



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 44, No. 7 February, 2013



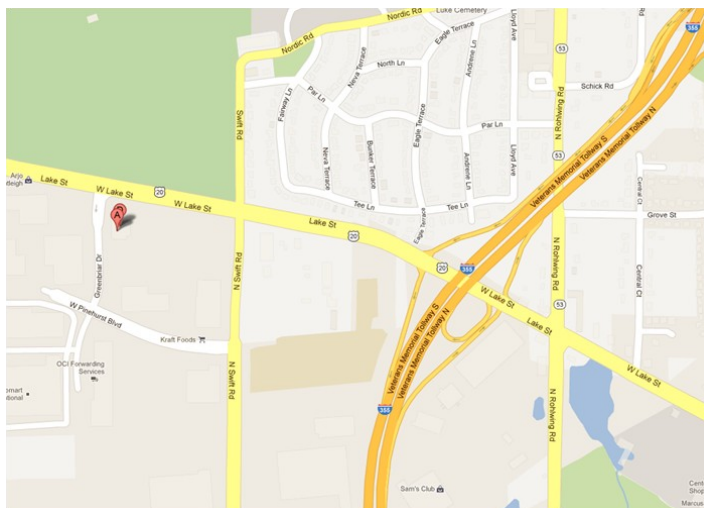
Chicago Chapter General Meeting Thursday February 21, 2013



Venuti's Ristorante and Banquets
2251 W. Lake Street
Addison, IL 60101

Free parking!

1 IL State CEU available!
*Please share with architects,
contractors and inspectors!*



AGENDA

5:30pm– 6:30pm

Cocktail Hour– Sponsored by Bornquist!



6:30pm:

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

7:30pm:

Program— **"Indirect Domestic Water Heating"**
Presenter— **Mark Kaulas, Bornquist Inc.**

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
- ◇ Go to www.Chicago.aspe.org and RSVP!

MENU

Appetizers:

- Tomatoe Basil Soup
- Caesar Salad
- Chef Baked Breads

Dinner:

- Chicken Breast Sesame

Dessert:

- Selected desserts

Drinks:

- Tea
- Coffee
- Soft Drinks

Local Chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

Hello everyone,

Are you ready for the second meeting of two thousand and thirteen? Our January meeting had great attendance and *The Basics of Geothermal, Including Hybrid Systems* by Scott Hackel of The Energy Center of Wisconsin was extremely informative. As the world population increases, we need to look for innovative and sustainable ways to cope with our energy demands. We are over seven billion people on this planet and according to current projections, we will reach 9 billion in 2040 and maybe as high as 11 billion by 2050. We should keep in mind that every single drop of water and every single watt counts. Our children will need them in the future. Please refer to Rick Butler, VPT's Technically Speaking article for more information about our previous seminar and upcoming technical presentation.

We received a few requests asking us to reach out to different suburbs, and your voice was heard. Currently, we have very popular venues and great meeting attendance, but we are always open for suggestions. There is always room for improvement. We are venturing to a new territory this month. If everything works out you can thank the board, but if it doesn't please feel free to share your wrath with Bill Bauer! He is the one that recommended Venuti's in Addison, IL. Venuti's is very close to the expressway and the service is excellent. You will not be disappointed.

Next Meeting

We will have a great presentation by Mark Kaulas from Bornquist, one of our best presenters. Also, we will be offering one hour of free IL State Approved CEU's this month. So please share this newsletter with your favorite architects, contractors, plumbing inspectors and engineers to take advantage of this opportunity.

2012-2013 ASPE Chicago Board of Directors Elections

We are looking for motivated leaders! Please consider running for a board position. This is a very rewarding experience. You will learn a lot about our industry, improve social and management skills, and expand your networks and friends in the ASPE world!

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.

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>.

Second Annual ASPE Chicago Picnic

Our second ASPE Chicago Family Picnic will take place on August 10, 2013 at Schiller Woods Grove #12. We would like to hear back from you. Did you attend last year? Do you have any recommendations or suggestions? Would you like to volunteer and help with the kids games? If so, please send an email to our Picnic Chair, John Nieman jnieman@esdglobal.com or send me an email. We had a great time last year. Don't miss it!

ASPE Chicago Advance Plumbing Engineering Classes

More information to come soon! Please contact the instructor, David DeBord, at ddebord@dbhms.com.

That's all I have so far, don't forget to buy your spouse or your significant other some flowers or chocolates.

Pura Vida!

Frank Sanchez, CPD; President

fxs@grummanbutkus.com; 847.316.9251

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
jdehoyos@dbhms.com

CORRESPONDING SECRETARY

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

AFFILIATE LIAISONS

Mick Bradford & Nevo Martelli
mickb@herkowskisa.com
nevoartelli@comcast.net

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
Environmental Systems Design
312.456.2323
jnieman@esdglobal.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>

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

LINKEDIN

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



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

Last Month's meeting:

Very good information on Geothermal basics. Also very good information on types of Hybrid Systems that allow for better payback on these types of systems. It was interesting to see how the location of the project has a big factor on what type of system to use, and why different "loop fields" are used for different reasons. For those who could not attend, a copy of the presentation is on the website and here is a link to an article based on the presentation: <http://www.ecw.org/project.php?workid=1&resultid=464>. Attendance from last month's meeting can be found on page 8.

This month's meeting (*Plenty of free parking*):

Location: Venuti's Ristorante and Banquets
Address: 2251 West Lake St
Addison, IL 60101
(Phone: 630-376-1500)

Presentation: Indirect Domestic Water Heating

The presentation "*Indirect Domestic Water Heating*" will cover the different characteristics and benefits of plate-type & tube-type heat exchangers. How heat exchangers are used in conjunction with a modern heating plant to generate hot domestic water and how heat exchangers and the heating plant are sized with particular focus on the temperature needs of condensing boiler systems.

Presenter: Mark Kaulas; Bornquist, Inc.

Mark Kaulas' career spans 30 years as a Manufacturers' Representative designing & selling water heater, pumping, oil/grease separation, rainwater harvesting and solar water heating systems. He is a graduate of the University of Illinois, Champaign, IL. Mark is an active member of the Chicago ASPE Chapter; serving on the Board of Directors, and has also worked on the Illinois Plumbing Code advisory panel.

Rick Butler, Vice President, Technical

rbutler@lochinvar.com; 224 238.8515



VICE PRESIDENT, MEMBERSHIP

Here's a partial list of the advantages of being an ASPE Member. If you know anyone that would benefit from a Membership, please pass this along. *You can also direct them to our website:*

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

The Value and Benefits of Membership

NEW! [Plumbing Engineering & Design Handbook of Tables App](#)

NEW! [20% off First-time ICC memberships](#)

ASPE *Plumbing Engineering Design Handbook*

Monthly subscription to *Plumbing Engineer* magazine

ASPE Report (in *Plumbing Engineer* magazine)

Biweekly ASPE [Pipeline](#) e-newsletter

Members-only ASPENet access (includes access to ASPE *PEDH* chapters)

Publication and education program discounts

ASPE Biennial [Convention and Engineered Plumbing Exposition](#) (even years)

ASPE Biennial [Technical Symposium](#) (odd years)

Technical seminars and [workshops](#)

Access to earn [continuing education units](#) (CEUs)

Technical [books and manuals](#) (specific to the profession of plumbing engineering)

Professional certification / recertification

Continuing education opportunities in *Plumbing Engineer* magazine

Alfred Steele [Scholarship Program](#)

Local [chapter](#) affiliation

Monthly chapter meetings and technical seminar opportunities

Networking opportunities with plumbing engineers worldwide

Leadership opportunities (national and chapter boards of directors and committees)

Mark Kaulas, Vice President, Membership

mkaulas@bornquist.com



VICE PRESIDENT, LEGISLATIVE

Hello again from your V.P Legislative,

I had a project that was at the final stages of construction and received a call from the client that a sink was not draining. It was with regards to triple pot sink installation. I went to the site to perform my final punch list for the project and came across the situation where the plumbing contractor installed the waste piping incorrectly. Below is a picture of how the contractor installed the waste piping.



What is wrong with this installation?

Please submit your response to mmannarelligm@gmail.com and the correct answer will be posted in next month's newsletter for bragging rights. The first correct answer will be the winner (determined by date and time) and will be awarded \$5.00 towards the 50/50 raffle at the next monthly meeting. Good luck and may the force be with you!

Below is a compilation of future as well as current plumbing initiatives that will affect the plumbing industry in the near future, the basics of grey water design and history facts, and a water reuse book distributed by the Public Building Commission of Chicago.

- The Unified Plumbing Code (UPC Code) has re-written chapter 16 of the 2012 code referring to "Alternate water source systems". A few topics that are covered in the chapter are new technology, recent trends, requirements for distribution and, health and safety issues.
- [01/16/13 - Governor Quinn Announces First Chicago Project Out of \\$1 Billion Illinois Clean Water Initiative \\$15 Million to Upgrade Chicago Water Pipelines and Mains](#)
CHICAGO – January 16, 2013. Governor Pat Quinn today was joined by Chicago Mayor Rahm Emanuel, Illinois Environmental Protection Agency (IEPA) Director John Kim, Illinois Finance Authority (IFA) Executive Director Chris Meister, and labor union leaders to announce the award of a low-interest, long-term \$15 million loan to the city of Chicago to replace about seven miles of drinking water pipeline
- In November of 2012 the Alliance for Water Efficiency released a paper on "Drainline Transport Study". ASPE Director Jim Kendzel was part of the six member coalition and the study is now available by download at: <http://www.allianceforwaterefficiency.org/percstudypr.aspx>
- Reduction of Lead in Drinking Water:
The "Reduction of Lead in Drinking Water Act" becomes nationally effective on January 4, 2014. This legislation reduces the allowable lead content of wetted surfaces in drinking water pipes, pipe fittings and plumbing fixtures. At Mueller Industries, we have always made it our top priority to provide customers with safe, compliant and reliable products. Today, we continue to meet the needs of the changing plumbing industry and are proud to offer a wide array of quality, NSF-61 certified, lead-free products.
- Green Infrastructure Plan for Illinois:
I was browsing through the web and found a very interesting article on the Illinois Environmental Protection Agency web site: <http://www.epa.state.il.us/green-infrastructure/index.html> with regards to Green Infrastructure Plan for Illinois.

Continued on Next Page...

VICE PRESIDENT, LEGISLATIVE CONTINUED...

- **Water Reuse**
The boost in population and the decrease in water sources have made people understand the relevance of every drop of water. Now that organic environments are actually experiencing some modifications due to the irresponsible habits of humans, people are searching for other water sources in an attempt to keep it from happening in the future.

One way people are trying to do this is by rain harvesting, which is one of the most prominent techniques used in order to generate water for use. With this kind of technique, the rainwater is collected and processed to reuse. More and more people are recycling water in order to fulfill the necessities for an adequate water system. Today the challenges to design systems are becoming increasingly difficult and the planet is being affected by global warming which further adds more problems to the shortage of water today and the greater need for reuse of water. Remember our kids will be affected by this global water shortage and more and more ways of designing water systems is upon us.

What is Gray Water?

Gray water has only been used as "wash water." It is made up of the water that comes from residences and businesses, with the exception of water from toilets and garbage disposals. The laws in regard to the use of gray water vary by state due to the importance of how the water is handled. Water systems that treat and use gray water correctly are environmentally friendly. However, if gray water is not processed in the right manner, it can lead to public health and environmental problems.

History of Water Use in Illinois

Illinois passed the Water Use Act in 1986. Although the act focused primarily on the withdrawal of water from the ground, it also set a precedent for the states' outlook on water usage. The act illustrated the states' view that it is in the public interest to better manage and conserve water. The act also established a means for reviewing potential water conflicts. The formation of this act eventually changed the perception of gray water use.

Benefits to Using Gray Water

The American Society of Landscape Architects says that due to population and natural occurrences like droughts, monitoring water usage is critical. Around the world, homeowners, businesses and cities use water that is suitable for drinking on lawns and for other purposes. Water that is used on landscapes currently accounts for a third of residential water use, which equates to nearly 7 billion gallons of water a day. The use of gray water for outdoor needs not only reduces energy usage, but also increases water efficiency.

Gray Water Usage in Illinois

The state of Illinois allows gray water usage, providing that the water is treated and used in accordance with environmental and health standards. The intent of gray water is to save clean water for human consumption by fulfilling the need for water in residential and industrial areas.

- **Water Reuse from the Public Building Commission of Chicago:**
I have provided the site below for a great book "Water Reuse from the Public Building Commission of Chicago" that discusses tools and strategies, planning for a water reuse system, building operations and maintenance, local case studies (located in Chicago) and National and International examples.
<http://www.pbcchicago.com/pdf/WaterReuse.pdf>

Mark G. Mannarelli, Vice President, Legislative
mmannarelli@henneman.com

DID YOU KNOW?

A significant change to the 2012 International Plumbing Code:

*"Section 607.2 : Hot or tempered water supply to fixtures. The developed length of hot or tempered water piping, from the source of hot water to the fixture that require hot or tempered water, shall not exceed **50** feet. Recirculating system piping and heat-traced piping shall be considered to be sources of hot or tempered water. "*

Incase you didn't know, the developed length allowed was 100 feet and the Chicago 2013 Code still reads 100 feet.



AFFILIATE LIASONS

Well we are now into the New Year. Hope you had a good start.

Our next big event will be the Product Show. We have moved it from April to September. This gives us more time to prepare and a fresh start to the first meeting after summer. We are hoping by doing this we will avoid being just another show at the end of April, when everyone is tired of product shows. We will now be the first show in the beginning of a new season!

That being said, here is what I need from you:

Suggestions. There is no dumb suggestion. We at ASPE are trying to get the Product Show on track to be the jewel of all shows, as it has been in the past. So far we have come up with a few changes to the format, but what are your ideas? This is your show. So show us what you got.

Participate. We are trying to make the show as beneficial for all involved. The best way for this to happen is for you to participate. So please look for the dates for the Product Show committee meeting and join us.

Take the Product Show Survey. Go to www.chicago.aspe.org and take the product show survey. The link is on the main page.

If you have any suggestions you want me to bring up to the board, email me and I'll be happy to do so. Let's work on this together and make the 2013 Product Show the **BEST** ever. Watch your email for more information.

Mick Bradford and Nevo Martelli, Affiliate Liaisons

mickb@herkowskisaless.com; 630.688.2635

nevomartelli@comcast.net



ADMINISTRATIVE SECRETARY

Happy February everybody,

The January Chicago Chapter Meeting had a great attendance. 66 between guests and members. The featured presentation was "The Basics of Geothermal, Including Hybrid Systems" By **Scott Hackel from Energy Center of Wisconsin**.

The free dinner raffle winner was:

Jeff St. Onge, from Hart, Travers & Associates Inc.

The 50/50 raffle winner was:

William Bauer, from Kroeschell Engineering Co., Inc.

This month the Chicago Chapter will donated \$100.00 to: **Water for People**



This is an organization that brings together local entrepreneurs, civil society, governments, and communities to establish creative, collaborative solutions that allow people to build and maintain their own reliable safe water systems. Empowering everyone transforms people's lives by improving health and economic productivity to end the cycle of poverty. <http://www.waterforpeople.org/>

J. Francisco DeHoyos, Administrative Secretary

FDeHoyos@dbhms.com; 773.732.1150

P.S. Besides our meeting this week, do not forget the **14**! Or you are going to be in trouble.



GUEST COLUMNIST

Seasons Greeting! Welcome to 2013!

I awoke on December 22nd 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!

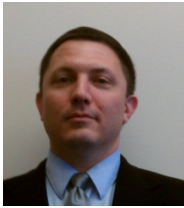
I guess life will continue for now so plan ahead! Are you planning to participate in the upcoming CPD Exam testing opportunity? April is only a few months away! You need to start studying **now** if you have not already. There are many tools available including the ASPE Chicago CPD Training. It is a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

We are still looking for any feedback you have on what you would like to see and experience at the Chicago Chapter Product Show. In fact look for an upcoming email from ASPE Chicago containing a Product Show Survey. If you would take the time to run through the survey, this would help us figure out how to make any improvements we can. You can also find the product survey on the main page of our website: www.chicago.aspe.org!

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 anyone interested. If you want to help, please contact me for more details. And all feedback is welcome.

Next Product Show Meeting

Date: Thursday, March 14, 2013
Time: 6:00 PM
Location: Lochinvar Facility, 801 Chase Ave, Unit E, Elk Grove Village, IL

Please RSVP if you plan to attend.

Please also note the ASPE National EPE will be in the fall of 2014 in Chicago.

Phill Kroll, CPD, ASPE Chicago Product Show Chairman

pkroll@metrodesign.com; 224.629.4444 ext. 213

c/o Metro Design Associates, Inc.

1707 N. Randall Road, Suite 390

Elgin, IL 60123

News from the Illinois Institute of Technology Student Chapter

ASPE Student Chapter T-Shirts is on the way!

The preliminary design for student chapter T-shirts is here! It will be on high quality Sportswear Fabric (great for gym). Any profits from the sale will go toward funding ASPE student events. The price will expect to be \$10 for students and \$15 for professionals. More details on how to order will be available at the February ASPE Chicago Dinner meeting and March ASPENews.



Jardine Water Purification Plant

The student chapter is organizing a trip to Jardine Water Purification Plant, the largest capacity water filtration plant in the world. This will be an invaluable event to expose engineering and professionals to real world projects and learn about water purification system in Chicago. The tentative date for the tour will be Friday, March 1st, 2013 at 11am at the plant. The tour will be approximately one hour long.

Jardine Water Purification Plant,
1000 East Ohio Street, Chicago, IL 60611

If you would like to join us for the tour or have any question regarding the tour, contact us at the information below!

ASPE-IIT Chapter is looking for guest speakers!

Our student chapter is looking for guest speakers from plumbing industry professionals. We plan to host guest lectures on our main campus on February 7th and March 21st, 2013 from 12:50pm-1:40pm! IIT main campus is 10 minutes from downtown Chicago, and we have 35 general body members. IIT chapter would love to learn about your experience and expertise in plumbing industry, and we cordially invite you as a guest lecturer. If you are interested in being a guest speaker, please contact us at the information below!



Illinois Institute of Technology Student Chapter

aspe.illinoistech@gmail.com; 224-433-1722

January Meeting Attendance

The following individuals attended the January 2013 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.

Alex Sirota	Danialle Schenkoske	Emily Smith	Jim Majerowicz	Michael Cwanek	Shawn McAuffe
April Ricketts	Daniel Patt	Era Yee	Joe Dinkel	Mike Castellano	Theresa Allen
Brian Arendt	Darren Rich	Eric Petzer	KC Akalaona	Mike Imaoka	Tim Smith
Brian Hank	David DeBord	Fernando Alonso	Kelvin Kennedy	Nevo Martelli	Tom Babcock
Bruce Shegarfi	David Erickson	Francisco DeHoyos	Ken Cutler	Patrick O'Boyle	Tom Higgins IV
Chris Rohan	David Ewing	Frank Sanchez	Lauren Johnson	Paul McLafferty	Tony Daugina
Chris Wisinski	David Lehman	George Sobyra	Luciana Sayoko Kayo	Paul Riedinger	Tony Navarro
Clarence Corington-El	David Perretta	Herb Hymen	Mark Mannarelli	Rick Butler	William Bauer
Craig Shannon	E.D. Kedzie	Jeff Cochran	Mark Nasra	Robert Kogut	
Dan Goellner	Ed Lichner	Jeff St.Onge	Martgnas Budrais	Sarah Mahlik	
Dan Gorclon	Ed Ware	Jill Dirksen	Matt Pardue	Scott Hackel	
Dan Meredith	Edward Mendez	Jim Lagina	Mel Withrow	Sean Allard	



INDUSTRY NEWS

The snow has not showed up yet but it is still too cold be outside so go to one of the following meetings or conferences. 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>)

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)

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?%09categoryID=943&itemID=22735&URL=Training/Events%20calendar>

Society of Fire Protection Engineers (SFPE) (www.chicagosfpe.org)

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>

PAMCANI (www.pamcani.org)

PAMCANI's industry-wide calendar:

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

Illinois Fire Prevention Association (IFPA) (www.ifpanet.org)

February IFPA Meeting

Date: Tuesday, February 12

Time: 6:00 pm

Location: TBD

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

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

Seminar: "Electrical Guidelines for the HVAC&R Design M.E.s"

Date: Tuesday February 12

Time: 2:30 – 8:00pm

Location: Aramark, 2300 Warrenville Rd, Downers Grove, IL 60515

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

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

USGBC – Illinois Chapter (LEED) (www.usgbc-illinois.org)

Events Calendar (Hyperlink)

Refrigeration Service Engineer's Society (RSER) (www.rses.net)

February Meeting - Centrifugals

Date: Tuesday February 12

Time: 7:00

Location: The O'Hare Center, Rosemont, IL.

Details: Our special guest speaker will be offering his expertise on centrifugals Free Parking, Free Admission.

March Meeting – Basic Economizer Troubleshooting

Date: Tuesday March 12

Time: 7:00

Location: The O'Hare Center, Rosemont, IL.

Details: Mike Bishop with Johnson Controls will present how to troubleshoot basic economizers. Free Parking, Free Admission.

April Meeting – Rooftops – Setting up for Summer

Date: Tuesday April

Time: 7:00

Location: The O'Hare Center, Rosemont, IL.

Details: Basic Clean & Check on rooftops; setting up for summer mode presented by Terrence T. Brandt, Educational Director, RSER Chicago Chapter. Free Parking, Free Admission.

American Society of Professional Estimators (www.aspechicago.org)

February Meeting: "Ethics in Chicago"

Date: Thursday February 21

Time: 5:30pm

Location: Brio Tuscan Grill

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

Keith Seier, Corresponding Secretary
kseier@esdglobal.com; 312 456.2338



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
Saturday August 10, 2013	ASPE Chicago Chapter Summer Event		Schiller Woods Grove #12
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			