



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 44, No. 3
October, 2012



Chicago Chapter General Meeting Thursday October 18, 2012

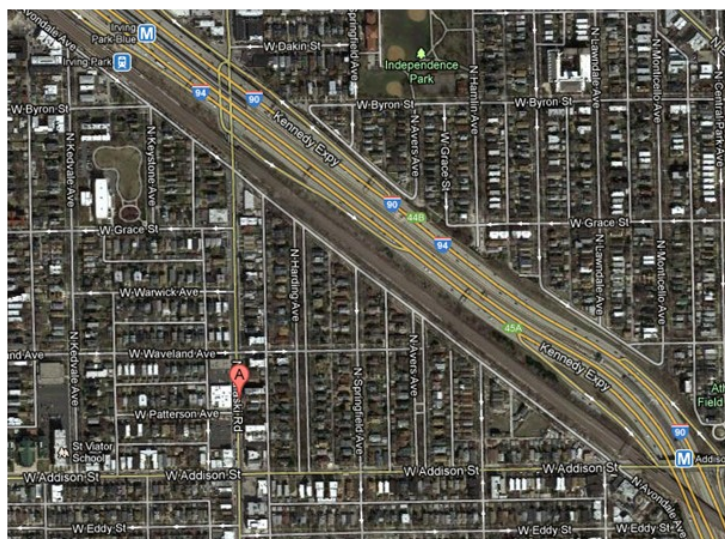


LaVilla Restaurant

3632 N. Pulaski Road
Chicago, IL 60641

Plenty of free parking!

Metra: Old Irving Park Station
Blue line: Irving Park Station
then 3 blocks south!



AGENDA

5:30pm Cocktail Hour **sponsored by New-Tech Marketing**

6:30pm Dinner, (\$35 ASPE Members with RSVP/\$40 Non-Members and Walk-ins)

7:30pm Presentation – **NEW TOPIC!**
**“Thermoplastics for use in Acid
Waste Drainage and Purity Water
Systems”**

Presenter: **Steven Dolejsi with IPEX, along with New-Tech Marketing**



IPEX

RSVP as soon as possible to Rick Butler, VP Technical!

- ◇ Return the enclosed card for those of you getting this via US Mail
- ◇ Call: 224.238.8515
- ◇ Fax: 815.477.9984
- ◇ Email: Chicago.ASPE.RSVP@gmail.com
- ◇ Go to Chicago.aspe.org and RSVP!

MENU

Appetizers:

- Focaccia bread
- Italian wedding soup
- House salad (choice of 3 dressings)

Dinner:

- Bow tie pasta
- Pomodoro chicken
- Roast pork loin
- Green beans almondine
- Oven roasted potatoes

Dessert:

- Vanilla ice cream with whip cream and choice of chocolate or strawberry toppings

Beverages:

- Beer/wine/coffee/water

Local Chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

ASPE Chicago Chapter was chartered on January 10, 1969. Since then, several people have volunteered to continue this fine tradition. The 2012-2013 Chicago Board of Directors is truly honored to have the opportunity to serve for another year.

We started the 2012-2013 ASPE Chicago season with over sixty people in attendance. Thank you all for coming to our September meeting at the popular Westwood Tavern & Tap. This is one of our favorite venues, and the staff always takes great care of us.

The technical presentation was extremely informative. Mark Meredith, Product Manager of Aquacell/Phoenix Process Equipment Co., did a very fine job presenting "Wastewater Recycling in Buildings: Best Practices from Down Under." You can reach him at MarkM@aquacell.us or (502) 751-2263 if you have additional questions. We uploaded the presentation spreadsheets to our website. You can find them under the "documents" tab on our new website.

Have you visited the new website yet? chicago.aspe.org If you have any questions, comments or ideas about the website, please email Theresa Allen at aspe.chicago.webmaster@gmail.com!

"A hundred times every day I remind myself that my inner and outer life depend on the labors of other men, living and dead, and that I must exert myself in order to give in the same measure as I have received and am still receiving." - Albert Einstein

People join organizations like ours because they believe in the common good. In our case, ASPE is dedicated to promote the profession of plumbing engineering and to protect the safety of the public. This is only possible thanks to your continuous support. Our organization exists because you attend our meetings to further improve your careers, and because you renew your memberships year after year.

Great News! Nevo Martelli joins Mick Bradford as Affiliate Liaison

Quoting Nevo, "the question is not why should you join ASPE, but why wouldn't you join ASPE? The benefits are countless." Nevo has been an ASPE member for over thirty years, and his enthusiasm and charisma are going to make this year's product show even better than ever.

Nevo and Mick's primary responsibility will be to communicate with and provide chapter affiliates with pertinent chapter information. We are the largest ASPE Chapter in the world with 320 members, 112 of which are affiliate members. They are always present at our yearly product show, one of the best in the region, and during our meetings; approximately 50% of the attendees are our loyal affiliate members. They are strong believers in our Chapter's power of networking, another important benefit of your ASPE membership.

Please introduce yourself to Nevo at our next meeting or invite him out for a round of golf. You can reach him at nevomartelli@comcast.net.

Last Chance to Register for the Convention!

Expo: October 29-30
Convention: October 27-31
 Charlotte Convention Center
 Charlotte, North Carolina

Continued on next page...

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

FACEBOOK

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

LINKEDIN

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

PRESIDENT'S MESSAGE CONTINUED...

The ASPE Biennial Convention is a must see event. You will have first-hand access to the latest technologies in the industry at the Engineered Plumbing Exposition (E.P.E). This year the floor plan is impressive and you definitely need to bring comfortable shoes to take full advantage of the E.P.E. Please remember the E.P.E is **FREE**, you can earn CEUs and prizes simply by walking the floor.

Additionally, you can earn up to 16.75 CEUS by attending the technical presentations. Society lined up the best speakers in the industry, and you can have access to all this for **only \$695**. If this is your first convention, you will receive a first-timer 50% discount! Please don't hesitate, and take advantage of this opportunity.

<http://events.ntpshow.com/aspe2012/Public/Content.aspx?ID=6002&sortMenu=104000>

Chris Sbarbaro Wins Free Trip to the Convention

Traditionally, ASPE Chicago offers a free trip to the Convention. This year, Mr. Chris Sbarbaro, PE, CPD, LEED AP BD+C, Plumbing & Fire Protection Engineer at Cannon Design will be joining the ASPE Chicago delegation at the event. Congratulations for winning the free trip and for passing your PE and CPD exams this year as well!

ASPE Chicago Jobs Program

The ASPE Chicago 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. This whole program is confidential.

It's a simple process. Send John Nieman an email or pull him aside at the next meeting.

John Nieman
aspe.chicago.jobs@gmail.com
CH2M Hill
ASPE Chicago Jobs Program Coordinator
ASPE Chicago Summer Picnic Chair

2012 ASPE Chicago Scholarship Application

During our September meeting, the Board of Directors approved the ASPE Chicago Chapter Scholarship.

For a second consecutive year, ASPE Chicago Chapter, in an effort to promote the field of plumbing engineering, will offer the *ASPE Chicago Chapter Engineering Scholarship* to recognize a graduating high school student or college student who is or will be participating in an engineering curriculum.

ASPE Chicago Chapter will grant a maximum of two (2) \$1,000 (U.S.D) scholarships in any one application year. The scholarship will be awarded in one (1) \$1,000 payment. The award will be paid directly to the college, university or technical school into the scholarship recipient's tuition payment account.

Please go to our website for more information and to download the application (<http://chicago.aspe.org>). **The deadline is December 1, 2012.**

That's it for now. I hope to see you all at La Villa on October 18, 2012. As always, if you have any comments or suggestions, please do not hesitate to contact me at any time.

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



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

September Meeting Recap

Thanks to Mark Merideth from Phoenix Process Equipment on an excellent presentation. Everyone seemed to enjoy it; the unique design of the building featured in the video was incredible. It was interesting how the building wastewater system will use waste from the city to meet their needs. Also, a big "Thank You" to Mark for sponsoring the cocktail hour.

September Meeting Attendance.

The following individuals attended the September 2012 meeting of the ASPE Chicago Chapter. In accordance with ASPE Society policy, these individuals are entitled to 0.75 RU's toward 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. New member are shown in **bold**. *Welcome new members!*

Sean Allard	Otto Finiewicz	Hank Lonzon	Daniel Patt
Theresa Allen	Bryan Fonseca	Greg Luczak	April Rickets
Julius Ballanco	Dan Gordon	Jim Majerowicz	Paul Riedinger
Bill Bauer	Brian Hank	Mark Mannarelli	Chris Rohan
Mick Bradford	Tom Higgins	Nevo Martelli	Frank Sanchez
Rick Butler	Mike Imaoka	Shawn McAuliffe	Chris Sarbaro
Ken Cutler	Scott Jagodzinski	Darren McCuaig	Keith Seier
Michael Cwanek	Cara Jensen	Travis Mcknight	Craig Shannon
David DeBord	Meghan Johnson	Paul McLafferty	Bruce Shegarfi
Francisco DeHoyos	Don Johnson	Mark Meredith	Dick Simms
Mark DeLanger	E.J. Kedzie	Steve Montgomery	Emily Smith
Joseph Dinkel	David Lehman	Patrick Oboyle	George Sobyra
Jill Dirksen	Jingyu Lee	Terry Pappas	John Stanzi
David Erickson	Ed Lichner	Matt Pardue	

Product Show:

Yes, we need to be discussing ideas to make the next show better than ever. We are looking for suggestions and volunteers to assist on making the show even more exciting. Please contact myself or Phill Kroll , Product Show Chairman, with any helpful thoughts. We also will need seminar presenters and topics. So send those our way too.

October Technical Presentation

Topic: Thermoplastics for use in Acid Waste Drainage and Purity Water Systems

- Material Selection (Features and Benefits relevant to application)
 - Acid Waste
 - Purity Water
 - Design Considerations For Each Material
 - Material properties and thermal properties
 - Chemical resistance and pressure capabilities
 - Joining Methods
 - Operating restrictions



IPEX

About the Presenter: Steven Dolejsi:

Steven graduated from Ryerson University in Toronto Canada with a degree in Mechanical Engineering. He has 7 years of experience as an applications engineer in thermoplastic piping systems. Steven is a member of the Professional Engineers of Ontario.

Please kindly RSVP. An accurate headcount will help us lower the meeting costs for everyone!

Rick Butler, Vice President, Technical

rbutler@lochinvar.com; 224 238.8515



VICE PRESIDENT, EDUCATION

While many individuals in our area are busy gearing up to attend the 2012 ASPE Convention at the end of October, please don't forget about the Chapter meeting on October 18th. Every opportunity to learn is valuable, and this seminar will be just that.

If you didn't already know, ASPE worked with the UCLA Extension and has created a online course, "Plumbing Systems Design I", which is offered this Fall. Since the first course sold out a month in advance, it appears the UCLA Extension is opening a second online course offering of the class for this Fall.

I would like to remind all of you to take advantage of the opportunities that our local chapter has to offer. In particular, it is never too soon to start thinking about the Chicago ASPE Chapter Scholarship which is offered to our members and their immediate families. The detailed information required for submission is on our chapter website (<http://chicago.aspe.org/scholarship.html>).

Our emerging student chapter at IIT is taking off. The founding members, Jingyu Lee, Brian Glennon, Steven Karvelius, and Jose Angeles have had their first meeting of the year, set their first goals, created a website and are already planning the first educational tour of the year. These future engineers in our industry are a great asset to our chapter. They will be attending our chapter meetings during the year as their schedules will allow. If you are lucky enough to meet one or all of them at a meeting, please take the time to pass on some words of wisdom. We can only get stronger when we work and share as a team.



To check out their website or to learn more go to: <http://chicago.aspe.org/student-chapter.html>!

Jill Dirksen, Vice President, Education
jdirksen@cannondesign.com



CONVENTION TIME!

In the 40 plus years of existence, the Society and our Chapter growth and advancement has been interesting and rewarding. With the new Evansville Chapter, the total number of chapters is now 61! Society membership totals 6,100 members and our chapter membership is 320!

The biennial conventions and chapter product shows have expanded with the Society's growth. The convention expositions have grown to 300 exhibitors this year. The Chicago Chapter Product Show started as table top exhibits and is now the fine show that it is! In Society's history, there have been 22 Conventions hosted in 17 cities. The 2014 Convention will be the 3rd in Chicago.

Convention scheduling has found an appropriate rhythm. The 1st three days are business sessions. The business sessions are a discussion of Society business, revisions to the by-laws and election of Officers. Only Chapter delegates attend the business sessions. Each chapter is represented by three or more delegates, depending on chapter membership. A welcome party is held the 2nd night. The 3rd day marks the opening of the Exposition, which will remain open for two days. Exhibitor hospitality events are held the 1st night. The banquet is held the 4th night and this is when the newly elected Officers are introduced to the delegation. Technical sessions are held the 4th and 5th days. The addition of technical seminars to the convention and product show has been a great professional move for Society.

The plumbing design and engineering profession has come a long way from being the Mechanical Department step-child. I've enjoyed every minute of it!

Donald E. Johnson, Historian



VICE PRESIDENT, LEGISLATIVE

I am sure that all the plumbing engineers that design booster pumps within the great fine State of Illinois are quite familiar with the following excerpt from the *2004 Illinois State Building Code*:

Section 890.1210 Design of Building Water Distribution System

*"h.) Approval of auxiliary pressure systems. Whenever in any building, structure, or premises receiving its potable water supply from the public water system, a pump or any other device for increasing the water pressure is to be installed, plans of such installation shall be approved by the **department** prior to installation in accordance with section 890.1940."*

Section 890.1940 General Administration

*"The plans and specifications for a plumbing system whose design **does not comply** with this part must be submitted to the department for approval prior to installation of such a plumbing system. Such approval shall be in writing from the department and shall be based on a determination that the system is expected to perform and exhibit durability as if meeting the requirements of this part."*

The reason I brought this up is that it came up on a project where the design of the booster pump was questioned by the state plumbing inspector as to why I would be installing a booster pump system when we have never provided booster pumps before in this city. I sent him the calculations that showed why a booster pump was needed.

He then stated that the booster pump system needs to be approved by the state. I asked him if he could provide a code section that demonstrates that intent. He sent me a copy of the above mentioned code sections that indeed stated booster pumps needed to be approved by the state. I brought this up to several pump manufacturers and engineers who had never heard of this approval. I even went further to ask a plumbing inspector from a different jurisdiction and he gave me the same answer: that the booster pump needed to be approved by the state.

I called the city's plan reviewer and described to him the situation. He then told me that I needed to comply with the state inspector and have the booster pump system approved by the state.

I then sent a copy of the calculations, pump specifications, fixture cut sheets and plans outlining the reason for the booster pump installation to the city reviewer who in turn sent them on to the state plumbing inspector in Springfield.

I am currently awaiting approval (2 weeks and counting) from the Springfield office.

I am bringing this up because it can be a lengthy process that can hold up a project and cause major headaches for the engineer, pump manufacturer, installing contractor and finally the owner.

My final thoughts on this subject are to make sure you thoroughly read the code to avoid problems in the future! If you have any questions or concerns about the design of your project, please contact the local plumbing inspector as to the direction in which to proceed.

Mark G. Mannarelli, Vice President, Legislative

mmannarelli@henneman.com



SOCIETY VICE PRESIDENT, LEGISLATIVE

BACK IN BLACK

Not only a song by AC/DC but also a statement that ASPE is “in the black” for the first time since 1995! <http://www.youtube.com/watch?v=1M6kdQtm4wE>

Many of you have read or at least heard about the announcement of the building sale that was sent to all of the Chapter Officers by Gretchen. All of these negotiations were confidential and we were not allowed by the potential buyer, to disclose even that there were any negotiations taking place. We spent many months working on all of the pros and cons. We negotiated for more money and we were successful. We also consulted industry experts, just like we did when discussing how to manage the magazine. We also had to do short and long term projections of the financial ramifications of selling as well as leasing. We sincerely feel that this was the very best thing that we could do for ASPE.

We have made some really tough decisions since I came onto the board. We found a more efficient way to publish our magazine, we reluctantly reduced the office staff, cut expenses where we could, and now we managed to sell the building, and found a lease arrangement ½ mile from our current office. We were elected to serve you and that is what we are doing to the best of our ability. We are dedicated to this end, and we take none of these responsibilities lightly.

We are dedicated to turning ASPE around and making it the best that we can. We painfully analyze every aspect of each question before us. Sometimes the necessary decisions require us to endure some discomfort, but we must protect our society and do everything in our power to ensure that ASPE is here for our members. We are ASPE members too and we want to do what's best for Society. We try to make this an open process, and we communicate regularly with the past Presidents and other leaders to assure that we consider all sides of every position before us. Nothing is taken for granted, and no decisions are made lightly. We are not only **here** for you, we **are** you.

ASPE and ANSI Accreditation

I am very proud to announce that we have achieved ANSI accreditation as an organization. This will give our standards and papers a higher level of recognition in the industry. This is crucial to our success as far as standards publications go. This is **huge** for us!

Model Code Updates

It is important for Chapter Officers, to realize that **you**, as well as your local membership, have the ability to influence code changes. The IPC and UPC have public comment periods for all code change cycles. You can participate in these public comment procedures even if you are not on the committees and you do not even have to be members of these organizations. We try to keep you updated on these opportunities. All of the Chapter VPL's should actively pursue any chance to make comments locally as well as nationally. **You** are the leaders in the industry. **You** can make a difference!

Some of the legislative items that we have worked on during the past year include:

ASPE Liaison Appointments	IAPMO Green Technical Committee
ICC – IPC Public Comments	ASSE 6000
ASME A-112	Standards Updates
Hot Water Public Comments	ANSI Accreditation
ARCSA/ASPE Rainwater Catchment Systems	
Request for Position Statement – Association of Pool and Spa Professionals	
Development of Positions and Ensuring Board Involvement	

***We will have some special announcements at the convention.
Be there and be the first to get more exciting news!***

Contact me anytime and **see you in Charlotte!!!**

David DeBord, CPD, LEED AP BD+C, ARCSA®AP, Society Vice President, Legislative
aspe-VPL@aspe.org



VICE PRESIDENT, MEMBERSHIP

Members,

Please join me in welcoming the following new members to our Chapter:

- **Charles Eggert, P.E., G.E., LEED AP, DCEP**
Company: HP CFS EYP MCF
- **Michael Mallaney**
Company: Illinois Mechanical Sales
- **Patrick O'Boyle, P.E.**
Company: Meilner Mechanical Sales, Inc.
- **Peter C. Wu**
Company: Lehman Design Consultants

Next time you see them, please take a moment to welcome them to the Society, as well as our chapter.

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



ASPE CHICAGO CHAPTER PRODUCT SHOW

2012 Product Show Final News

That is right, as of our September meeting the 2012 ASPE Product Show Season has finally come to a close with the presentation of the **Robert A. Cutler Booth Excellence Awards**. This year's winners provided us with informational displays, product interaction and just had some good-looking booths. Please give a big congratulation to our winners:

- **Inland Sales Group**
- **Little Giant/Franklin Electric**
- **Symmons Industries**

And thanks also to Emily Smith of Metro Design Associates, Inc. for presenting the awards in my absence. I had to be away and missed our first meeting of the year. That won't happen next month and I expect to see you all there too.

2013 Product Show News

Pretty soon it will be time to start planning the next product show and I am looking for anyone willing to help put together ideas. We will need thoughts on any changes our members would like to see, suggested classes, volunteers and anything that will help us keep our product show one of the most informative and helpful shows out there. If anyone is interested in helping out on the Product Show Committee please drop me a line. We aren't gearing up yet, but before you know it we will have to get things started.

We are also looking for a Co-Chair for this year's show. Someone to help me take care of the many details and items needed to bring together one of the best shows in the industry! If you are interested, please contact me.

As always we rely on you, our members, for any helpful suggestions and ideas to improve the show. Give me a call or drop me an e-mail!

Phill Kroll, CPD, ASPE Chicago Chapter Product Show Chairman
pkroll@metrodsn.com; 224.629.4444 ext. 213



ADMINISTRATIVE SECRETARY

Greetings,

Fall season is here again! The September ASPE Chicago Chapter meeting was a great gathering and had excellent presentation: Waste Water Recycling: Best Practices from Down Under by Mark Meredith with Aquacell/Phoenix Process Equipment. A total of 60 members attended the event.

This month the 50/50 raffle winner was **Thomas J. Dolan from Riddile & Associates**. The ASPE Chicago Chapter donated the \$147.00 to **Batten Disease Support and Research Association**.

Batten disease is named after the British pediatrician who first described it in 1903, also known as Spielmeyer-Vogt-Sjogren-Batten disease. Batten disease is a fatal, inherited disorder of the nervous system that typically begins in childhood. Over time, affected children suffer mental impairment, worsening seizures, and progressive loss of sight and motor skills. Eventually, children with Batten disease become blind, bedridden, and demented. Batten disease is often fatal by the late teens or twenties.



**BATTEN
DISEASE**
SUPPORT & RESEARCH
ASSOCIATION
A LIGHT IN A WORLD OF DARKNESS



The Chicago Chapter gave away a free trip to the 2012 ASPE Convention in Charlotte, NC to **Chris Sbarbaro of Cannon Design**. Who just got his CPD and PE certifications as well. Congratulations!

The free dinner winner was **Scott Jagodzinski of Cannon Design**.

Our Next Meeting will be on **Thursday, October 18**, at La Villa Restaurant, Chicago IL, at 5:30 p.m.

I hope to see you there,

J. Francisco DeHoyos, Administrative Secretary

FDeHoyos@dbhms.com; 773.732.1150

ASPE TRIVIA!

What is the average age of ASPE members?

56 years young!

Where was the first chapter of ASPE chartered?

Los Angeles

How many members does ASPE currently have under the age of 35?

Over 800!

When did ASPE first put together the Data Book?

1964: The first ASPE *Data Book* is presented to the Data Book Committee in loose-leaf binder format. It wasn't converted to hard bound until 1974. Four years later, it was split into two volumes: *Volume 1, Fundamentals of Plumbing Design* and *Volume 2, Special Plumbing Systems Design*. It wasn't until 2004 that the data Book is renamed *Plumbing Engineer Design Handbook*.





INDUSTRY NEWS

October brings us another exciting month filled with great technical seminars and presentations within our industry. It is also time to get ready for the ASPE Convention. Chicago is always represented well at the Convention and I hope this year is no different. If there is an organization you would like me to contact, please send me an e-mail at kseier@esdglobal.com.

American Society of Sanitary Engineering (ASSE)

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

Medical Gas Expo

Dates: October 11

Time: 9:00am—5:00pm

Location: 10850 W. 187th Street

Mokena, IL

Details: [click here!](#)

NRWA Water Pro Conference

Dates: September 24-26

Location: Nashville, TN

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

National Fire Protection Association (NFPA)

(www.nfpa.org)

NFPA Training throughout the US.

Click [here](#) or more information

Society of Fire Protection Engineers (SFPE)

(www.chicagosfpe.org)

October Chapter Meeting

Date: Monday October 8, 2012

Time: 11:30 sign-in with lunch at 12:00

Location: Maggiano's Little Italy, 240 Oak

Brook Center, Oak Brook

Cost: Members with reservations \$25, Members walk-in and guest \$30, Firefighters in uniform \$15, fulltime students with valid ID

\$10 Contact: Jessica Dahl at

jhubert-dahl@janusfiresystems.com or

chicagosfpeprograms@gmail.com

PAMCANI

(www.pamcani.org)

PAMCANI has developed an industry-wide calendar listing events throughout the year.

Go to:

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

Illinois Fire Prevention Association (IFPA)

(www.ifpanet.org)

October Chapter Meeting

Date: Tuesday, October 9, 2012

Time 6:00pm

Location and Cost: TBD

Contact: <http://www.ifpanet.org/>

Keith Seier, Corresponding Secretary

kseier@esdglobal.com; 312 456.2338

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

(www.ilphcc.com)

PHCC CONNECT 2012

Dates: October 3-5

Location: Philadelphia, PA

Details: <http://www.phccweb.org/index.cfm?ewebToken&Site=PHCC>

Illinois Chapter of ASHRAE

(www.illinoisashrae.org)

Energy Construction Codes Update Seminar

Date: Tuesday, October 9, 2012

Time: 8:30 am – 4:30 pm

Location: Merchandise Mart - 222 W Merchandise Mart Plaza, Chicago, IL

Cost: \$50.00 for member and non-members registration

Contact: <http://illinoisashrae.org/meetinginfo.php?id=39&ts=1344635768>

USGBC – Illinois Chapter (LEED)

(www.usgbc-illinois.org)

Events Calendar (Hyperlink)

2012 Greenbuild Conference and Expo

Dates: November 14-16

Location: San Francisco, CA

Details: www.greenbuildexpo.org

Refrigeration Service Engineer's Society (RSES)

(www.rses.net)

No report

American Society of Professional Estimators

(www.aspechicago.org)

No report.

American Society of Plumbing Engineers (ASPE)

(www.aspe.org)

2012 APSE Convention and Engineered Plumbing Exposition

Dates: October 27-31

Location: Charlotte, NC

Details: <http://events.ntpsnow.com/aspe2012/public/mainhall.aspx?ID=1528&sortMenu=102000%20>



Chicago ASPENews



2012-2013 ASPE Chicago Meeting Schedule

Date	Primer	Technical Session	Location
September 20, 2012	Phoenix	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	Available	Change! Thermoplastics for use in Acid Waste Drainage and Purity Water Systems by IPEX with New-Tech Marketing	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
October 27-31	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, 2013 <i>Four Hours of IL State CEUs Provided</i>	42nd Annual Engineered Plumbing Exposition and Technical Seminars		White Eagle or Alternate Location
May 16, 2013	Water Quality Association	High Purity Water Systems and Healthcare Designers Guidelines	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
June 21, 2013	ASPE Chicago Chapter Golf Outing		Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL
AUGUST 2013	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			