Chicago ASPENEWS
Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 49, No. 8
March 2018

Chicago Chapter General Meeting
Thursday March 15, 2018

HAPPY ST. PATRICK’S DAY

La Villa 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:

6:30pm Dinner, ($35 for ASPE Members $40 Non-Members). RSVPs must be received by 6:00 PM on Monday, March 12th (RSVPs received after this time will be charged a $5 late fee).

7:15pm Manufacturer Spotlight: Thermal Balancing Valves for DHW Recirculation from Caleffi by Josh Stetler with Lyall, Thresher & Associates

7:30pm Presentation: Codes and Standards Development, a Peek Behind the Curtain by Curtis Dady of Viega (0.1 CEUs Available!)

RSVP by 6:00 PM on Monday, March 12th to Chris Sbarbaro, VP Technical to avoid being charged a $5 late fee!!
◊ Call: 847-316-9220
◊ Email: Chicago.ASPE.RSVP@gmail.com
◊ Go to Chicago.aspe.org and RSVP!

MENU

Appetizers:
• Focaccia Bread

Starters:
• House Salad w/ Ranch, 1000 Island, and House Dressings

Entrées:
• Bowtie Pasta with Tomato Basil Sauce
• Corned Beef & Cabbage
• Baked Potatoes w/ Sour Cream
• Chicken Siciliana

Dessert:
• Ice Cream w/ Strawberry and Chocolate Toppings

Drinks:
• Green Beer, Coffee

Local chapters are not authorized to speak for the Society
<table>
<thead>
<tr>
<th>Date</th>
<th>Technical Presentation &amp; Manufacturer Spotlight</th>
<th>CEU</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 21, 2017</td>
<td>ASPE Chicago Product Show (See next page for a list of Technical Seminars)</td>
<td></td>
<td>Plumbers Local 130 Union Hall 1400 W. Washington Blvd. Chicago, IL 60607</td>
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<tr>
<td>October 19—22, 2017</td>
<td>ASPE National Technical Symposium Montréal, Québec</td>
<td>0.1</td>
<td>Hotel Bonaventure Montréal 900 Rue de la Gauchetière O Montréal, QC H5A 1E4 Canada</td>
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<tr>
<td>October 19, 2017</td>
<td>Presentation Topic: Heat Exchanger Sizing Speaker: Mark Kaulas of Bornquist Mfr Spotlight: TBD</td>
<td>0.1</td>
<td>La Villa Restaurant 3632 N Pulaski Rd Chicago, IL</td>
</tr>
<tr>
<td>December 14, 2017</td>
<td>Booster Night Holiday Party &amp; Casino Night</td>
<td></td>
<td>La Villa Restaurant 3632 N Pulaski Rd Chicago, IL</td>
</tr>
<tr>
<td>January 18, 2018</td>
<td>Presentation Topic: Water Heater Flue Venting Speaker: Rick Butler of Lochinvar Mfr Spotlight: TBD</td>
<td>0.1</td>
<td>Venuti’s 2251 W. Lake Street Addison, IL</td>
</tr>
<tr>
<td>February 15, 2018</td>
<td>Presentation Topic: Siphonic Roof Drains Speaker: Jay Stenklyft of MiFab Mfr Spotlight: NIBCO Press Speaker: Aaron Kilburg of NIBCO</td>
<td>0.1</td>
<td>Westwood Tavern &amp; Tap 1385 N. Meacham Rd Schaumburg, IL</td>
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<tr>
<td>March 15, 2018</td>
<td>Presentation Topic: Codes and Standards Development, a Peek Behind the Curtain Speaker: Curtis Dady of Viega Mfr Spotlight: Thermal Balancing Valves for DHW Recirculation from Caleffi Speaker: Josh Stetler with Lyall, Thresher &amp; Associates</td>
<td>0.1</td>
<td>La Villa Restaurant 3632 N Pulaski Rd Chicago, IL</td>
</tr>
<tr>
<td>April 19, 2018</td>
<td>Presentation Topic: Introduction to CPVC Piping Systems Speaker: John Pritchard with Lubrizol Mfr Spotlight: FlowGuard Gold &amp; Corzan CPVC Piping Systems Speaker: John Pritchard with Lubrizol</td>
<td>0.1</td>
<td>Venuti’s 2251 W. Lake Street Addison, IL</td>
</tr>
<tr>
<td>May 17, 2018</td>
<td>Presentation Topic: Water Quality in High Efficiency Heating Equipment Speaker: Lochinvar Mfr Spotlight: Water Heating Products Speaker: Lochinvar</td>
<td>0.1</td>
<td>Club Casa (at Golf Center) [New Venue Location!] 353 N. River Rd Des Plaines, IL</td>
</tr>
<tr>
<td>June 15, 2018</td>
<td>Annual Golf Outing</td>
<td></td>
<td>Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates</td>
</tr>
</tbody>
</table>

If you would like to present any of these topics or become a meeting sponsor, please contact Chris Sbarbaro at aspe.chicago.vptech@gmail.com.
March Greetings!

Welcome to Springtime (or maybe not, if the weather keeps flip-flopping). It feels like I’ve just broken in my new snow boots yesterday and now it is time to shelve them for the season.

Be sure to join us at our March Chapter meeting, which includes a St. Patrick’s Day themed dinner and pitchers of green beer. Oh…and the meeting is pretty good, too (smile). Check out Chris S.’s article for more information.

Speaking of meetings, thanks to everyone who turned out to last month’s Chapter meeting on Siphonic Roof Drains. We had an unusually large amount of folks who showed up but didn’t RSVP, which is always a challenge for the restaurant to make sure that we have enough dinners for all (so that no one ends up getting served the mystery meat). For those of you who did RSVP, kudos to you (smile). For those of you who didn’t, please plan to RSVP for future meetings so that we have a good headcount to the restaurant. And if you do RSVP but cannot make it, please let us know that, too.

Looking ahead to the next few months…

We are starting to ramp up for planning the Chapter Golf Tournament, with will be on June 15th at the Hilldale Golf Club. Stephen Triphahn is once again chairing the golf tournament committee and he has lots of great things planned. We will start advertising for the event pretty soon, so check your inbox in the next few weeks. Also, be sure to check out his article in this newsletter.

We are starting to plan for our annual chapter summer outing. In years past, we’ve had Pig Roasts and a couple of years ago we met up at the horse race track…but the biggest obstacle is finding an activity that generates enough interest so that we get a good turnout. We will be sending a survey in the coming days to see what kind of a summer activity you’d be interested in. Likewise, we will be looking for volunteers to help out at the event…so stay tuned!

Until Next Time…

April Ricketts, PE, CPD, LEED AP BD+C
Chicago Chapter President
aspe.chicago.president@gmail.com
312-346-5000
Manufacturer Spotlight

This month we would like to thank:

Thank you for your support!
Thanks to all who attended, (and RSVP’d), for last month’s meeting. Last month we had 8 RSVP’d no shows, 12 non-RSVP’s show up, and 3 people not sign in/pay. If you forgot to pay please reach out to our Chapter Treasurer to provide a form of payment. We also had some members waiting for food due to certain members not RSVP-ing. THIS COSTS THE CHAPTER MONEY AND IS ANNOYING FOR THOSE WHO HAVE TO WAIT FOR FOOD!! IF YOU ARE NOT GOING TO MAKE IT TO A MEETING, OR INTEND TO SHOW UP LAST MINUTE THAT IS FINE - JUST SHOOT ME AN EMAIL AND LET ME KNOW!!! I find it wasteful to order extra meals for people that may show up!

Now that I have gotten that off my chest, here is the upcoming March’s Chapter Meeting Presentation Info:

Manufacturer’s Spotlight: Thermal Balancing Valves for DHW Recirculation with Caleffi presented by Josh Stelter of Lyall, Thresher & Associates

Title of Main Technical Presentation: Codes and Standards Development, a Peek Behind the Curtain with Curtis Dady of Viega

Description of Content:
We all refer to them, cite them, sometimes curse them and generally adhere to them but… Have you ever wondered where codes and standards come from? Then this program is for you!

We will pull back the curtain on how these important industry guidelines and legitimacy pillars are born and understand them from a questions-based approach that include these and many more topics:

- How are codes and standards developed?
- What is the difference between a code and a standard?
- What is an “SDO” or a “standards promulgator”?
- What is the significance of a CONSENSUS STANDARD?
- What is an “ANSI accredited 3rd party listing agency”?

Bio: Curtis Dady is a Technical Manager for Viega, LLC, supporting initiatives of the Regional Sales staff as well as representing Viega in the development of the Model Codes (ICC/IAPMO/NFPA, etc.). Curtis studied Building Construction at Texas A&M prior to beginning a career encompassing multiple aspects of commercial, residential and industrial construction, manufacturing and/or plant operations. Employed by Viega since 2003, Curtis is working as a Technical Manager to support initiatives of the Regional Sales staff as well as to represent Viega in the development of the Model Codes (ICC/IAPMO).

Thank You,

Chris Sbarbaro, PE, GPD, CPD, LEED AP BD+C
Chicago Chapter Vice President, Technical
aspe.chicago.vptech@gmail.com
Actually, this newsletter sat on my computer for a couple of weeks while we negotiated with Puxatony Phil. He has agreed to give us a warm up this week! But he is still on the menu!

Chapter Officers

REMEMBER:

We are ALL volunteers! Thank you for your service. As Chapter Officers, you have unique opportunities to enhance the member experiences within your Chapter. This can sometimes affect other Chapters when it involves committees, bylaw change submissions, updates to Plumbing Engineering Design Handbooks, or articles in magazines or the Pipeline. Sometimes an idea that starts with you, can travel through our Society and our industry, to give birth to new member benefits or other initiatives. Please remember to thank your local volunteers for their efforts. We are nothing without them. As volunteers, we have all chosen to make a difference. Thank you for your efforts!

Please let me know if you need technical resources.

Have you seen this: https://www.facebook.com/CommunityPlumbingChallenge/

Thanks to all of the volunteers including some ASPE people like Nicholas J. Hipp and our Society VP Membership Vinny Falkowski!

GOD bless you my friends!

Continued on Next Page...
2018 ASPE National Convention
Atlanta, Georgia

Are you ready for Atlanta? You need to be there! The 2017 ASPE TS in Montreal was the best one yet! I know that I say that after every ASPE event these days, but it is true. We have continued to improve our events over the last few years, and we continue to work on improving them! 2018 Atlanta will be a new plateau! You will see some major changes based partially on your feedback. Make sure that you are there with us! Encourage your members to run for delegate positions. I learned so much from attending these shows in the past. If our employers understood the personal and professional growth, and the value that this gives to us and them, they would be more supportive. They would even require attendance! Be on the edge of our newest methods and technologies. Be there! It is the only way!

Last note on 2017 ASPE Technical Symposium

What we need now, is your comments and evaluations of the Symposium, as well as the Technical Sessions that you attended. We are always working to make our events and resources. YOUR feedback is essential!

What did you think?
If you attended the 2017 Technical Symposium, we'd love to get your feedback. You can provide

*DON’T MISS ANOTHER EVENT!* If you do, you may be left behind. Do whatever it takes to get to these events. They can be lifechanging. Even I get inspired by them!

Our year is ending!
Make sure your annual reports are on track! And plan to attend your Regional Presidents’ Meeting! This is essential to keeping in touch with all of the latest ASPE activities! Your Society BoD Members will be at Region Meetings. Engage with us and share your thoughts, ideas, or concerns. We are there for YOU!

COMMUNICATE!

MISSION POSSIBLE: YOUR MISSION…

Get ready! Elections are coming! And you, when you ran for VPT, made a commitment to run for President. You have been trained for this mission and you need to make sure that you are ready for the final step!
As I See It: Common Ground
I will again venture from what some would consider to be “technical” in nature, but it is important to look beyond the borders that may be drawn in any part of life, including Plumbing Engineering. While we are all individuals, we have several common bonds.

We are all nerds. We love numbers. We seek challenges to resolve. If we don’t have a problem, we will make one! 8^) and of course, we are all volunteers.

Let’s work together to make ASPE and Plumbing Engineering more solid and conducive to our common goals.

Plumbing PE Working Group
It appears that there is some lack of understanding out there, among our members. Let’s try to clear this up. We are not trying to make a short cut to PE. We are not trying to make CPD into PE-Plumbing. We are just trying to establish and have it recognized that Plumbing is a discipline that requires expertise, and as such, should be an option on the PE Exam and the whole process of becoming a Professional Engineer that specializes in Plumbing Engineering. That does not mean that one does not have other fields of knowledge, but that one is qualified to design and engineer plumbing systems. Some existing PE’s that work in Plumbing Engineering may be resisting our efforts. They should be helping us rather than fighting us. This is not the first time that we have run into this kind of resistance. Sometimes people that hold a power are reluctant to relinquish it. If they fully understood our mission, they would have no reason to object. Please reach out to your local PE’s and ask if they would be interested in helping our movement. This will happen so it is to the benefit of all to show support. Please let me know if you want more information, or if you know of someone that we should contact. The PEWG continues to make solid progress! It does take a lot of work and we need to thank the WG members as well as other PE’s that are working on this project:

The PE Working Group
Robert (BJ) Allen  
Briane N. Hall  
Ron Bartley  
Christoph Lohr  
Aaron Bock  
Saum Nour  
Mitch Clemente

Billy Smith  
Haig Demergian  
Scott Steindler  
David Dexter  
David DeBord  
Vinny Falkowski

2018 Workshop Series: Is your Chapter taking advantage of this GOLDEN opportunity?
A lot of chapters run their own workshops. But should still look at taking advantage of ASPE sponsored events. ASPE has a few workshops that we make available to you. If you would like ASPE to bring a workshop to your rea, let’s talk! We need some commitment from the local Chapter for support. We can’t go through the time, effort, and expense that it takes to host to hold an event, without some local help to secure attendees. That being said, we are here for you. Tells us your needs and we will try to make it happen. If you think we should develop something specific that we do not have available, please let us know.

Are you thinking about taking the CPD exam?
Make sure that you and your local members know that ASPE has several resources that are designed to assist in your successful experience with the CPD and CPDT Exams. You can find more info at aspe.org/CPD. For the newest 2017 CPD Review Manual go here: https://aspe.org/product-detail
ASPE Journal seeks articles and case studies
Publishing an article in ASPE Journal is a great way to show off your skills as a plumbing engineer or designer. We currently are taking submissions for future issues on nonproprietary topics and case studies related to plumbing system design. Contact gpienta@aspe.org to submit your article or for more information.

Technical Publications
Following is an update on the status of active projects in the Publications Department.

Plumbing Engineering Design Handbook, Volume 2
We have solicited volunteers to revise this volume, which will be distributed to members in 2019.

Plumbing Engineering Design Handbook, Volume 1
All members in good standing should have received the newest edition!
The T&R Committee has completed a pre-review of this book as the first step in its revision.

Water Pipe Size Calculator, Storm Water Calculator, Vent and Drainage Slide Rule
We are looking into turning these tools into apps.

Practical Plumbing Engineering
This book will be the next revision project.

Plumbing Technology
This book will follow Practical Plumbing Engineering as the next revision project.

Plumbing Engineering Design Handbook, Volume 3
We are also currently looking for volunteers to Chair Volumes 3 of the PEDH. It is never too early to begin the process of rewriting a volume the PEDH. This BOD is committed to keeping the yearly production schedule of the PEDH volumes. By starting sooner, it will give the Society a chance to upgrade the graphics and enhance the quality of these publications.

Thanks to all of the volunteers whose efforts and dedication make this possible!

Publications Available:
• 2017 CPD Review Manual
• Advanced Plumbing Technology II
• ARCSA/ASPE/ANSI 63-2013: Rainwater Catchment Systems
• ARCSA/ASPE/ANSI 78-2015: Stormwater Harvesting Systems
• ASPE/ANSI 45-2013: Siphonic Roof Drainage
• Domestic Water Heating Design Manual
• Engineered Plumbing Design II
• Fire Protection Systems III
• Hunter Papers
• Illustrated Codes PDH
• PEDH 1, 2, 3, and 4
• Pharmaceutical Facilities Plumbing Systems
• Plumbing Dictionary
• Plumbing Technology
• Practical Plumbing Engineering
• Pumps and Pump Systems II
• Storm Water Calculator
• Vent & Drainage Slide Rule
• Water Pipe Size Calculator

David E. DeBord FASPE, CPD, LEED®AP BD+C, ARCSA®AP, GPD
Society Vice President, Technical Director of Plumbing and Fire Protection Engineering @ dbHMS
303 West Erie Street, Suite 510 Chicago, IL 60654
p (312) 915-0557 x305 m (773) 505-9041 david.aspe@gmail.com
Greetings Members,

We had great attendance at our last meeting at Westwood Tavern in Schaumburg. Make sure as always to RSVP beforehand for the meetings. The next one comes early again on the 15th this month. We are going back to La Villa again.

Thinking ahead to May we will be giving out the anniversary pins (these are for everyone on a 5 year anniversary with ASPE). We have a whopping 63 members on this cycle. I’ll be reaching out to all of you beforehand to see if you can attend to receive your pin. A special early congratulations to Bob Abbott and Bob Dahlmann, both of whom are at 45 years with ASPE. Thanks very much gentlemen!

As always, please promote ASPE around your office and to your colleagues. Please contact us if you’d like to put any ASPE literature on your presentations or if you see opportunities around schools or communities to promote ASPE and assist the community as a whole.

I’d like to thank Michael Blum & Chad Finn for joining as new members. Welcome to ASPE!!! I hope we can give you pins in the near future as well.

Thank you,

Chris Wisinski
Chicago Chapter Vice President, Membership
ASPE.Chicago.VPM@gmail.com

Greetings Members,

Westwood Tavern and Tap was a great venue for our meeting, we had over 60 attendees and the 50/50 raffle soared to $266 which meant that Habitat for Humanity received $133 and Tom Bailey with Quest Design Group received $133.

The RSVP winner was Joe Ficek with Grumman Butkus.

I look forward to seeing you all at our next general meeting on Thursday March 15th at La Villa 3632 N. Pulaski Rd. Chicago, IL.

Thank you for reading and have a great Day!

David Erickson
Chicago Chapter Administrative Secretary
C# 312-519-5629 aspe.chicago.admsec@gmail.com
This year's golf outing will be held on June 15, 2018 at Hilldale Country Club in Hoffman Estates. Reservation forms will be sent out in the near future. We will start with a "shot-gun" tee-off at 8:30 a.m. Cocktails (cash bar) will begin at 3:00 p.m., with dinner (please let me now if you have any special dietary requests) to follow at 4:00 p.m. as in years past; lunch will be served between the 9th and 10th holes. Breakfast will be served from 7:30 a.m. - 8:30 a.m. in the snack shop and beverages from the beer carts will be served on the course throughout the day.

There will also be special displays and activities as you play the course.

You don't want to be left out. The golf format for this year's event will be a shamble. Each player hits a tee shot, select the best ball of the four tee shots, all players move their balls to the spot of the best ball, from this point each player plays their own ball until it is holed out.

We appreciate your support and look forward to another successful outing!

Thanks,

Steve Triphahn  
Golf Outing Chairman  
Steve.Triphahn@wtengineering.com
Greetings Affiliates, Engineers, and All ASPE Members!

March is here and Spring is Right around the corner, better weather, another Cub World Series Title and more craziness to add to what has already been a hectic start to the year.

The ASPE Board is very busy planning events as there are a lot of things coming up!

The ASPE Convention is in Atlanta this year, our local ASPE Show, Summer outing (we will be reaching out to all of you soon to get some feedback on what you would like the summer outing to be) Remember I am your voice between YOU and the ASPE Board and your input is always welcome and very valuable, let me know what you would like brought to the board and I will make a point of having your voice heard!

How would you like to Advertise in our monthly Newsletter for FREE??? I will be doing a drawing for a FREE ½ page ad to be run in a upcoming newsletter!!!! How do you enter, you ask? All you need to do is send me an email to: dar-ren@fluidtechsales.com and in the subject line put: "Free Ad"

That’s it! That’s all you need to do to get entered.
In the meantime, please reach out to me to place your ad in our monthly newsletter!

We have ad space available! Ad rates are as follows:

- Full Page ad: $300.00
- ½ Page ad: $150.00
- ¼ Page ad: $100.00
- 1/8 Page ad: $50.00

Please reach out to me to secure your Ad space. What a fantastic way to highlight your company, a manufacturer, a product, and ASPE! Money raised from Advertising will make future events even better! I look forward to seeing everyone soon!

Thank You,

Darren Rich
Chicago Chapter Vice President, Affiliate
P# 847.875.8659 aspe.chicago.vpaff@gmail.com

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AYP LIAISON / PRODUCT SHOW CHAIRMAN

Greeting Members,

The product show committee has begun the planning process for this year’s show. We are hoping to make it even better this year. If you have any comments regarding last year’s show please feel free to reach out to me using one of the email addresses’ listed below.

Niebo is in the process of sponsoring a vendor event. The flyer will be distributed via email in the coming weeks. The event will be at Top golf with an educational session before golf, drinks, and appetizers are provided. The event will be open to engineers only. Date, time, and location will be provided on the flyer. Please keep your eyes peeled for this in your inbox.

If any vendor would like to help sponsor an AYP event please feel free to reach out to discuss.

Justin Wroblewski, CPDT
Chicago Chapter AYP Liaison / Product Show Chairman
aspe.chicago.ayp@gmail.com / aspe.chicago.pschairman@gmail.com / Jwroblewski@ams-pmt.com
ORDER YOUR ASPE CHICAGO BADGE!

Are you tired of being the only one at the meeting without a fancy ASPE Chicago name badge? Do you want to update your badge so it has your new name or company?

The Chicago Chapter is proud to offer once again our badge promotion!

Costs:

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
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<tr>
<td>Badges</td>
<td>$15</td>
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<td>Shipping (optional)</td>
<td>$5</td>
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Make checks payable to "ASPE Chicago Chapter" and either drop off your check at one of the Chapter Meetings or mail it to:

ASPE Chicago Chapter
c/o Mark Mannarelli/Syska Hennessy Group
330 N. Wabash Ave, Ste. 1505
Chicago, IL 60611

Name and Company will be printed on the badge as listed below - if you leave blanks or list other names, they WILL be printed on the badge. If you would like your badge mailed to you, please include this information. You can mail or email this form. Badge order will not be processed until payment is received. Send emails to mannarelligm@gmail.com

Please indicate your preferences:

Name: _____________________________________________
Company: ___________________________________________

Fastener style (please circle one):

- Clip
- Magnet

*This promotion is for ASPE Chicago members only!*
CORRESPONDING SECRETARY: INDUSTRY NEWS

Thank you to everyone for the overwhelming support in last month’s 50/50 raffle benefiting “Habitat for Humanity”! We ended up donating $133 and it seems each month everyone’s support for the cause only grows – thank you for the generosity.

This next month our 50/50 raffle will go to benefit “March of Dimes”, a worldwide organization that looks to empower families with the knowledge and tools to have healthier pregnancies to prevent birth defects, premature births, and infant mortality. As always, please see below a number of different opportunities around our community that would benefit those of you who chose to invest your time.

American Society of Sanitary Engineering (ASSE)  
(www.asse-plumbing.org/chapters/region04_il.html)

**ASSE Monthly Chicago Meeting**
**Date:** March 13th  
**Time:** 10:30AM – 2:00PM  
**Location:** Cucina Biagio: 7309 W. Lawrence Ave, Hardwood Heights, IL

**ASSE Mid-year Meeting**
**Date:** April 10th-11th  
**Time:** All Day  
**Location:** ASSE International Headquarters: 18927 Hickory Creek Drive, Suite 220, Mokena, IL  
**Details:** (http://www.asse-plumbing.org/midyear/)

Illinois Chapter of ASHRAE  
(www.illinoisashrae.org)

**ASHRAE YEA**
**Date:** March 1st  
**Time:** 6:00PM – 8:00PM  
**Location:** AceBounce: 230 N. Clark St., Chicago, IL 60601  
**Details:** (http://illinoisashrae.org/meetinginfo.php?id=149)

**ASHRAE Monthly Meeting**
**Date:** March 13th  
**Time:** 5:30PM  
**Location:** TBA  
**Details:** (http://illinoisashrae.org/calendar.php)

Illinois Association of Plumbing-Heating-Cooling Contractors (ILPHCC)  
(www.ilphcc.com)

**Continuing Education Class**
**Date:** March 23rd  
**Time:** 9:00AM – 1:00PM  
**Location:** Drury Lane Conference Center: 100 Drury Lane, Oakbrook Terrace, IL  
**Cost:** $35  
**Details:** (http://www.ilphcc.com/assets/2017%20202018%20continuing%20education%20flyer.pdf)

**ILPHCC EXPO**
**Dates:** March 23rd  
**Times:** 12:00PM – 5:00PM  
**Location:** Drury Lane Conference Center: 100 Drury Lane, Oakbrook Terrace, IL  
**Cost:** FREE  
**Details:** (http://www.ilphcc.com/assets/documents/EXPO/Poster%202018.png)

**ILPHCC Board Meeting**
**Dates:** March 24th  
**Times:** 8:30AM  
**Location:** Hilton Suites: 10 Drury Lane, Oakbrook Terrace, IL 60181  
**Details:** (http://www.ilphcc.com/mc/community/eventdetails.do?eventId=533397&orgId=ilphcc&recurringId=0)

National Fire Protection Association (NFPA)  
(www.nfpa.org)

**NFPA training throughout the US:**  
**Details:** https://www.nfpa.org/Training-and-Events/Resources/Events-calendar

**NFPA FREE Webinar:**  
**Disaster Resiliency and NFPA Codes and Standards**  
**Date:** Tuesday, February 16, 2016 – 12:30 – 2:00 PM (EST)  
**Cost:** Free  
**Details:** http://catalog.nfpa.org/Disaster-Resiliency-and-NFPA-Codes-and-Standards-Webinar-P16025.aspx

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

**IFPA-SFPE Fire Protection Product Show**  
**Date:** March 13th  
**Time:** 2:45PM – 7:00PM  
**Location:** Medinah Banquets: 550 N Shriners Dr. Addison, IL 60101  
**Cost:** FREE (2 free PDH/CEU Credits)  
**Details:** (http://www.chicagosfpe.org/event/18th-annual-ifpa-sfpe-fire-protection-product-show/)  
**Details:** (http://rses.net/)
Refrigeration Service Engineer's Society (RSES) 
(www.rsnes.net) 
**RSES Monthly Meeting** 
Date: March 13th 
Time: 7:00PM 
Location: Silver Stallion Restaurant: 1275 Lee St., Des Plaines, IL 60018 
Details: (http://rsnes.net/) 

Illinois Rural Water Association (IRWA) 
(http://www.ilrwa.org/) 
**CEUs** 
Details: (http://www.ilrwa.org/Training/watertraining.html) 

Water Environment Federation (WEF) Illinois Chapter 
(http://www.iwesite.org/) 
**Illinois Wastewater Professionals Conference** 
Dates: April 16th – 18th 
Location: Crowne Plaza: 3000 South Dirksen Parkway, Springfield, IL 62703 
Cost: $350 
Details: http://events.r20.constantcontact.com/register/event?oeidk=a07ee2fqcc5006af7fe&llr=bvdbgpca 

Illinois Fire Prevention Association (IFPA) 
(www.ifpanet.org) 
**IFPA-SFPE Fire Protection Product Show** 
Date: March 13th 
Time: 2:45PM – 7:00PM 
Location: Medinah Banquets: 550 N Shriner's Dr. Addison, IL 60101 
Cost: FREE (2 free PDH/CEU Credits) 
Details: (http://www.chicagosfpe.org/event/18th-annual-ifpa-sfpe-fire-protection-product-show/) 

Healthcare Engineers Society of Northern Illinois (HESNI) 
(http://hesni.org/index.php) 
**2018 ASHE PDC Summit** 
Date: March 25th 
Time: 8:00AM 
Location: Nashville, TN 
Details: (http://hesni.org/calendar.php) 

PCA (Plumbing Contractors Association of Chicago and Cook County) 
(https://plumbingcouncil.org/pca) 
**PCA Monthly Meeting** 
Date: March 13th 
Time: 6:00PM 

If there are any other organizations that you would like to stay current on, please send me an email and they will be added to the list for our next newsletter. Have a great month!

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