSVP as soon as possible!

Frank Sanchez, Product Show Chairman
Grumman/Butkus Associates
820 Davis Street; Suite 300
Evanston, IL 60201
847 328.3555 x251; fxs@grummanbutkus.com

BOOTH SELECTION NIGHT

Friday April 4; 6:30pm
 Luczak Sales; 1128 Tower Road;
 Schaumburg, IL; (847) 781-5100
www.luczak.com
 Map: <http://tinyurl.com/26fr3a>

RSVP ASAP to: fxs@grummanbutkus.com
 or 847 328.3555 x251



ROOM 1 - Green and LEED Seminars

Water Conservation Fixture Systems

Presented by Pat McQuillan of Zurn Engineered Water Solutions
 11:30 am -12:30 pm (1.0 hour)

Pat is currently the Sales and Marketing Manager for Strategic Accounts at Zurn where he has worked for over seven years. Pat has over 16 years of experience in the HVACR and plumbing industries. Pat has earned a BSME degree from the University of Michigan and an MBA from DePaul University. This presentation gives a survey on water conservation issues, evaluates water supply and consumption costs, discusses LEED certification and Water Efficiency credit, and specifies water and energy savings fixture systems. Also discussed are national trends in sustainability as it relates to commercial plumbing systems.

Solar Thermal Water Heating

Presented by Mark Kaulas of Bornquist
 12:45 pm -1:45 pm (1.0 hour)

Mark's career spans 30 years as a manufacturers' representative. He is a graduate of the University of Illinois. Mark is an active member of the Chicago ASPE Chapter; having served on its Board of Directors, and also participating on a number of its committees including an Illinois Plumbing Code advisory panel. Mark will discuss the sizing and use of solar domestic water heating systems, including design methods, types of systems, and troubleshooting. There is more to these systems than meets the eye and they are becoming more and more popular. This seminar will present information that will prove indispensable in understanding, designing and maintaining these systems.

Rainwater Reuse

Presented by Ed Crawford of RMS Engineering, LLC (J.R. Smith)
 2:00 pm - 3:00 pm (1.0 hour)

Ed Crawford has 25 plus years of leadership experience in a variety of industries and activities including lobbying at the state and federal levels. Ed lobbied Virginia's first Rainwater Harvesting Bill which passed without a single no vote. Ed currently is Vice President of Rainwater Management Solutions. He oversees installations of rainwater systems for RMS and assists with the installation of systems designed by other firms using RMS products and equipment. In this seminar, Ed will give a general overview of rainwater harvesting and the components required for a low maintenance high quality system.

Plumbing Codes and Green Building Design

Presented by Julius Ballanco of JB Engineering
 3:15 pm - 4:15 pm (1.0 hour)

Julius is well known throughout the country as one of the most knowledgeable experts in the plumbing industry. He is President of JBA, a renowned engineering and consulting firm in Indiana. You have probably seen him on television, especially the History Channel. Julius' seminar will cover a history of plumbing codes, brief overview of the Uniform and IPC Codes, discuss how LEED and USGBC relate to the plumbing industry (gray water irrigation, waterless urinals, water conservation, dual flush, high efficiency toilets, and other topics.

ROOM 2 - ** Illinois State Plumbers Continuing Education credits are available for these seminars only.

Alternate Venting Methods - Venting Beyond Individual Fixture Venting

Presented by George B. Swietczak, Plumbing Inspector for the Village of Villa Park, IL
 11:30 am -12:30 pm (1.0 hour)

George started in the plumbing industry as a Local 130 apprentice in 1968, becoming a journeyman in 1971. He is a plumbing program instructor for the Associated Building Contractors Association since 1992. This seminar will address several venting methods besides the individual venting and common venting of fixtures. Combination waste and vent, circuit venting, island, wet and stack venting will be discussed along with diagrams to illustrate the proper usage, sizing and application per the Illinois State Plumbing Code.

Sewage and Sump Pump/Storm Water Systems

Presented by Mike Ponx and Mark Brickey of Metropolitan Industries
 12:45 pm -1:45 pm (1.0 hour)

Mark Brickey has been involved in the Pump business for over 30 years, and he is currently the Sales Manager for Metropolitan Industries. His past duties have included Commercial Sales Manager and National Sales Manager. Mike Ponx has been employed with Metropolitan Industries for 19 years. Mike is currently the Chicago Sales manager and involved with designing and supplying various pumping systems for commercial applications. They will provide brief discussion of sewage and sump pumps and their construction, operation, features, benefits of each style, proper pump sizing and control options.

High Efficiency Condensing Water Heaters - Their Application and Payback

Presented by Van C. Culbertson of LAARS Heating Systems
 2:00 pm - 3:00 pm (1.0 hour)

Van has been in the HVAC and plumbing industry for over 30 years. He has an Environmental Science degree from Cleveland Institute of Technology. For the last 7 years Van is the Central Region Sales Manager for Laars Heating Systems Company. He promotes and sells standard and high efficiency boilers and water heaters. With all the manufactures of hot water heaters offering high efficiency units (some having efficiencies in the 95 percentile) it is becoming difficult to choose the proper product for the application. Van Culbertson will explain high efficiency heater applications and payback, proper installation and piping.

Thermostatic Mixing Valves: Function, Application and Installation

Presented by Les Schnepf of Globe Union Group
 3:15 pm - 4:15pm (1.0 hour)

For the last three years he has been the Sr. Product Support Engineer for Brass plumbing products. Les will be speaking on Thermostatic valves and discuss the following items concerning this product. He will discuss their function including the internal operating methods used by different manufactures. He will also touch on ASSE standards along with proper installation and piping methods.

ROOM 3 - Fire Protection/Med Gas/ Special Systems

Proper Implementation of Variable Frequency Drives on Swimming Pool Systems

Presented by Terry LeBeau of Halogen Supply Co.
 11:30 am -12:30 pm (1.0 hour)

Mr. LeBeau, CPD, has spent over 20 years in the swimming pool industry involving system design, plumbing layouts, chemical solutions and innovative energy saving concepts. In 2007 he revised and expanded ASPE's Plumbing Engineering Design Handbook, Volume 3, *Public Swimming Pools*. This seminar will cover the concepts which support how and why VFDs offer potential savings. We will discuss some lessons learned regarding the effect these drives have on other system components such as chemical feed side streams and pool water heating loops.

Medical Gas Basics

Presented by Dan Patt of BeaconMedaes and Mike Dolak of Medolak, Inc.
 12:45 pm -1:45 pm (1.0 hour)

Mr. Patt has been a medical gas consultant for nearly 20 years and is now a Medical Gas Specialist with BeaconMedaes. Mr. Dolak is the president of Medolak, Inc. and has been a medical gas consultant since 1986. They will give us some insight into the basics of medical gas systems basics. What exactly are these gases being used for? What connects to the outlets we install? We have similar issues with our selection of equipment because there are so many options. Once we get everything installed, we need to make sure we have the proper alarms in case something goes wrong. This seminar will address all of these issues.

Preaction Fire Protection Systems

Presented by Robert Pikula of Reliable Fire and Dave Fisher of Reliable Sprinkler
 2:00 pm - 3:00 pm (1.0 hour)

Robert started at Reliable Fire Equipment Company in 1973 working as a service technician. Currently he is the Corporate Sales and Marketing Manager and Systems Division Operations Manager. Dave Fisher works for Reliable Automatic Sprinkler. This seminar on preaction sprinkler systems will cover the detection and controls to release the system, monitoring requirements, a full description of single and double interlock preaction, deluge valves and a cut-away of the valve assemblies. Question and answer session will follow.

Alternate Methods for Maintaining Hot Water Temperature

Presented by Kerbie Reader and Gordon Roessler of Tyco Thermal Controls
 3:15 pm - 4:15pm (1.0 hour)

Gordon is a graduate of Denison University with degrees in Mathematics & Economics. He is a member of ASPE & ASHRAE and he is the National Sales Manager for Tyco Thermal Controls Commercial Heating Products. Kerbie is a graduate of the University of Michigan with a BSE in Materials Science and Engineering. She has been a Sales Engineer with Tyco Thermal Controls since April 2007 and is an active member of the ASPE Chicago Chapter. This seminar will analyze alternate methods and the challenges of recirculated hot water systems, conserving water by reducing "time to tap". Also, it will discuss conserving energy and explain the proper control and monitoring of your hot water distribution system.

Lunch will be provided AT NO COST to those seminar attendees who stay for all four seminar sessions AND the Product Show.



CORRESPONDING STUFF

ASHRAE, www.illinoisashrae.org

April 16, 12-3pm – Webcast, “Integrated Building Design: Bringing the Pieces Together to Unleash the Power of Teamwork.”

ASHRAE will present a satellite broadcast and simultaneous webcast. Online registration for site coordinators and webcast viewers began March 1 at www.ashrae.org/ibdbroadcast. A flyer can be downloaded at www.ashrae.org/ibdbroadcast. Three PDH credits will be granted for the program. An added benefit of a

\$50 discount will be taken off a one year membership to anyone who joins ASHRAE as a new member in conjunction with the broadcast.

New ASHRAE Design Certification Available

Registration is now open for ASHRAE’s high-performance building design professional certification. The first exam will take place June 25 at ASHRAE’s 2008 Annual Meeting, June 21-25, Salt Lake City. Exams at testing centers around the world will become available in the fall. For more information, or to register, visit www.ashrae.org/certification.

May 6, 2008 - Seminar: Smoke Management Design, 2-5:30pm

Dinner Meeting: Overview of Chapters Regional Conference, 5:30-8pm; Moretti’s (tentative), Chicago, IL

ASSE, www.asse-plumbing.org

K/BIS Show

They’re coming back to Chicago! The most recent show, K/BIS 2007, in Las Vegas was the largest and most successful to date and K/BIS 2008 in Chicago promises to be even bigger and better!

Show: April 11-13, 2008

Conference: April 10-13, 2008

McCormick Place, 2301 S. Lake Shore Drive – Chicago, IL 60616

Phone: 312 791.7000; Fax: 312 791.6543

Show Floor Only Registration

NKBA Member: \$25 (before February 29) / \$35 (after February 29)

Non-Member: \$45 (before February 29) / \$55 (after February 29)

See web site for more information - <http://www.kbis.com/kbisshow/index.jsp>

NFPA, www.nfpa.org

April 16-18; Oakbrook Terrace, IL; call 800 344-3555 ASAP or check out http://www.nfpa.org/catalog/product.asp?pid=JCAHO&query=JCAHO&order_src=A292.

Joint Commission accreditation is essential to your organization’s reputation for safety! Attend this three-day seminar encompassing the Management of the Environment of Care chapter for hospitals and Statement of Conditions compliance based on the Life Safety Code®. Offered by the developers of your health care organization’s most important compliance documents: Joint Commission Resources, an affiliate of the Joint Commission and the National Fire Protection Association (NFPA®).

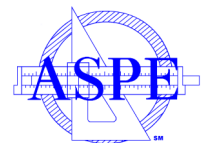
Who Will Benefit:

Hospital engineers, hospital facility managers, hospital safety directors, risk managers, nursing home safety directors, architects and designers, administrators responsible for Joint Commission compliance, health care facility consultants. FREE seminar materials — \$100 Value!

- 2000 *Life Safety Code*
- Student activity book
- Issue of *Environment of Care News*
- Canvas briefcase to bring a customized NFPA seminar to your facility please call 1-877-336-3280 or e-mail onsiteseminars3@nfpa.org.

ASPE Chicago

- Don’t forget to make arrangements to attend this year’s ASPE Product Show. It is our best opportunity to share ideas and take advantage of some great seminars!
- Over 90 Exhibits! 12 full hours of seminars (4 hours in each of 3 rooms) beginning at 11:30am
- Show times 3:30pm until 8:30pm.
- Free Admission at www.aspe.org/Chicago
- I look forward to seeing you all there!



Jerry Fields, Corresponding Secretary



AFFILIATE ACTION

Fellow Affiliates,

The Product Show is just around the corner. Make sure that you have your Booth space reserved. This year's show is expected to be our biggest ever! You don't want to miss the opportunity to show your products to so many Specifiers at one time! Please contact Frank Sanchez (fxs@grummanbutkus.com) or myself (dsimms@deery-pardue.com) if you need information.

Richard Simms, Affiliate Liaison



AS I KNOW IT: SOME INTERESTING FACTS ABOUT WATER

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


1. Humans use more and more water each year.
2. [Americans use five times the amount of water that Europeans use.](#)
3. Humans daily use about 190 liters (50 gallons) of water.
4. A person pays about 25 cents for water use on a daily basis.
5. Two thirds of the water used in a home is used in the bathroom.
6. To flush a toilet we use 6 to 26.5 liters (1.6 to 7 gallons) of water.
7. In a five-minute shower we use 95 to 190 liters (25 to 50 gallons) of water.
8. To brush your teeth you use 7.5 liters (2 gallons) of water.
9. For an automatic dishwasher 35 to 45 liters (9 to 12 gallons) of water is used.
10. Saving a bottle of cold water in the fridge is better than taking it from the tap, because it saves time and water.
11. While brushing your teeth, instead of leaving the tap running, you should fill up a glass to rinse your mouth.
12. Baths use less water than a typical shower. Soaking in a partially filled tub will use less water than a short shower.
13. The average person spends less than 1% of his or her total personal expenditure dollars for water, wastewater, and water disposal services.
14. Less than 1% of the water treated by public water systems is used for drinking and cooking.
15. Bottled water can be up to 1000 times more expensive than tap water and it may not be as safe. Probably about 10,000 times in Chicago!
16. Public water supplies must meet or exceed certain standards. The kind of standards that are used differ for each country. Many public water supplies consistently supply water that is much better than the minimum standards.
17. Four liters (1 gallon) of gasoline can contaminate approximately 2.8 million liters (750,000 gallons) of water.
18. Today, drinking water meets over a hundred different standards for drinking water quality.
19. The principal sources of contamination are associated with the post World War II chemical age.
20. If all new sources of contamination could be eliminated in 10 years, 98% of all available groundwater would then be free of pollution.
21. [Most of the world's people must walk at least 3 hours to fetch water.](#)
22. Freshwater animals are disappearing five times faster than land animals.
23. [It takes 5,680 liters \(1,500 gallons\) of water to process one barrel of beer.](#)
24. It takes 450 liters (120 gallons) of water to produce one egg.
25. To process one chicken we need 44 liters (11.6 gallons) of water
26. To process one can of fruit or vegetables we need 35 liters (9.3 gallons) of water.
27. About 25,700 liters (6,800 gallons) of water is required to grow a day's food for a family of four.
28. [It takes 7,000 liters \(1,850 gallons\) of water to refine one barrel of crude oil.](#)
29. To manufacture new cars 148,000 liters (39,000 gallons) of water are used per car.

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MORAL OF THIS STORY: Don't take water for granted!

David DeBord, President

2007-2008 ASPE Chicago Chapter Meeting Schedule

DATE	PRIMER	TECHNICAL	LOCATION
September 20	Plumbing Pump Controllers; <i>Mike Vandenberg, Daugherty Sales</i>	Fire Pump Controllers; <i>Jim Moynihan, Chicago Technical Sales/ Firetrol</i>	<i>LaVilla 3638 N. Pulaski Chicago</i>
October 18	Secondary Supports; <i>Deery-Pardue & Associates</i>	Chicago Plumbing Code; <i>Frank Bathauer, Chicago Chief Plumbing Inspector</i>	<i>The Parthenon 314 S Halsted Chicago</i>
November 15	Pipe Joining Methods for Mechanical Piping; <i>Jim Ness and Company</i>	Plumbing Design for Labs; <i>Mike Straughn, Water Saver Faucet Co. and Mick Bradford, Russo Sales</i>	<i>LaVilla 3638 N. Pulaski Chicago</i>
December 13	Booster Night; <i>Special Entertainment</i>		<i>The Parthenon 314 S Halsted Chicago</i>
January 17	General Interceptors; <i>Luczak Sales</i>	Grease Separators; <i>Bryce Russell, Rockford Separators/ Deery-Pardue</i>	<i>Stonewood Ale House 601 Mall Drive Schaumburg</i>
February 21	Pipe Insulation; <i>Jim Shannon, K-Flex Isolante; Bob Nolen, IMCOA and Tom Ronan, Added Sales</i>	PEX Design and Standards; <i>Frank Mazzaresse, Zurn and Harold Miller, Miller Sales</i>	<i>LaVilla 3638 N. Pulaski Chicago</i>
March 20	LEED Calculations; <i>Sloan Valve</i>	Grey Water and Water Recycling; <i>Metropolitan Industries</i>	<i>LaVilla 3638 N. Pulaski Chicago</i>
April 17	Technical Seminars (11:30am-4:15pm)	37th Annual ASPE Chicago Product Show (3:30pm-8:30pm)	<i>White Eagle 6839 Milwaukee Ave Niles</i>
May 15	Elections	Cast Iron Pipe and Standards; <i>Alan Thomas, CISPI</i>	<i>The Parthenon 314 S Halsted Chicago</i>
June 20	Annual ASPE Chicago Golf Outing		<i>Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates</i>
July 12		ASPE Ride to the Rock	<i>Chicagoland to Starved Rock</i>