



# Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers  
Vol. 44, No. 6  
January, 2013



## Chicago Chapter General Meeting Thursday January 17, 2013

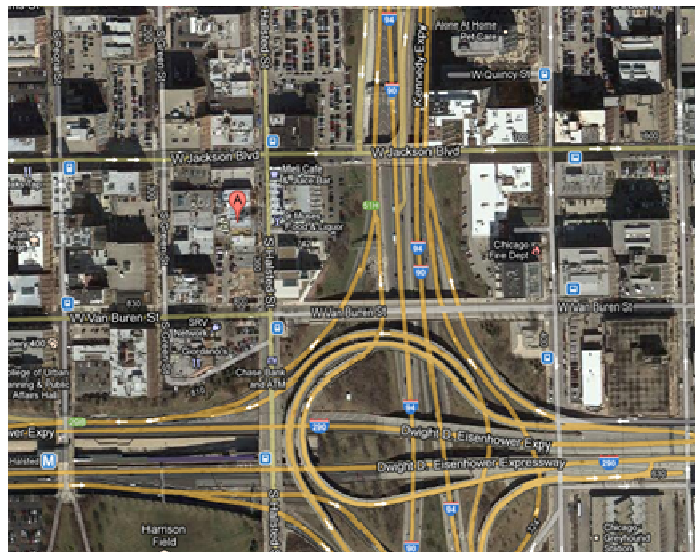


**Happy New Year!!**

### The Parthenon

314 S. Halsted  
Chicago, IL 60661

Free valet parking!  
Blue line: UIC Halsted

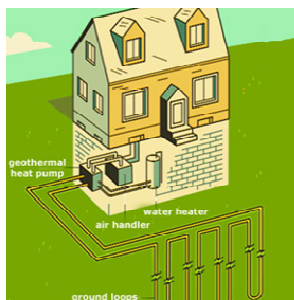


### AGENDA

5:30pm– 6:00pm  
Cocktail Hour (cash bar)

6:45pm:  
Dinner, (\$35 ASPE Members  
with RSVP/\$40 Non-Members  
and Walk-ins)

7:30pm:  
Program— ***"The Basics of Geothermal, Including  
Hybrid Systems"***  
Presenter— **Scott Hackel, Energy Center of Wisconsin**



**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
- ◇ Email: [Chicago.ASPE.RSVP@gmail.com](mailto:Chicago.ASPE.RSVP@gmail.com)
- ◇ Go to [www.Chicago.aspe.org](http://www.Chicago.aspe.org) and RSVP!

### MENU

#### Appetizers:

- Saganaki (Opa!)
- Taramosalata
- Gyros Meat

#### Dinner:

- Greek Salad
- Eggplant w/béchéamel sauce
- Baked macaroni w/ meat sauce
- Rice Pilaf
- Roasted Potatoes
- Athenian Chicken

#### Dessert:

- Baklava
- Vanilla Custard
- Coffee

**Local Chapters are not authorized to speak for the Society**



## **PRESIDENT'S MESSAGE**

Happy New Year! I hope you all had a great holiday celebration surrounded by your loved ones. Whether you observed Hanukkah, Kwanzaa, Yuletide, Christmas, Festivus or the return of the mighty sun, I hope it was a memorable one. This year will be the first year to be denoted by four different digits in 26 years since 1987. Also, the United Nations has

designated 2013 the **International Year of Water**.

### **Cooperation**

Water is becoming a major concern around the world. World population has doubled in the last 50 years and we already crossed the 7 billion people mark. As the population grows, water scarcity is becoming more evident in the United States and reaching critical levels around the world. There are approximately 780 million people without access to safe drinking water and over 2.5 billion people, almost one third of the current world's population, do not have access to proper waste disposal. Our Society should focus our efforts to bring awareness to these critical issues, and to reevaluate and improve current water conservation efforts. Please visit <http://water.org/water-crisis/water-facts/water/> for more information.

### **2012 Booster Night and Games Night**

I had a great time at Booster Night. "Games Night" was selected in order to promote networking and camaraderie, some of our chapter's best assets. Please let us know if you have recommendations or suggestions for next year.

This event is possible in part thanks to the generous contributions from our loyal affiliates and manufacturer representatives. Their donations helped us defer the costs associated with our holiday night extravaganza. The 2012 Booster Night sponsors are listed elsewhere in this newsletter, but please remember our motto:

**Support those who support the chapter!**

### **2012-2013 ASPE Chicago Board of Directors Elections**

Please consider running for a board position. After eight years of volunteering work, I can assure you this is a very rewarding experience. You will learn a lot about our industry, improve social and management skills, and will expand your networks. More importantly, you will be a key contributor to the advancement of the science of plumbing engineering, to the professional growth and advancement of our members, and to the health, welfare and safety of the public.

Our 2012-2013 elections will take place on May 16, 2013 at the popular Westwood Tavern & Tap in Schaumburg, IL, and all positions are open. If you are interested, please send me an email.

### **NEW! Vice President, Affiliate**

Traditionally, the Affiliate Liaison was an appointed position by the President; however, this person does not have a vote in the board. We feel it is important to hear the voices of our affiliate members and manufacturer representatives, and the board decided to turn it into an elected position with a vote. Thank you for your support throughout the years!

### **Save the Date! CPD Test Registration Opens on January 2, 2013**

The dates for the 2013 exam are April 18 and 19. As is tradition, Chicago will host a free CPD review class weeks before the exam. Please register for the test and regularly visit our website for more information. You can obtain more information about the CPD at <http://aspe.org/CPDCertification>.

I hope to see you all at The Parthenon in January. We will have a great topic, "Geothermal Energy Applications in Chicago", presented by one of the best speakers in the region. This will be an ASHRAE/ASPE joint meeting, so please extend the invitation to your mechanical colleagues.

Wishing you success and happiness in the new year,

**Frank Sanchez, CPD; President**

[fxs@grummanbutkus.com](mailto:fxs@grummanbutkus.com); 847.316.9251

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Donald Johnson

### **WEBSITE**

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

### **FACEBOOK**

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

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

### **LINKEDIN**

[www.linkedin.com/groups?home=&gid=2393408](http://www.linkedin.com/groups?home=&gid=2393408)



## **VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING**

### **December Meeting Recap**

Last month's meeting, Booster Night, was a complete success! Everyone looked like they were having a great time enjoying the games or just mingling with each other.

The great outcome of this event was due to the teamwork between your Chicago ASPE board, and several other volunteers. Thanks to all that made this possible.

Also, I would like to extend another big **THANK YOU** to all the affiliates for their donations, without their contributions this kind of event would not be possible.

The Toys for Tots toy drive was remarkable at this meeting too. Great job to all.

### **January Meeting:**

Presentation: ***"The Basics of Geothermal, Including Hybrid Systems"***

Presenter Biography: **Scott Hackel**, PE, LEED AP; Senior Energy Engineer at the Energy Center of Wisconsin

The basics of geothermal systems will be introduced, and then the following presentation will follow: Geothermal heat pump systems are an excellent choice for high performance heating, cooling and air conditioning, but cost is often a barrier. What is the solution? Go hybrid! Scott will discuss the hybrid geothermal approach and will reveal the results of an Energy Center study. The study examined three working hybrid systems to assess how and why they were designed, how well they are currently working, and lessons learned along the way. Scott will explain why hybrid systems can be more cost effective for certain projects than other HVAC systems, and how this approach impacts energy use and the environment. Scott will also present tools and resources that are available to help owners and designers assess the benefits of implementing hybrid geothermal systems on their building projects.

Scott Hackel is an energy engineer who consults with architects and engineers on energy efficient building designs and systems. He conducts applied research on different energy efficiency technologies, and assists utilities in developing efficiency programs. Scott has also studied geothermal heat pump systems for both residential and commercial buildings in northern climates, and assists the Wisconsin Geothermal Association, ASHRAE, and the US DOE with geothermal consulting. Scott has a bachelor's and master's degree in Mechanical Engineering from the University of Wisconsin, as well as a certificate in Energy Analysis and Policy. Scott is an active member of ASHRAE and the Wisconsin Green Building Association.

**Rick Butler, Vice President, Technical**

[rbutler@lochinvar.com](mailto:rbutler@lochinvar.com); 224 238.8515



## **VICE PRESIDENT, MEMBERSHIP**

Happy New Year!

What a great Booster Night last month (year)! Good food, good drinks and playing games with friends; what a great start to the Holidays!

Just a reminder about an **ASPE Mentoring Program**. If you're an experienced engineer, who wants to mentor one of the less experienced engineers in our Society, **please contact me**.

If you are one of the newer Members of our Society and feel you would benefit from a Mentor, **please contact me**. This will be a quiet and informal program but the benefits for everyone that's involved could be huge.

**Mark Kaulas, Vice President, Membership**

[mkaulas@bornquist.com](mailto:mkaulas@bornquist.com)

P.S. If you bring a new member to a meeting your dinner is **free**.



## **VICE PRESIDENT, LEGISLATIVE**

Hello again from your V.P Legislative! First I would like to thank all the manufacturer's representatives and affiliate members who support us throughout the year, especially for our Booster Night sponsors last month. This was our first time introducing a "Games Night". The event was a great success even with the winter storm that was headed for the city (a storm that never came). With another year passing, and the economy in turmoil with a fiscal cliff on our doorsteps, we as a Chapter managed to raise more money than in past years. Many changes in our economy have forced manufacturers to take added steps to tighten their belts, however they always support the chapter. Again, I would like to thank the representatives and affiliate members for their continued generosity and support.

I am looking forward to 2013 and the changes that are going to be affecting the society.

### **Potential New ASPE Logo**

At the Convention in Charlotte this year the ASPE board presented a new, re-designed ASPE logo they are considering with a fresh and more attractive look. The ASPE board of directors is taking great strides to make ASPE the leader in the plumbing industry.

### **New Rainwater Catchment Systems Standard**

*For those members who would like to be a voice in ASPE and make a difference please read the following:*

The American Society of Plumbing Engineers (ASPE) and the American Rainwater Catchment Systems Association (ARCSA) have signed an agreement to jointly develop and publish an ARCSA/ASPE consensus standard for rainwater catchment systems, with sponsorship support from the International Association of Plumbing and Mechanical Officials. This standard will be called "ARCSA/ASPE 63: Rainwater Catchment Systems". All interested parties are invited to review and comment on this new standard. The draft and comment form can be found at <http://aspe.org/PublicReview>. Comments will be accepted until 11p.m. CST on January 18, 2013.

### **New Illinois State Energy Code**

On December 11, 2012 the State of Illinois finalized the adoption of the 2012 International Energy Conservation Code (IECC) which will become effective on **January 1, 2013**. This applies to all applications received after January 1<sup>st</sup> as applicable to residential and commercial construction. For existing structures, only the altered portions need to comply as provided for in the code. Here is the link to the State's Website for the act itself as well as some free training opportunities coming up in the New Year: [http://www.ildceo.net/dceo/Bureaus/Energy\\_Recycling/IECC.htm](http://www.ildceo.net/dceo/Bureaus/Energy_Recycling/IECC.htm). Please note the State of Illinois adopted the energy code with amendments. Please visit the State's website for a copy: [http://www.ildceo.net/dceo/Bureaus/Energy\\_Recycling/IECC.htm](http://www.ildceo.net/dceo/Bureaus/Energy_Recycling/IECC.htm)

### **Water Shortage in the U.S.**

Please visit the following website <http://www.wateronline.com> for a great article to read "**Growing Water Scarcity Presents Major Challenges**" that concerns the shortage of water in the US and the decline in infrastructure. <http://www.wateronline.com/doc.mvc/growing-water-scarcity-presents-major-challenges-0001>

A few points talked about in the article:

- Increasing financial risks to water utilities and their investors
- Climate change, which is contributing to more pronounced droughts and heat waves
- Water providers are being squeezed by a "perfect storm"
- Utilities should be more pro-active in pursuing and funding water conservation programs

A growing threat in the US is the hidden threat of inflow and infiltration on public health. In December of 2011, the American Society of Civil Engineers (ASCE) estimated that without adequate investments in water infrastructure, the following may occur by 2020:

- American businesses will pay an additional \$147 billion in higher costs.
- Average homeowners will pay \$900 a year in higher costs
- The economy will lose up to 700,000 jobs

"The simplest definition of I and I (inflow and infiltration) is clean, clear water going to the wrong place-the sewer system. Inflow refers to storm water entering sewer systems through direct, often illegal routes such as sump pumps, downspouts and building drains. Infiltration is groundwater entering sewers through leaks in pipes and manholes. "

*Continued on Next Page...*



## **VICE PRESIDENT, LEGISLATIVE CONTINUED...**

This is a continuing problem throughout the US and needs to be addressed sooner than later. As plumbing engineers, we will come across these issues that will continually affect us not only in our daily lives but as we find new ways to make advancements in the plumbing systems we design. It is up to us to make our systems more efficient in new technologies and standards, which ASPE is making great strides along with ongoing collaboration between other organizations such as IAPMO and ARCSA as previously stated.

**Mark G. Mannarelli, Vice President, Legislative**

[mmannarelli@henneman.com](mailto:mmannarelli@henneman.com)



### **AFFILIATE LIASONS**

We would like to thank all those who participated as a sponsor for the ASPE Chicago Booster Night and Games Night. This was a great success. Food was plenty and delicious. It was great to catch up with everyone all night long. Please refer to the 2012 Booster Night Sponsors list and thank them for their support.



Now, we need to turn our attention to the upcoming product show. If you have any suggestions or comments, please consider attending a product show committee meeting or drop Nevo an e-mail. We'll be happy to bring up your concerns to the committee. We want everyone to have a successful show and are exploring ways to improve it.

We will be sending out several emails after the 1<sup>st</sup> of the year in order to obtain your input and ideas. We are looking into ways to improve the Product Show like it used to be in years past. Your help and feedback is needed, we cannot stress that enough. This is not only be the affiliates' responsibility, all the ASPE members should get involved, participate and help the product show committee come up with invigorating ideas.. This is our show and it should be a joint effort.

**Mick Bradford and Nevo Martelli, Affiliate Liaisons**

[mickb@herkowskisales.com](mailto:mickb@herkowskisales.com); 630.688.2635

[nevomartelli@comcast.net](mailto:nevomartelli@comcast.net)



## **ADMINISTRATIVE SECRETARY**

### **Happy New Year!**

Ninety-six party people attended the Chicago Chapter Booster Night event, where everybody had a lot of fun showing their best skills at playing games while eating and drinking. That's multitasking at its best.

### **December's 50/50 raffle had three \$120.00 winners:**

- **David Wolniak from Mid-Continent Marketing**
- **Tom Brown from Anvil International**
- **Heather Sanchez, First Lady of the Chicago Chapter**



The Chicago Chapter donated \$480.00 to: **Toys for Tots**.. A special thank you to David Wolniak for his generous donation! During the event we had two more raffles, a foosball table and an air hockey table. **Brian Fonseca from REPCO Company** won the foosball table, which he immediately gave away to Jeff Cochran from Grumman/Butkus Associates, and the air hockey table now belongs to **MIFAB, Inc.**, courtesy of **Jeremy Cantor from MIFAB, Inc.**

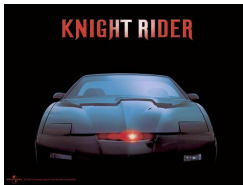
In addition, the Chicago Chapter won the Schier Products ASPE "show survey." Our \$500 prize was split between Toys for Tots and Chicago Food Depository.

In total we donated \$730 to Toys for Tots and \$250 for Chicago Food Depository last month!

Our Next Meeting will be: **Thursday January 17, 2013** at the Parthenon, 314 S Halsted St. Chicago, IL.

**J. Francisco DeHoyos, Administrative Secretary**

[FDeHoyos@dbhms.com](mailto:FDeHoyos@dbhms.com); 773.732.1150



## **GUEST COLUMNIST**

### ***Seasons Greeting! Welcome to 2013!***

I awoke on December 22<sup>nd</sup> and was shocked to find that we are all still here! What's up with that Mayans? Very funny guys! You really got us on that one!

I guess life will continue for now so plan ahead! Are you planning to participate in the upcoming CPD Exam testing opportunity? April is only a few months away! You need to start studying NOW if you have not already. There are many tools available including the ASPE Chicago CPD Training. It is a full day of **free** training. Watch for details coming soon!

Also PLAN NOW for the 2013 ASPE Chicago Product Show! We can learn many things from visiting the exhibitors at the show. These are the experts in every facet of Plumbing and Fire Protection Engineering! Who better to answer your questions? Get on the inside track by getting to know these experts! Forming a relationship with them is the best way to get the info you need, when you need it.

We also will have some of the best seminars that you will find anywhere! Not only a great way to earn CEU's but also a valuable tool to expand your knowledge and solidify your career. The Chicago Chapter Board of Directors and Product Show Committee Members, do everything they can to give you the best opportunities possible. All you have to do is to get yourself there and take advantage of it!

Happy 2013!

***The Night Rider, CPD, LEED AP BD+C, ARCSA®AP***



## **CHICAGO CHAPTER PRODUCT SHOW NEWS**

Last month, we had our first Product Show meeting of the 2012-2013 ASPE year, and some new and interesting things were decided. The Chicago Chapter Product Show fell at the end of the product show season, during playoffs and right before holidays, so the first and biggest decision is that we are moving the date of the product show from the spring to the fall. So please mark your calendars for:

### **42nd Annual ASPE Chicago Engineered Plumbing Exposition and Technical Seminars Thursday, September 19th, 2013**

The Product Show will be our first meeting of the year, and in the fall. September is the perfect time for the show, kids are back in school, holidays are over or yet to come, and of course, everyone will attend because they miss all their friends and colleagues from the Chicago Chapter. Moving the show to the fall will also prepare everyone for ASPE Society's Convention and Exposition in the fall of 2014.

### **2014 ASPE Convention and Exposition, September 19-24 - Chicago, IL**

We are also looking into some new changes for the Product Show floor. One excellent idea is adding showcase presentations during the exposition. These showcase presentations would introduce new plumbing innovations to everyone attending. Look for more ideas and information on our new and improved Chicago Chapter Product Show in the coming months.

### **Volunteers and Feedback**

We are always looking for input at our Committee meetings and for volunteers to help on the day of the show. Our product show meetings are open to all who are interested. If you are interested, please contact me for more details. All feedback is welcome.

### **Next Product Show Meeting**

Date and Time: Thursday, January 10, 2013 @ 6:00PM

Location: Lochinvar Elk Grove Village Facility  
801 Chase Avenue, Unit E, Elk Grove Village, IL, 60007

### **Phill Kroll, CPD, ASPE Chicago Product Show Chairman**

[pkroll@metrodesign.com](mailto:pkroll@metrodesign.com); 224.629.4444 ext. 213

c/o Metro Design Associates, Inc.

1707 N. Randall Road, Suite 390

Elgin, IL 60123

## **In Remembrance of Anthony DiVito**

Our hearts go out to the family and friends of Tony DiVito. We will always remember his smile and kindness.

Regards,

ASPE Chicago Chapter



Anthony "Tony" DiVito beloved husband of Floria Nee Pizzoferrato. Devoted father of Celeste DiVito, Rachel (Dave) Thompson, Lola (Michael) Moore, Hector (Christine Capitan) DiVito, Elizabeth (Martin) Frith, Antionette (John) Urbik and the late Ann Marie (Joe) Carney. Grandfather of Charles, Jonathan, Christina (Paul), David, Devon, Dana, Britni (Victor), Edie, Brenden, Samuel, Emma, Veronica, Anthony, Matthew, Elizabeth & Maria. Great grandfather of Jacob & Siena. Loving son of the late Ettore Sr. & Celeste. Dear brother of Celia (Peter) Cairo, Emily (Guido) Melone, the late Fr. John C.S. & the late Ettore Retired CPD (Lydia) DiVito. Beloved Uncle of many.

In lieu of flowers donations to Immaculate Conception High School 217 S. Cottage Hill Ave. Elmhurst 60126 in Tony's memory appreciated. Funeral: Saturday, January 5th at Interment Queen of Heaven Cemetery.

Please Visit: <http://www.legacy.com/guestbooks/chicagotribune/guestbook.aspx?n=anthony-divito&pid=162108783>

## **CONVENTION ARTICLES** *(continued from December Newsletter)*

### **Chris Sbarbaro:**

During my recent employee review, it was brought to my attention that gaining increased knowledge in specific areas of plumbing and fire protection design was desired. My employer urged that I actively seek out technical seminars in these areas to increase my professional development. I accepted this task and quickly found myself looking at the list of seminars at the 2012 ASPE Technical Convention. Not surprising, there were several seminars covering the topics I wished to learn. I applied for the Chicago ASPE chapter's free trip to the Convention and got lucky that not many others had the same idea. As I later found out, the winner(s) would have the pleasure of writing a short article describing his or her experience at the Convention.

The educational aspect of the trip: There are endless articles and design manuals which one can turn to for information, ASPE Design volumes not the least of which. It can be hard to set the time aside to dive through endless pages of material after a long work week, especially when the topics may not be relevant to current project load. I find seminars to be a more exiting and interactive learning option. For example: at the Medical Gas Seminar recently offered at the ASPE Technical Convention, attendees had to locate gas outlets and zone valves. The instructor did a great job of making us sweat a bit while trying to design these medical systems. The architectural background that we were designing around was problematic. Room names and space programming were unclear and sometimes misleading. There were issues with the overall layout with little allocated wall space for zone valves. In the end, I found that going through the problems helped it convey certain pitfalls while designing a medical gas system. This sort of knowledge cannot be read in a book.

The product show: Where else can you quickly and effectively brush up on the latest products currently out on the market? Many of the manufacturer's utilize the product shows to showcase their newest products. As engineers, we should always strive to improve our own designs. Being knowledgeable about the latest and most innovative products can only help improve current and upcoming projects. One can also help avoid problematic situations by fully understanding the potential pitfalls of these new products, if any. The client/owner should understand that they are being presented with the best options, and it is our duty to relay the benefits and/or cost implications of those options.

Networking: Where else can you meet so many interesting people that are relevant to your field of work? As a design engineer, I was very happy to make new contacts with numerous manufacturers, representatives, and fellow engineers. With emails these days, it seems that everyone needs answers right away. It's always good to know exactly who to get a hold of when you have a specific question related to something you might not have specific knowledge of.

It seems like sleep is one thing the convention can certainly take away from you. There are numerous hospitality parties, many occurring at the same time or overlapping. The real question becomes when to leave one engagement for the next one. Being in Charlotte, there was a Charlotte Pipe foundry tour, which I regrettably did not attend.

I find myself excited that the 2014 Technical Convention will be here in my hometown of Chicago. If you haven't been to a Technical Convention in a while, I highly recommend making it out to the windy city. I couldn't think of a better way to celebrate the 50<sup>th</sup> anniversary of the ASPE Technical Convention than here in "Sweet Home Chicago".





## **INDUSTRY NEWS**

Happy New Year!!! I hope you enjoyed Booster Night and the Game Night theme. As always, we appreciate any positive or negative feedback that you have. The Board is always trying to serve the chapter with new creative events, and I hope everyone enjoyed Game Night as much as I did. See below for industry events upcoming in 2013. If there is an organization you would like me to contact, please send me an e-mail at [kseier@esdglobal.com](mailto:kseier@esdglobal.com).

### **American Society of Sanitary Engineering (ASSE)** (<http://www.asse-plumbing.org/calendar.html>)

#### **1st Quarter 2013 ASSE Board of Directors Meeting**

Dates: January 12-14

Location: Marriott Beachside Hotel, Key West, FL

Details: <http://cwp.marriott.com/eywmc/winter2013meeting/>

#### **ASSE 2013 Mid-year Meeting**

Dates: April 17-20

Location: TBD, Cleveland, OH

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

### **National Fire Protection Association (NFPA)** ([www.nfpa.org](http://www.nfpa.org))

#### **NFPA Fire and Life Safety Conference 2013**

Dates: June 10-13

Location: Chicago, IL—McCormick Place

Details: <http://www.nfpa.org/itemDetail.asp?categoryID=943&itemID=22735&URL=Training/Events%20calendar>

#### **NFPA Training** throughout the US.

<http://www.nfpa.org/itemDetail.asp?categoryID=943&itemID=22735&URL=Training/Events%20calendar>

### **Society of Fire Protection Engineers (SFPE)** ([www.chicagosfpe.org](http://www.chicagosfpe.org))

#### **January Chapter Luncheon: "Fire Officer's Guide to Industrial Refrigeration"**

Date: Monday, January 14

Time: 10:30am sign-in with lunch at 11:00am

Location: William Tell Restaurant, 6201 Joliet Rd.

Details: 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](mailto:jhubert-dahl@janusfiresystems.com) or  
[chicagosfpeprograms@gmail.com](mailto:chicagosfpeprograms@gmail.com)

#### **Chicagoland Engineering Awards Benefit**

Date: Thursday, February 21

Time: Reception 5:30, Dinner and Presentation 6:30

Location: University Club of Chicago

Details: <http://www.chicagosfpe.org/WSEDinner2013.pdf>

**Keith Seier, Corresponding Secretary**  
[kseier@esdglobal.com](mailto:kseier@esdglobal.com); 312 456.2338

### **PAMCANI** ([www.pamcani.org](http://www.pamcani.org))

PAMCANI's industry-wide calendar:

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

### **Illinois Fire Prevention Association (IFPA)** ([www.ifpanet.org](http://www.ifpanet.org))

#### **January IFPA Meeting**

Date: Tuesday, January 8

Time: 6:00 pm

Location: TBD

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

### **Illinois Association of Plumbing-Heating-Cooling Contractors (ILPHCC)** ([www.ilphcc.com](http://www.ilphcc.com))

#### **Illinois PHCC Expo**

Dates: March 22, 2013

Location: Oakbrook Terrace, Illinois

Details: <http://www.ilphcc.com/>

### **Illinois Chapter of ASHRAE** ([www.illinoisashrae.org](http://www.illinoisashrae.org))

#### **Seminar: "Healthcare Facility Design"**

Date: Tuesday January 8

Time: 2:30 – 8:00pm

Location: Parthenon Restaurant, 314 S Halsted St

Cost: \$40 Member, \$50 Non-member

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

### **USGBC – Illinois Chapter (LEED)** ([www.usgbc-illinois.org](http://www.usgbc-illinois.org))

**Events Calendar** (Hyperlink)

### **Refrigeration Service Engineer's Society (RSSES)** ([www.rses.net](http://www.rses.net))

No report

### **American Society of Professional Estimators** ([www.aspechicago.org](http://www.aspechicago.org))

#### **January Meeting: "Updated Insulation Codes and Costs"**

Date: Thursday January 17

Time: 5:30pm

Location: Brio Tuscan Grill

Details: <http://www.aspechicago.org/html/events.html>



# 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	Thermoplastics for use in Acid Waste Drainage and High 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>	Viega	Keeping on the right side of State & Local Plumbing Codes by Jim Majerowicz of 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	The Basics of Geothermal, Including Hybrid Systems by Scott Hackel of The Energy Center of Wisconsin	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	Available	TBD	TBD
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 <a href="mailto:rbutler@lochinvar.com">rbutler@lochinvar.com</a> or 224.238.8515			