



Chicago ASPENEWS



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 44, No. 1 August, 2012

Preliminary 2012-2013 ASPE Chicago Meeting Schedule

Date	Primer	Technical Session	Location
September 20, 2012	Available	Waste Water Recycling - Success Stories from Down Under by Phoenix/Aquacell Water Recycling Solutions	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
October 18, 2012 <i>IL State CEUs Provided</i>	Available	Do's and Don't's of Tankless Commercial Water Heaters in Chicago by Rinnai Water Heaters	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
October 27-31	Available	2012 ASPE Convention and Exposition October 27—31	Charlotte Convention Center, Charlotte, NC
November 15, 2012 <i>One Hour of IL State CEUs Provided</i>	Available	Keeping on the right side of State & Local Plumbing Codes by Jim Majerowicz of Local 130 (Possible joint meeting with Local 130)	Parthenon 314 S Halsted St Chicago, IL
December 20, 2012	ASPE Chicago Chapter Booster Night and Holiday Celebration		La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 17, 2013	Available	Geothermal Energy Applications Possible joint meeting with ASHRAE	Parthenon 314 S Halsted St Chicago, IL
February 21, 2013 <i>One Hour of IL State CEUs Provided</i>	Available	Indirect Water Heater Systems for Domestic Applications by Mark Kaulas of Bornquist	Venuti's 2251 W. Lake Street Addison, IL
March 21, 2013	Available	Fire Protection Systems Corrosion and NFPA Code Updates by Viking	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 18, 2012 <i>Four Hours of IL State CEUs Provided</i>	42nd Annual Engineered Plumbing Exposition and Technical Seminars		White Eagle or Alternate Location
May 16, 2012	Water Quality Association	High Purity Water Systems and Healthcare Designers Guidelines	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
June 20, 2012	ASPE Chicago Chapter Golf Outing		Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL
AUGUST	ASPE Chicago Chapter Summer Event		TBD

If you would like to present any of these topics or become a meeting sponsor, please contact Rick Butler at rbutler@lochinvar.com or 224.238.8515

Local Chapters are not authorized to speak for the Society



Chicago Chapter Family Picnic

Saturday August 11, 2012



The first annual ASPE Chicago Chapter pig roast is scheduled for Saturday, August 11, 2012 from 11AM until 4PM.

The fun will take place at the Schiller Woods East Grove #13, located at Cumberland Avenue and Irving Park Road in Chicago. This event is open to ASPE members and their families as a thank you for all the support, hard work, and overall success everyone has put towards the chapter. There will be plenty of food (especially pig), fun and games geared towards any age level.

An **RSVP is required** to accurately determine food and beverage quantities! RSVP to: John Nieman at John.Nieman@CH2M.com or Emily Smith at esmith@metrodgn.com

A \$50 ASPE Gift Card will be raffled off to people who RSVP by Wednesday, August 8th!

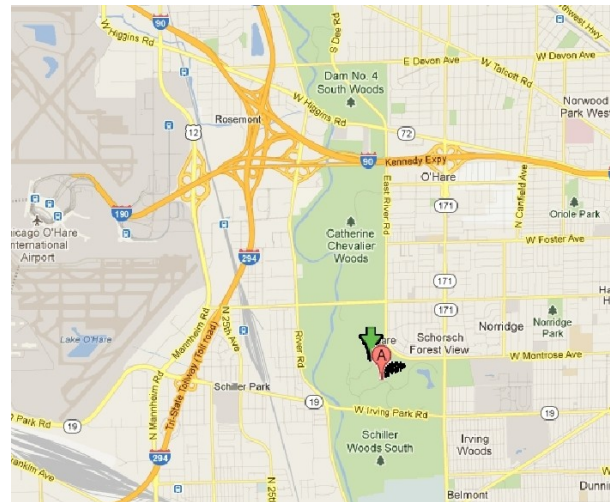
The activities include a homebrew competition, a limbo contest, a hula-hoop contest, a piñata, bags and much more.

Bring your picnic chairs, blankets, your best homebrew and any outdoor games you love, and do not forget your family for this initial event.

Update: There will be live music by The Green Leaf Band! The Greenleaf Band, based in Chicago, plays a unique blend of folk, pop, bluegrass and country styles. <http://www.reverbnation.com/thegreenleafband>

If you are interested in entering your best brew recipe in the homebrew tasting contest, please contact: Theresa Allen at tallen@grummanbutkus.com

Schiller Woods East Grove 13 Cumberland Ave & Irving Park Road



MENU

Main Course:

- Roasted pig—fresh off the pig
- Hot dogs—100% all beef
- Burgers—1/3lb. 80% lean

Side Dishes:

- Baked beans
- Sweet corn on the cob
- Home-style red skin potato salad

Beverages:

- Soda, Water, Juice Boxes
- Beer (keg and homebrew)



PRESIDENT'S MESSAGE

Welcome to the 44th year of ASPE Chicago Regional Chapter, the largest ASPE Chapter in the world. I would like to thank you for giving me the opportunity to serve as your President for another year and to my employer, Grumman/Butkus Associates, for giving the support necessary to accomplish this task.

Your Board of Directors has been working hard preparing for the upcoming 2012-2013 session. We are all volunteers with the common goal to promote our plumbing engineering profession and to provide you with great networking opportunities. If you have any comments or suggestions, please contact me at any time at fsanchez@grummanbutkus.com. We are here to serve you.

Citius, Altius, Fortius

The origin of the Ancient Olympic Games is unknown. Legend tells us that religious festivals led to what we know as the Olympic Games today. The widely accepted date for its inception is 776 BC, and after years of hiatus, its revival took place in France in the late 1700's. Great events like this one only take place every couple of years and we should take full advantage of them.

Our Society has also a renowned worldwide event. Its origin is not based in mythical beings, but rather founded by visionary people that worked extremely hard to promote and enhance the profession of plumbing engineering. This event is our Biennial ASPE Convention.

Our next Convention will take place at the Charlotte Convention Center - October 27 -31. This event will offer more than 30 professional education sessions at the bargain price of \$645 (if you register before September 15, 2012). It also incorporates the largest plumbing product display in the country with over 300 manufacturers.



If you can't attend the technical sessions, please consider attending the Expo, it is **FREE**. Besides having the option to win great prizes, you can also obtain over nine continuing education credits at no cost. This is a must-attend event for plumbing engineers, designers, architects, specifiers, estimators and contractors. Do not let this opportunity slip by.



Please visit [ASPE YouTube Channel](#) and listen to Jim Kendzel, Executive Director and CEO discuss our Biennial Convention.

May Elections

Elections took place during the last meeting of the 2011-2012 period. We elected the 2012-2013 Board of Directors and ten Delegates to the upcoming Convention in Charlotte, NC. All officers ran unopposed and were reelected.

In the future, please remember that all elected positions are open to any full member of ASPE. If you have any interest in being part of the Chicago Board of Directors or if you want to volunteer for a committee, please contact me. All our board meetings are open and they usually take place for two hours just before our regular meetings. This could be a great way to participate in ASPE Chicago.

(continued on page 3) ----->

CHAPTER OFFICERS

PRESIDENT

Frank Sanchez, CPD
Grumman/Butkus Associates
847.316.9251
fxs@grummanbutkus.com

VICE PRESIDENT TECHNICAL

Rick Butler
Lochinvar
224.238.8515
rbutler@lochinvar.com

VICE PRESIDENT EDUCATION

Jill Dirksen
Cannon Design
312.960.8398
jdirksen@cannondesign.com

VICE PRESIDENT LEGISLATIVE

Mark Mannarelli
Henneman Engineering, Inc.
312.583.1400
mmannarelli@henneman.com

VICE PRESIDENT MEMBERSHIP

Mark Kaulas
Bornquist, Inc.
773.774.2800
mkaulas@bornquist.com

TREASURER

Sean Allard, CPD
Environmental Systems Design
312.580.0533
sallard@esdglobal.com

ADMINISTRATIVE SECRETARY

J. Francisco DeHoyos
dbHMS
312.915.0557
fdehoyos@dbhms.com

CORRESPONDING SECRETARY

Keith Seier, CPD
Environmental Systems Design
312.456.2338
kseier@esdglobal.com

AFFILIATE LIAISON

Mick Bradford
Miller Sales
630.458.8816
mick@miller-sales.com

SCHOLARSHIP CHAIRMAN

Dan Fagan, PE, CPD
Cannon Design
312.960.8301
dfagan@cannondesign.com

NEWSLETTER EDITOR & WEBMASTER

Theresa Allen, P.E., LEEP AP BD+C
Grumman/Butkus Associates
847.316.9285
tallen@grummanbutkus.com

ASPE CHICAGO JOBS PROGRAM COORDINATOR

John Nieman
CH2M Hill Company
312.348.5078
john.nieman@ch2m.com

GOLF OUTING CHAIRMAN

Steve Triphahn
W-T Engineering, Inc.
224.293.6301
steve.triphahn@wtengineering.com

HISTORIAN

Donald Johnson

WEBSITE

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

FACEBOOK

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

LINKEDIN

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

PRESIDENT'S MESSAGE (cont'd)

Vice President, Education, Position

The ASPE Chicago Chapter Board of Directors opened the Vice President, Education position in an effort to strengthen our technical sessions and to provide support to the ASPE Chicago Board of Directors in light of the upcoming Chicago Convention in 2014. Unfortunately, no one ran for this position during our May elections and the position remained vacant, until now! Ms. Jill Dirksen from Cannon Design graciously accepted the position. She has been appointed as the first Vice President, Education of the Chapter.

The position will be responsible for assisting the Vice President, Technical and the Educational Committee with the selection and coordination of the educational sessions throughout the year, including regular meetings, product show sessions, joint meetings, additional luncheon seminars and the proposed ASPE Chicago Student Chapter educational sessions.

Ms. Dirksen has been an active ASPE member since 1996. She held many Board positions with the East Michigan Chapter while she worked in the Detroit area for Albert Kahn Associates. She volunteered as the Administrative Secretary, Treasurer, Vice President, Membership, Vice President, Legislative and Vice President, Technical. During her involvement in the East Michigan Chapter, she represented Region 2 as a Delegate in every convention until she moved to Chicago. Upon her arrival to Chicago, she worked as the Technical Director and Managing Director of Society. After four years, she returned to the engineering consulting field and has been working for Cannon Design since then.

Please join me in extending a heartfelt welcome to Ms. Dirksen as our new ASPE Chicago Chapter Vice President, Education. Her experience and knowledge will be a great addition to our team.

Former ASPE Chicago President, Bill McCarthy, Passes Away



Mechanical and fire protection engineer William McCarthy, 86, died at his home in Aiken, South Carolina on June 28, 2012 surrounded by his family. He was president of the Chicago Chapter from 1978-1980.

Services were held July 5th in Aiken, SC; Interment services for family and fields will be held at a later date in Chicago, Illinois.

In lieu of flowers, donations may be made to American Heart Association, 4217 Park Place Ct., Glen Allen, VA 23060-9979.

For more information [click here](#). Our condolences go out to Bill's friends and family.

Chicago ASPENews and Webmaster

Your Board of Directors works very hard to provide you with one of the best newsletters in Society. This is yet another of the benefits of your ASPE membership. Are you still reading this newsletter? If so, please click here ASPE.Chicago@gmail.com and let us know you are. We are looking at other ways to distribute our information by using HTML or developing the ASPE Chicago Chapter App. Stay tuned!

I would like to thank our previous Newsletter Editor, Jason McDonald for his dedication to assembling our newsletter for the past year. From now on, Theresa L. Allen, P.E., LEED BD+C from Grumman/Butkus Associates will continue with the task. She will also help the Chapter with our website. Thanks a lot for stepping in, Theresa!

After approximately 12 years, Jim Moynihan from Chicago Technical Sales, Inc. (<http://www.ctsalesinc.com/>) decided to step down and let someone else volunteer as the ASPE Chicago Webmaster. Jim did a fantastic job and we will always be grateful for his hard work and commitment. **We extend our gratitude to you, Jim.**

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PRESIDENT'S MESSAGE (cont'd)

ASPE Chicago Chapter Social Outing

This summer, we will host our First ASPE Chicago Family Picnic and Pig Roast! Please find the information elsewhere on this newsletter to find out what it's all about. This event would not be possible without the dedication of Emily Smith from Metro Design, John C. Nieman from Halcrow Yolles and the Picnic Committee. Thank you all!

Please RSVP to ESmith@metrodsn.com or John.Nieman@CH2M.com

ASPE Chicago Golf Outing

Thank you to everyone who attended the annual Golf Outing in June and especially to Steve Triphahn for organizing a great event.

If you have any suggestions, you can reach him at:

Steve T. Triphahn

W-T Engineering, Inc.

steve.triphahn@wtengineering.com

Proposed ASPE Chicago Meeting Schedule

The Technical Committee met to discuss and plan the annual schedule last month. Please spend some time reviewing this information and let us know if you have any comments or suggestions. Are there any other topics you want us to cover this year? Would you like to present any of these topics? If so, please contact our Vice-President, Technical Rick Butler (rbutler@lochinvar.com) with any questions, comments or ideas for technical presentations for the upcoming year.

I hope to see you at the ASPE Family Picnic,

Frank Sanchez, CPD; President

fxs@grummanbutkus.com; 847.316.9251

ASPE CHICAGO JOBS PROGRAM

Are you not happy with your job? Are you looking for a job? Are you looking for someone to fill a position? If you've answered "yes" to any of these questions then contact the ASPE Chicago Jobs Program.

"Huh? What's the ASPE Chicago Jobs Program", you ask.

The Jobs Program is a confidential employment service offered to our members. If you are looking for employment, we will provide you with contacts to companies that are looking to hire someone with your particular skill sets. If you are looking to hire someone, we will get your information out to those ASPE Members that best fit your criteria. To quote our recently "retired" Jobs Program Coordinator, Jason McDonald, "It puts the ball in the court of the person looking" for work and the whole process is *CONFIDENTIAL*.

It's a simple process so send me an email (or pull me aside at our First Annual ASPE Chicago Chapter Family Picnic and Pig Roast) and get me your information and let's see who we can get you matched up with.

John Nieman

ASPE Chicago Jobs Program Coordinator and ASPE Chicago Summer Picnic Chair

john.nieman@CH2M.com; 312.348.5078



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

First off, thanks to Steve Triphahn’s efforts in another fantastic Golf Outing. Great weather, great friends, great prizes! The “Frog Toggs Chilly Pad” works great, especially during this hot summer. I suggest you give it a try. The meeting schedule is coming along nicely. If you have any comments or



suggestions let us know. Some items can still be changed. We are looking for Primers; one idea is to let anyone who has a product related to the Technical Topic for a specific meeting be invited to participate in a table top primer. We would then allot a certain amount of time for each vendor to give a brief highlight on the product they are showing, or about their company. We would be asking for a donation to the meeting fund to participate. The time and donation figure would depend on how many vendors participate that night. Vendors, please let us know if you think this would work. Look over the topics, and let us know if you would like to participate.

We are also looking into other “training sessions” or “social events” throughout the year to make ASPE Chicago membership more attractive.

Some ideas to date:

- Plumbing Estimation
- Revit, coordination between engineers and contractors
- MWRD tour



We are also discussing the product show already. Please if you have input on how to improve the show, please let us know.

The 2012 Convention is around the corner. It will take place at the Charlotte Convention Center—October 27—31. Check out the President’s Message for more information! However, it is never too early to plan ahead. Chicago will host the next Convention. Please mark your calendars for the:

**2014 ASPE Convention and Engineered Plumbing Exposition
September 19-24, 2014**

We will be setting up a Host Committee for this important National convention. Let us know if you would like to be a part of the Host Committee

Rick Butler, Vice President, Technical
rbutler@lochinvar.com; 224 238.8515



VICE PRESIDENT, MEMBERSHIP

The Chicago Chapter would like to welcome the following New Members:

- Ned Mahic*
- Qazi Mohammed Sohaib*
- Chris M. Watson*

This Fall, please bring a potential New Member to a meeting. Our Chapter has a tremendous schedule of Technical Presentations, and as always, the meetings are a great source of entertainment & camaraderie.

Reminder: ASPE has a program, the compassionate waiver, which is designed to help members retain their membership, and help with dues if needed. You can find information about this program at www.ASPE.org or feel free to contact me.

Mark Kaulas, Vice President, Membership
mkaulas@bornquist.com



VICE PRESIDENT, EDUCATION

Hi, All! With my new appointment to the Chicago Chapter ASPE Board as the Vice-President of Education, I am looking forward to the coming year to be full of new and exciting opportunities for the Chapter to learn, collaborate and teach.

We are already sculpting the upcoming class schedule to regain the interest of current chapter members as well as attract new ones. I am expecting classes to be more interactive and remain filled with beneficial information for all design levels in the industry.

Plumbing engineers along with architects and other engineers are expected to coordinate across the disciplines in order to provide clients with the best product possible. Providing classes which are put together as a team effort by ASPE and other professional organizations allows members of both groups to take advantage of the time to learn aspects of the design world that could affect various facets of the overall design besides their own. Your Chicago chapter is investigating the best possible pairings in which to provide you with just this type of setting.

Other ideas which we are looking to pursue are to create learning and networking events to local college students who are currently pursuing an engineering degree. Not only will this enhance a student's college education, but the Chicago ASPE chapter stands to gain future plumbing engineering leaders!

Thank you for the chance to become more involved in the Chicago Chapter and if you have something on your mind which you believe the chapter should pursue, please let me know!

Jill Dirksen, Vice President, Education

jdirksen@cannondesign.com



VICE PRESIDENT, LEGISLATIVE

I hope that everyone has enjoyed the summer. It has been a different kind of summer with the storms and drought. With the little amount of rain that the Midwest has received I am actually looking forward to a good rain storm. With the limited amount of rain we have had in the last few months it is hard to think that the amount of water we drink is dwindling away. But as we all know, the rivers are taking a beating.

I see it every day when I take the train to work and see the Des Plaines River and the Fox River drying up. This could affect the supply of drinking water to small towns and cities. Wells may dry up and the cost of water could rise.

The drought of the summer of 2012 is also having an impact on prices in the supermarkets. For example, crops such as corn are not receiving substantial amounts of water thus forcing the farmers to increase their prices to the consumers. This is only one of many instances occurring throughout the U.S. as well as the world. Water is the greatest commodity that we can't live without. Well enough of my rambling on about **WATER** and its **effect** on **our society**.

The upcoming year I will do the best I can to keep the chapter updated with changes in the different plumbing and fire protection codes.

What do the following letters represent MWRDGC and TARP. Find out in the next monthly newsletter

So for now, have a great rest of the summer and the Chicago Board will hopefully see all of you at the September meeting or at the ASPE Family Picnic this summer!

Mark G. Mannarelli, Vice President, Legislative

mmannarelli@henneman.com

REGION V MEETING REPORT

On Saturday, June 2, 2012, I attended the yearly Region V meeting in the company of our ASPE Chicago past President Jason McDonald. These regional meetings are extremely important, because they give us a sense of what is going on in the region and provide excellent suggestions. The next meeting will be in Milwaukee, Wisconsin on June 2013. This year we reviewed the following topics:

- **2011-2015 Strategic Planning**
 - Please review this information and provide feedback.
<https://aspe.org/StrategicBlueprint>
- **Additional Memoranda of Understanding (MoU) Issued**
 - These documents express a bilateral agreement between parties, and they indicate a common line of action and collaboration. Last year, ASPE signed additional MoUs with the Canadian Institute of Plumbing and Heating (CIPH), the National Science Foundation (NSF) and the American Rain-water Catchment Systems Association (ARCSA).
- **Official ASPE Magazine Change**
 - Plumbing Engineer is the ASPE Official Magazine. Please visit our official magazine's website at <http://www.plumbingengineer.com>
- **ASPE Tables mobile app now available for Android and Apple**
 - This app is free to ASPE members and can be purchased by non-members. I strongly recommended this application to all of you. <http://aspe.org/tablesapp>
- **Proposed Affiliate Annual Sponsorship Program**
 - This program is a way to promote our Society and bring meaningful service to our affiliate members and manufacturer representatives. Please contact Brian Henry, 2010-2012 Society's Affiliate Liaison at aspealb@aspe.org.
- **ASPE Logo Change**
 - Most of the people in our region voted against this idea. I like the idea of having a new logo, but timing is crucial. Some of us would prefer to see Society in a better financial situation before additional costs are generated.
- **Proposed Bylaw Amendments**
 - We reviewed some interesting proposed changes that were clearly presented; these were approved for further discussion and vote at the Convention. Our Chapter's ten Delegates will vote on these proposed amendment's in Charlotte. Bylaw modifications must be carefully studied before submission. One should talk to other engineers, contractors, the Board of Directors and Society's staff to get a better understanding of a bylaw impact.
- **Convention and Symposium Date Changes**
 - This year will be our last Convention that takes place during Halloween weekend. Starting on 2013, the Technical Symposium and Convention will take place in September in order to allow our members to be with their families during the holiday weekend.

Frank Sanchez, CPD; President
fxs@grummanbutkus.com; 847.316.9251



SOCIETY V.P. LEGISLATIVE: HELLO FROM ASPE HQ!

First of all, thanks to our ASPE Chicago Chapter Board for putting in so much effort to guarantee the best ASPE experience for all of the members. You guys and girls are doing a great job!

I just wanted to let you know a small slice of what's happening at ASPE HQ because we are in the Chicago neighborhood. By the way, we are still the largest Chapter, but more importantly the BEST Chapter in ASPE! Yes I am partial but when considering ASPE official business, ALL Chapters receive equal consideration!

As you know, the 2012 ASPE National Convention is just around the corner. It runs from Oct 27 thru Oct 31. Don't worry, you can still be home in time for Trick or Treating! The Early Bird Discount is still available! Click on the logo below for more info on the convention. Oh, but there is some bad news: the ASPE Board has done away with the tuxedos! Sad but true. I know you like to see us all spiffy-looking but we thought that the money could be of more benefit elsewhere.



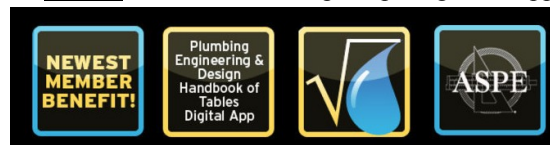
We will have an evening event at the NASCAR Hall of Fame, sponsored by Charlotte Pipe. There is a rumor that there will also be a desert party there too. Our keynote speaker at the convention will be Kyle Petty! Yes, the famous NASCAR Champion and TV host!

<http://events.ntpsnow.com/aspe2012/public/Content.aspx?ID=6466>
<http://events.ntpsnow.com/aspe2012/Public/Content.aspx?ID=6208>

There is plenty of other information on ASPE.org about the convention. We even have an ROI Calculator to show the benefits of attending the event! This might help you to get your company to pay for your attendance. But even if they don't, this is the best bang for the buck that you can invest into your career. There will be top notch seminars and a product exhibition that is HUGE! On that note, there are only a couple of booths left so if any reps want to get in, you better **"git ownit"**, as they say in Charlotte!

Beyond all of this, there may be some announcements that will *blow your socks off!* <http://aspe.org/>

HAVE YOU DOWNLOADED THE FREE ASPE APP? <http://aspe.org/tablesapp>



It includes many calculation and reference tools that can really come in handy. ***It is now available for your PC, Android, and now even iPad and iPhone! Did I mention that it is FREE, ? but for ASPE Members only! Not a member? Why not? Send me an email and I will personally sponsor you!***

Your Society Board of Directors and the ASPE Staff, are committed to increasing member benefits. Please take time to visit aspe.org to see what you might be missing. Also watch for the Pipeline. It is our Digital publication that can keep you I the loop!

See you in Charlotte! Well, I will see some of you at the ASPE Chicago Family Picnic and Pig Roast and of course the September ASPE Chicago Meeting!

David DeBord, Society Vice President, Legislative

ddbord@dbhms.com; 312.915.0557x305

P.S. Goodbye to Bill McCarthy, charter member of ASPE. Thanks for getting me involved in ASPE in 1978.



INDUSTRY NEWS

I hope everyone is surviving the heat and enjoying the summer. If you are looking for a fun, family event, join the Chicago ASPE Chapter at the First Annual Family Picnic and Pig Roast on August 11th. There will be games, homebrew contest, bounce house, face painting and pig roast. It will be fun for the whole family. Other summer events are listed below.

If there is an organization you would like me to contact please send me an e-mail at kseier@esdglobal.com.

All Industries 47th Annual Golf Outing

Date: Friday, August 3, 2012
Location: Cog Hill; 12294 Archer Avenue;
Lemont, IL
Cost: \$125 golf and Buffet, \$75 Buffet only
Contact: www.events.org/PIGA

American Society of Sanitary Engineering (ASSE)

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

IAPMO 83rd Annual Education and Business Conference

Dates: September 13-27
Location: Hollywood, FL
Details: <http://www.iapmo.org/Pages/IAPMOConference.aspx>

National Fire Protection Association (NFPA)

(www.nfpa.org)

No Report

Society of Fire Protection Engineers (SFPE)

(www.chicagosfpe.org)

No events until September.

Illinois Fire Prevention Association (IFPA)

(www.ifpanet.org)

IFPA Golf Outing

Date: Tuesday, September 18, 2012
Location: Glendale Lakes Golf Club, 1550
President Street, Glendale Heights, Illinois
Cost: \$110 Per Person includes Lunch, Golf,
Cocktail Hour, Dinner and Prizes. FOUR-
SOMES \$400
Contact: <http://www.ifpanet.org/>

Keith Seier, Corresponding Secretary

kseier@esdglobal.com; 312 456.2338

PAMCANI

(www.pamcani.org)

Date: August 8, 2012
4 Hours Continuing Education
*Session I - Proper Installation of a CPVC
Water Distribution System*
Registration: 3:45pm

Time: 4:30

Session II - Continuous Water Heaters

Time: 6:30pm

Location: Noritz America Showroom ,
Elk Grove Village

Contact: <http://www.pamcani.org/calendar/>

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

(www.ilphcc.com)

No Report

Illinois Chapter of ASHRAE

(www.illinoisashrae.org)

No Report

USGBC – Illinois Chapter (LEED)

(www.usgbc-illinois.org)

[Events Calendar](#) (Hyperlink)

Refrigeration Service Engineer's Society (RSES)

(www.rses.net)

No Report

American Society of Plumbing Engineers (ASPE)

(www.aspe.org)

2012 ASPE Convention

October 27-31

Charlotte, NC

<http://events.ntpsnow.com/aspe2012/public/>

ASPE TRIVIA!!!

When was the ASPE Chicago Chapter chartered?

1969: The Chicago Chapter is chartered (January 10).

What Year did the first Society Convention take place?

1968: The first ASPE Convention is held at the Ambassador Hotel Convention Center in Los Angeles September 11–15. The ASPE Bylaws are amended, eliminating the corresponding secretary and decreasing the size of the board to six members.

