



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 46, No. 2
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2014 ASPE Convention and Exposition



ADVANCE YOUR EDUCATION + EARN CEUs!

ASPE's Convention and Exposition is the ONLY industry event designed to showcase innovations in plumbing system design—where plumbing engineers, designers, specifiers, and contractors can learn about the latest plumbing products, services, and design techniques.

Earn almost one year's worth of CEUs for your CPD recertification or other licensing requirements. By taking full advantage of the entire event, **you can earn up to 19.25 hours of continuing education** as well as learn about amazing new technologies and products in the plumbing industry!

THE 2014 ASPE CONVENTION AND EXPOSITION CELEBRATES 50 YEARS OF ASPE

Make sure your company is present for this critical year. We are expecting attendance to grow, not only because of the many things planned to celebrate this occasion, but also because of the regional opportunities in the Chicago area.

Showcase your products and services at the only plumbing engineering exposition in North America that brings the whole industry together: plumbing specifiers, engineers, contractors and designers. Remember, the ASPE Convention and Exposition takes place every other year so don't miss your biggest opportunity in 2014 to build your business, make connections and generate leads.

Local chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

President's Message

The 2014 Convention is coming - BE THERE! Each and every one of you need to be there and support the Chicago Chapter! Bring your friends and family to the product show! Our Host Committee is working very hard to make this convention the best for The Society, so we need to show our local support. FYI – The Society's headquarters is located in Chicago.

So we need to show the best support as possible. I am asking each and every one of you to attend the Convention, and bring at least one colleague too. The Exhibition is free, so if you don't know how to sign up contact me directly at: 815-477-9983. For all the delegates who have questions on this event contact me directly, I believe I can answer most of your questions.

Also for all of the AYP people make sure attend this event (I don't qualify)

Next Chicago Meeting: October

We will have our first 2014/2015 dinner meeting for our local chapter in October; please attend our VP Technical has put in a lot of work to set all our meetings up for the 2014/2015 season.

Future Business

ASPE Chicago Future Board of Directors? Yes, we will need candidates for members interested in running for the Board for 2015/2016. Please step up if interested. Contact me if you are interested and let me know why you think you will make a good board member. We will be losing several board members so we will be in need of *interested members* to take on these positions. I will say, if you decide to run it is one of the most rewarding experiences I ever had. I have met so many great people and I consider them my personal friends now, even if they don't (just kidding). It is really a great opportunity.

Picnic

I actually came this year! I am truly disappointed (and my wife too) that we did not come previous years. We had a commitment up in Wisconsin previous years, but we are glad we could attend this year as we did both totally have fun. I will say the Picnic Committee does a fantastic and fabulous job. I might be missing some people, but the main team is: John Niemen, Mark Mannarrelli, Francisco DeHoyos, Sean Allard, Theresa Allen, and Frank Sanchez. If I am missing someone, my apologies. We have to keep this event going!!

See you all in for September's Convention? I hope the answer is yes.

Rick Butler, President

rbutler@lochinvar.com; 224 238.8515

ASPE NEEDS YOUR HELP

We are looking for approximately 40 volunteers to greet and give out information to the convention attendees at the hospitality room, or at the assigned hotels. We will assign volunteers to three hour shifts, and you don't have to work every day. This is a once in a lifetime opportunity!

If you are interested in taking part of our 2014 Convention and 50th Year Anniversary Celebration, please sign up by following the link below, or by sending me an email.

<http://tinyurl.com/2014-ASPE-Convention-Volunteer>

Thank you,

Frank Sanchez, CPD

2014 Convention Host Committee Chair

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<http://chicago.aspe.org/>

FACEBOOK

<http://www.facebook.com/lau.chicagochapter>

<https://www.facebook.com/groups/ASPE.Chicago/>

LINKEDIN

www.linkedin.com/groups?home=&qid=2393408



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

Hello from your V.P.T,

Well the New ASPE Year has arrived at last, with a new outlook from years past.

First, don't forget about this year's 2014 ASPE Convention & Exposition located at McCormick place. This September 18th, ASPE is celebrating 50 years of advancing plumbing engineering. This year former NFL Pro Bowl and hall of famer Dan Hampton will be the key note speaker at the Convention. Don't miss out on meeting new friends and seeing old ones, as well as the technical sessions (you can earn up to 19.25 hours of continuing education).

Second, next year, 2015, the Chicago Product Show will be presented during the month of September and not April. We are currently looking at the possibility of moving our product show to a new venue. Please look to further newsletters for this important update.

Third, those members who missed out on the 3rd annual PIG ROAST at Schiller woods will want to make it to next year's outing. See the website for pictures from this great event! <http://chicago.aspe.org/photo-album.html>

Fourth, this year the October meeting will be held at Athena Restaurant in Greek town. Please refer to the ASPE calendar at the end of the newsletter for additional information. I am currently looking for presenters for the upcoming year. Don't be left behind make it a priority to present and become involved with the ASPE chapter. If anyone has a topic that would be of interest to the chapter, now is the time to take the initiative and step above the rest. The following months are still available: February, April and May!

I have provided some information related to the EPA pertaining to water (a fluid topic)

Standards & Risk Management

The Environmental Protection Agency sets standards that, when combined with protecting ground water and surface water, are critical to ensuring safe drinking water. EPA works with its regional offices, states, tribes and its many partners to protect public health through implementing the Safe Drinking Water Act.

- **Current Drinking Water Regulations:** provides information on regulations on contaminants EPA regulates in drinking water.
- **Drinking Water Regulations under Development:** focuses on the current regulatory status of certain contaminants and public water system operations.
- **Information about National Primary Drinking Water Regulations and Basic Information about Contaminants:** provides definitions of National Primary and Secondary Drinking Water Regulations and fact sheets on the contaminants EPA regulates in drinking water.
- **Regulation Development:** describes how EPA decides which contaminants to regulate, how drinking water standards are set, and when to revise existing regulations.
- **Drinking Water Science and Regulatory Support:** provides information on human health effects and risk assessments for drinking water contaminants, including drinking water health advisories and regulatory support documents.
- **Surface Water Standards & Guidance**
Provides information on [Water Quality Criteria](#) and [Water Quality Standards](#), [fish](#) and [shellfish](#) advisories, [fish tissue studies](#) and requirements for [cooling water intake structures](#).
- **Wastewater Technology**
Provides information on wastewater technology including a host of publications and reports and links dedicated to biosolids and industry effluent guidelines.

The above information can be found at the following web site: <http://water.epa.gov/>

Thank you,

Mark G. Mannarelli, Vice President, Technical

mmannarelli@syska.com

THANK YOU TO THE GOLF OUTING SPONSORS

Hole Sponsors



Added Sales	Inland Sales
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Armacell	Knauf Insulation
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Hart Travers	Repco Associates Inc.
Higgins	Rinnai
HILTI	Symmons
Hot Water Products	Thermal Applications
HSA	Viega

Hole #1

Daugherty
Straightest Drive

Hole #4

Mid-Continent
Betting Hole/Beer

Hole #8

Repco
Beer
ASPE Closest to Pin

Hole #9

R.C. Sales
Longest Putt

Hole #13

Inland Sales
Betting Hole/Beer

Hole #16

HSA
Raffle/Beer

Hole #18

ASPE
Longest Putt

Halfway House

Metropolitan Industries
Lunch/Beer



Prize for Peoria System Low Score

Lunch

Metropolitan Industries

Breakfast

Daugherty Sales

Beer

Metropolitan Industries
Mid Continent Marketing
Repco Associates
Inland Sales
Herkowski Stickler



**Thanks to the strong support of the
companies listed, our golf outing
remains the best of its kind!**

Third Annual ASPE Chicago Chapter Family Picnic and Pig Roast Report

We held our Third Annual Pig Roast on August 9th this year at Schiller Woods. We had a good turnout, but not as many as in the past years. We noticed some new faces and their families but some of the familiar faces couldn't make it this year.

We hold this event as a thank you for all the support, hard work, and overall success everyone has put towards the chapter and we want to see it grow, so we need your input. A short survey has been created to try and get a better idea of what you would like from the Pig Roast. Please take the survey sometime within the next month, we'd really like to get your opinion.

[2014 ASPE Picnic Survey](https://www.surveymonkey.com/s/SV67VPX)
(<https://www.surveymonkey.com/s/SV67VPX>)

We'd like to thank Bounce U Up (www.bounceuup.com) for providing the bounce house that the kids always enjoy. Also, thanks goes out to Double D Pig Roast (www.ddpigroast.com) for the great food and preparation of the pig – everyone always enjoys seeing that.

A raise of our glasses goes to the Homebrew Competition Winning Beer, "The Chicago Belgian Ale", brewed by Joe Ficek.

The picnic this year wouldn't have come together without all the time and effort put in by the Summer Picnic Committee (Mark Mannarelli, Theresa Allan, Francisco DeHoyos, and Sean Allard) and also the generous donations from the following sponsors:

ASPE Chicago Chapter (chicago.aspe.org)
Delta Faucet Company (www.deltafaucet.com)
Bornquist, Inc. (www.bornquist.com)
Moen Commercial (pro.moen.com)
Viega LLC (www.viega.us)
Symmons (www.symmons.com)
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Hart, Travers and Associates (www.htareps.com)
Inland Sales Group, Inc. (www.inlandsalesgroup.com)
Lochinvar, LLC (www.lochinvar.com)

As always, we're looking forward towards next year's event (keep the second Saturday in August open!) and want it to grow. Remember, help us out and go fill out our survey. Also, if you were there, spread the word and remember, you don't have to have kids to have a good time at the picnic.

Looking forward to seeing everyone next year,

John Nieman, PE, CPD, LEED AP
Chicago Chapter Summer Picnic Chair
jnieman@esdglobal.com



VICE PRESIDENT, MEMBERSHIP

September Greetings,

Welcome to a new ASPE year.

Thanks for everyone who was able to make last month's Chapter Pig Roast. It was lots of fun and it is always great meeting the spouses of the membership. There was plenty of food, and afterwards the kids enjoyed playing with the pig's head. Must be a young person thing (smile).

The ASPE National convention is just around the corner, and it is shaping up to be something wonderful. I will be attending as one of the delegates of the Chicago Chapter, and along with the other delegates we will be voting on proposed bylaw changes and the new ASPE officers. It should be lots of fun, especially mingling with other the other delegates from the other ASPE chapters around the country.

With the ASPE National convention being this month, the next Chapter meeting will be in October.

Welcome to all of the newest members of the ASPE Chicago Chapter:

- Ronald Russell
- Abraham Fouad
- Steve Nero
- Stanley Kutin

Until Next Time...

April Ricketts, PE, CPD, LEED AP BD+C, Vice President Membership

rickettsa@cdmsmith.com: 312.346.5000



ADMINISTRATIVE SECRETARY

Greetings Members,

WOW!!! Where did this year go? Unbearable winter, very mild spring, a wet and not so hot summer - I hope everyone has enjoyed the year so far! Here we go into the fall and before you know it we'll be at the National Convention. I hope to see you there.

David J. Erickson Sr., Administrative Secretary

derickson@symmons.com: 847.287.0922



~JOB OPPORTUNITY~



CS2 Design Group, LLC is a Mechanical and Electrical consulting engineering firm located in Elk Grove Village, IL. The firm was established in 1995. We specialize in HVAC, Plumbing, Fire Protection and Electrical design of building systems for schools and other types of commercial buildings. We are an energetic group of individuals who strive to provide great service to our clients.

CS2 is currently looking for Plumbing Engineers/Designers. Applicants must be proficient with AutoCAD and have a growing interest in learning Revit MEP. Revit experience is a plus. Applicants shall have completed coursework in engineering and/or practical design experience working on building systems.

Applicants must be a team player, hardworking, able to meet deadlines, and a self-starter.

Please reference our website at www.cs2designgroup.com. Interested candidates please submit your resume and cover letter.

GREEN PLUMBING DESIGNER (GPD) CERTIFICATION

(A joint venture of ASPE and IAPMO)

What is the history of the plunger?
Who invented it?
Was it after low-flow toilets?
Was it after high-efficiency toilets?

Some say:

Back in the 1970's, there were problems as water closets were starting to be designed to conserve some water. Manufacturers knew there were problems and continued to work on fixing the problems **with 3.5 gpf (13L) water-saver closets**. By 1981 or 1982, most flushing problems had been resolved.



After the 1992 Energy Policy Act began requiring ultra-low flush closets, we had the same poor performance we had when water saver closets were introduced. Again, no one was happy.

Options:

Sell or just install an older closet
Sell or give the owner a plunger
Go back to the outhouse system!

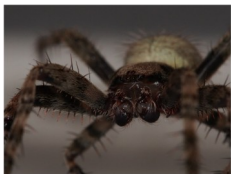
There are many anecdotal rumors out there, but how many of you have actually had a problem with a project because you specified 1.28 GPF toilets? I have not. I have been specifying 1.28 toilets for about 5 years. I have a 1.0 GPF toilet in my house that works great. Maybe it is not that the flow has been reduced, as long as the product was engineered, the system was designed properly, it was installed as designed, and the product was used as intended. Maybe the problems that may exist out there somewhere, have less to do with the GPF capacity and more to do with improper pitch, poorly installed piping, over-sized piping, etc.

The exact invention of the plunger, date and inventor are not known. According to the New York University, no patent records exist. It is likely that the plunger was invented between 1850 and 1900 when the use of wood and synthetic rubber were becoming common practice. The invention of the suction cup during the 1850s supports this theory. Furthermore, plungers work due to the shape of the S-trap drainage pipe. Toilets with S-traps existed at least as far back as 1852, although we no longer use them.

The point?

Toilets must have been clogging when we were using **ANY** amount of water, not just low-flows. Or why would the plunger have been invented 150 years ago? A Nostradamus vision? Who's to say...

YOUR next opportunity to join the ranks of GPD, will be at the
50th Annual ASPE Convention in September. Sign up now!



Joe Spiderman—CPD, LEED AP BD+C, ARCSA-AP, GPD
Member of ASPE Chicago Chapter – Creepy Division

~ATTENTION AFFILIATES: MANUFACTURER'S SPOTLIGHT EXTENDED~

Due to the recent success of the Manufacturer's Spotlight program with the Convention Host Committee—we will be offering the Manufacturer's Spotlight program for the remainder of the year (January—May). The cost will be the same, \$500 with an optional additional \$500 to sponsor an open bar prior to the meeting. Please contact Mark Mannarelli mmannarelli@syska.com or Rick Butler rbutler@lochivar.com to sign-up. First come, first serve!



CORRESPONDING SECRETARY: INDUSTRY NEWS

I hope everybody gets to squeeze in as much fun and outdoor activities as they can while the weather is cooperating. In addition to the benefits of the ASPE convention itself, there will be plenty of networking events to attend so keep your eye out for a good time.

American Society of Plumbing Engineers (ASPE)

(<http://chicago.aspe.org>)

2014 ASPE Convention and Exposition

Dates: September 19-24, 2014

Location: Chicago, IL

Details: <http://events.ntpsnow.com/aspe2014/public/enter.aspx>

American Society of Sanitary Engineering (ASSE)

(<http://www.asse-plumbing.org/calendar.html>)

85th Annual IAPMO Education and Business Conference

Dates: Sept 14-18, 2014

Location: Minneapolis, MN - Hilton Minneapolis

Details: <http://www.iapmo.org/Pages/IAPMOConference.aspx>

2014 ASSE International Annual Meeting

Dates: November 3-8, 2014

Location: Skirvin Hilton Hotel
Oklahoma City, OK

National Fire Protection Association (NFPA)

(www.nfpa.org)

NFPA Training throughout the US.

<http://www.nfpa.org/training/events%20calendar.aspx>

American Society of Professional Estimators

(www.aspechicago.org)

No upcoming events listed.

USGBC – Illinois Chapter (LEED)

(<http://www.usgbc-illinois.org/events/event-calendar/>)

See link above for several events.

Illinois Fire Prevention Association (IFPA)

(www.ifpanet.org)

IFPA Annual Golf Outing

Date: Tuesday, Sept 9, 2014 @ 12:00 PM

Location: Not posted

Society of Fire Protection Engineers (SFPE)

(<http://www.chicagosfpe.org>)

Chicago SFPE Chapter Meeting

Date: Monday, Sept 8, 2014

Location: Location and details will be posted online soon...

(http://www.chicagosfpe.org/program_schedule.html)

2014 SFPE Annual Meeting—Professional Development Conference

Dates: October 12-17, 2014

Location: Hilton Long Beach & Executive Center in Long Beach, CA

Details: <http://www.sfpe.org/SharpenYourExpertise/Education/2014SFPEAnnualMeeting.aspx>

Illinois Chapter of ASHRAE

(www.illinoisashrae.org)

2014 Annual Golf Outing

Date: Thursday, Sept 18, 2014 @ 9:30 AM – 6:00 PM

Location: St. Andrews Golf Club
2241 Route 59, West Chicago, IL 60185

Details: <http://www.illinoisashrae.org/calendar.php>

PAMCANI

(www.pamcani.org)

PAMCANI industry-wide calendar: www.piccal.org

Illinois Association of Plumbing-Heating-Cooling Contractors (ILPHCC)

(www.ilphcc.com)

No upcoming events listed.

Refrigeration Service Engineer's Society (RSES)

(www.rses.net)

No upcoming events listed.

National Rural Water Association (NRWA)

(<http://www.nrwa.org/>)

2014 WaterPro Conference

Dates: October 6-8, 2014

Location: Seattle, WA

Details: <http://www.waterproconference.org/>

Chris Sbarbaro, PE, CPD, GPD, LEED AP BD+C, Corresponding Secretary
csbarbaro@consentini-il.com



Chicago ASPENews



2014-2015 Preliminary ASPE Chicago Meeting Schedule

Date	Primer & Technical Presentation	Location
August 9, 2014	ASPE Chicago Chapter Family Picnic & Pig Roast	Schiller Woods Grove #12 Irving Park Rd & Cumberland Ave Chicago, IL
September 18, 2014	Chicago Chapter September Product Show will not be provided this year due to the ASPE Convention being in town	ASPE Convention and Exposition McCormick Place Convention Center 2301 S. Lakeshore Drive, Chicago, IL
October 16, 2014	Manufacturer Spotlight: Viega "Condensing Water Heaters—Things to be Aware Of " by Lochinvar	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
November 20, 2014	Manufacturer Spotlight: Lochinvar ICC Joint Meeting—"New 2015 International Code Items That Affect The Design of Plumbing Systems" by Fred Grable	Athena Restaurant 212 S Halsted St Chicago, IL
December 18, 2014	Another Fun Booster Night—Game Night!	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 15, 2015	Bornquist Presentation	Athena Restaurant 212 S Halsted St Chicago, IL
February 19, 2015	To Be Determine3d	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 19, 2015	"Water Softeners: Sizing and Configurations" By: Steve Lamere, Marlo Incorporated	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 16, 2015	To Be Determined	Venuti's 2251 W. Lake Street Addison, IL
May 21, 2015	To Be Determined—SFPE Joint Meeting	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
June 19, 2015	Annual Golf Outing	Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL
TBD	ASPE Chicago Chapter Family Picnic & Pig Roast	TBD

If you would like to present any of these topics or become a meeting sponsor, please contact Mark Mannarelli at mmannarelli@syska.com.