



# Chicago ASPENews



*Celebrating 50 years of excellence!*

Chicago Regional Chapter of the American Society of Plumbing Engineers  
Vol. 51, No. 4  
November 2019



## Chicago Chapter General Meeting Thursday, November 21, 2019



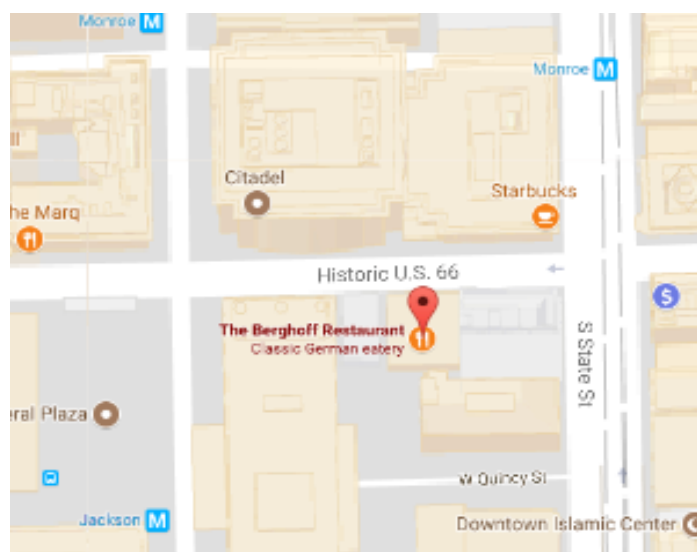
### The Berghoff Restaurant

17 West Adams Street  
Chicago, IL 60603

Parking Info: Pay in advance online  
at **iParkit** to save big \$\$ on parking!!  
[Click Here](#) for more info!

### Toys for Tots Month!

Bring a new, unwrapped toy to donate!!



### AGENDA

5:30pm Cocktail Hour Sponsored By: **CHARLOTTE**  
PIPE AND FOUNDRY COMPANY

THOMAS J. HIGGINS COMPANY  
Manufacturers' Representative Since 1973

6:30pm Dinner, (\$40 for ASPE Members \$45 Non-Members). **RSVPs must be received by 6:00 PM on Monday, November 18th** (RSVPs received after this time will be charged a \$5 late fee).

7:15pm **Manufacturer Spotlight:** *NU Flow Midwest by Dave Wiley with NU Flow Midwest*

7:30pm **Main Presentation:** Emerging Trends Impacting Potable Water Systems by Ryan Wohlfarth with Georg Fisher (0.1 CEUs Available!)

Please RSVP on the [Chicago.aspe.org](http://Chicago.aspe.org) website in lieu of calling or

### MENU

First Course:  
House Salad

Entrée Choice:

#### Sauerbraten

Marinated, roasted sirloin of beef, sweet and sour gravy, mélange of vegetables and whipped potatoes

#### Whitefish

Roasted vegetable napoleon, jasmine rice timbale, dill-caper butter sauce

#### Roasted Half Chicken

Mashed potatoes, grilled asparagus, natural jus lie

Dessert:  
Apple Strudel

Drinks:  
Soft Drinks, Coffee and Tea



# Chicago ASPENews



## 2019-2020 Preliminary ASPE Chicago Meeting Schedule

Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
September 19, 2019	<b>Presentation Topic: Solar Thermal Domestic Water Systems</b> <b>Speaker: Steve Lipsey with R.C. Sales</b>  <b>Mfr Spotlight: TBD</b> <b>Speaker: TBD</b>	0.1	Venuti's 2251 W. Lake Street Addison, IL
October 17, 2019	<b>Presentation Topic: Engineered Devices vs. Legionella</b> <b>Speaker: Craig Boyce with Kemper Valves</b>  <b>Mfr Spotlight: Sloan Flushmate</b> <b>Speaker: KC Akalaonu with Sloan Flushmate</b>	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd. Schaumburg, IL
October 24-27, 2019	<b>ASPE Technical Symposium</b> <b>Pittsburgh, PA</b>	Several Hours Available	Wyndham Grand Pittsburgh 600 Commonwealth Place Pittsburgh, PA 15222
November 21, 2019	<b>Presentation Topic: Emerging Trends Impacting Potable Water Systems</b> <b>Speaker: Ryan Wohlfarth with Georg Fischer Piping</b>  <b>Mfr Spotlight: NU-Flow Midwest</b> <b>Speaker: Dave Wiley with NU-Flow</b>	0.1	The Berghoff 17 W. Adams Street Chicago, IL
December 12, 2019	<b>Booster Night Holiday Party &amp; Casino Night</b>	N/A	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 16, 2020	<b>Presentation Topic: Conversation/ Discussion with Local Plumbing Plan Reviewer/Plumbing Inspector</b> <b>Speaker: George Swietczak</b>  <b>Mfr Spotlight: Lochinvar</b> <b>Speaker: Trevor McDougall</b>	0.1	Venuti's 2251 W. Lake Street Addison, IL
February 20, 2020	<b>Presentation Topic: Intelligent Water Technologies</b> <b>Speaker: Ray Elliott with I-Con</b>  <b>Mfr Spotlight: I-Con</b> <b>Speaker: Ray Elliott with I-Con</b>	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd. Schaumburg, IL
March 20, 2020	<b>ASPE Chicago Product Show and Technical Seminars Co-located with IL PHCC</b> <b>Drury Lane Conference Center, Oakbrook Terrace, IL</b>	0.2	Drury Lane Conference Center, Oakbrook Terrace, IL
April 16, 2020	<b>Presentation Topic: Water Treatment</b> <b>Speaker: Jonny Seccombe with Aqua Rex</b>  <b>Mfr Spotlight: NIBCO</b> <b>Speaker: Aaron Kilburg with NIBCO</b>	0.1	Club Casa (at Golf Center) 353 N. River Rd Des Plaines, IL
May 21, 2020	<b>Presentation Topic: Grease Production Sizing for Grease Interceptors: satisfying plumbing/prereatment requirements + achieving proper pump-out frequency</b> <b>Speaker: Charlie Ismert with Schier Products</b>  <b>Mfr Spotlight: Schier Products</b> <b>Speaker: Charlie Ismert with Schier Products</b>	0.1	The Berghoff 17 W. Adams Street Chicago, IL
June 19, 2020	<b>Annual Golf Outing</b>	N/A	Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates

If you would like to present any of these topics or become a meeting sponsor, please contact Scott Jagodzinski at [aspe.chicago.vptech@gmail.com](mailto:aspe.chicago.vptech@gmail.com).



## **PRESIDENT'S MESSAGE**

We had a great event last month at our Chapter meeting in Schaumburg. Special thanks to Jeff St Onge of Hart, Travers, and Associates Inc. and Ed Lichner of Mechanical Equipment Inc. for sponsoring cocktail hour! We saw an informative manufacturer's spotlight on Sloan Flushmate with KC Akalaonu from Sloan Flushmate Division. Our main technical presentation was interesting as it focused on engineered devices and hot water circulation from Craig Boyce with Kemper Valves.

I look forward to seeing everyone at our November Chapter meeting at the Berghoff.

### **Recent AYP Event was a success!**

We had 11 attendees at our recent AYP event at Flight Club, consisting of: 4 different engineering firms, 2 manufacturer's representative, 1 contractor, 1 person from Plumbing Engineering magazine, and of course our AYP Liaison Phil Traynor.

### **ASPE Technical Symposium**

The Chicago Chapter had a strong presence at the recent ASPE Technical Symposium in Pittsburgh, PA. We had over 17 Chapter members present, including 3 past Chapter Presidents.

Here are a few notes I took from a Project Management seminar at the Symposium that I'd like to share with you. They are specifically related to risk mitigation:

- Fix problems fast
  - Focus on solving the problems
  - Avoid finger pointing
  - Don't get caught up in "who's going to pay for this"
- Don't volunteer acceptance of blame
- Choose your words carefully
  - They will be used against you
  - You could inadvertently accept blame
  - Document it all



### **Toys for Tots:**

Just a reminder that we will be collecting gifts at our December Holiday Party. Please consider donating an unwrapped toy or two that will ultimately be provided to children in need. I hope to have some US Marine Corps Reserve at our upcoming event to receive the toys, similar to years past.



Continued on Next Page...

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### **WEBSITE**

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

### **FOLLOW US ON:**



## **PRESIDENT'S MESSAGE, CONTINUED...**

### **Affiliate Members – Please get us your MS Contact info & updated Line Cards**

We really need you to fill out your Microsoft Outlook Contacts using the template we provided (please see the template on the next page). As previously mentioned, these will be the basis for our ASPE Chicago Manufacturer's and Representatives Index, as well as our ASPE Chicago Plumbing Products Directory. These contacts will provide a quick and effective way for our Engineer Members to find you and your product lines, so please don't delay on getting these in, (along with an updated line card).

The image shows a Microsoft Outlook contact form for 'Justin Wroblewski - Contact'. The form is filled out with the following information:

- Full Name:** Justin Wroblewski
- Company:** AMS Mechanical
- Job title:** Certified Plumbing Design Technician and Coordinator
- File as:** Wroblewski, Justin
- Internet:**
  - E-mail:** jwroblewski@AMS-PMT.COM
  - Display as:** Justin Wroblewski (jwroblewski@AMS-PMT.COM)
  - Web page address:**
  - IM address:**
- Phone numbers:**
  - Business:** (331) 903-3462
  - Home:**
  - Business Fax:**
  - Mobile:** (630) 465-2992
- Addresses:**
  - Business:** 9341 Adam Don Pkwy, Woodridge, IL 60517
  - ☒ This is the mailing address

Red annotations with arrows point to specific fields and sections:

- Suggest including a photo** points to the photo field.
- Please populate the notes section of your MS Outlook contact to include the following:** points to the Notes section.
- If you carry multiple manufacturers, please add them to the notes section** points to the 'Manufactures Rep' and 'Product Lines' fields in the Notes section.
- Add all the contact info you like. Maybe include a link to your companies line card if posted online?** points to the 'Web page address' field.
- The varies products your company carries. Please utilize the list provided and delete what is not applicable** points to the 'Products' list in the Notes section.

The Notes section contains the following text:

Example:  
Manufactures Rep  
Product Lines:  
Products:  
Accessories  
Actuators  
Air Valves & Systems  
Automatic Valves  
Carriers  
Compressors  
Computer Software & Cad Systems  
Control, Automatic & Flush Valves  
Design Consulting  
Disaster Preparedness/Prevention/Recovery  
Drains/Drain Systems  
Drinking Fountains/Water  
Coolers  
Faucets  
Faucets - Sensor Operated  
Fire Protection Equipment  
Fire Pumps, Engines, Controllers, Accessories  
Fixtures - Stainless Steel  
Fixtures - Tubs/Toilets/Basins  
Grease Oil & Solids Interceptors  
Hvac  
Industry Association  
Media/Association  
Pipe Couplings, Fittings & Systems

Thank You,

**Chris Sbarbaro, PE, GPD, CPD, LEED AP BD+C**  
Chicago Chapter President  
[aspe.chicago.president@gmail.com](mailto:aspe.chicago.president@gmail.com)





# Manufacturer Spotlight



***This month we would  
like to thank:***



***Thank you for your support!***

# ASSE PRODUCT SHOW

**When: Tuesday, November 12th, 3:00 pm to 5:30 pm**

**Where: Plumbers Local Union 130 Training Center**

Don't Miss Out!!

## PRESIDENT'S LETTER

Happy October,

It is time again for one of our biggest events - The ASSE Illinois Chapter Product Show! Our product show is for everyone to see what different vendors have to offer. The product show is a great place for to learn about new products directly from manufacture representatives or get help on proper usage and installation of a wide variety of products. Please invite a coworkers, friends, or anyone that would enjoy this event – All are invited! The product show is November 12, 2019 3:00 pm to 5:30 pm at the Plumbers local 130 training center, there is a \$5.00-dollar entrance fee to help offset a very small part of the cost to our ASSE Illinois Chapter.



Plumbers Local 130 UA will have Flu Shots are available at the training center on 11/12/19 at 2:00 pm to 6:00 pm

Congratulations to our ASSE International Members that have reached a new milestone this year - the Quarter Century Club.

### **25 Year Member:**

Andrew Kireta, Jr. - 25 YEARS (Quarter Century Club)

Patrick Flader – 25 YEARS (Quarter Century Club)

### **35 Year Member**

David Ingram - 35 YEARS (Quarter Century Club)

*On behalf of the Illinois Chapter we would like to thank you for time and dedication to the ASSE International and the Illinois chapter.*

First Posting of three for the officer's election of the Illinois Chapter.

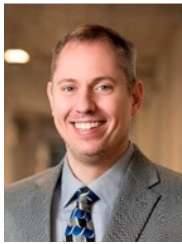
Nominations on 10/28/19 are:

- President - Gary Howard
- First vice president - Ciro Gaimari
- Second vice President - Joseph Sowa
- Treasure - Michael Scherer
- Secretary - Cristina Barillas
- Sergeant of Arms - Randy Olson

Look for our general membership meetings in the new year.

Fraternally yours

Denis Riordan



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

Hello ASPE Chicago Chapter Members. A big thank you to Craig Boyce, from Kemper Water Solutions, for his presentation on Engineered Devices vs Legionella last month.

Thank you to KC for his Spotlight Presentation on Flushmate, sorry the volume didn't work on your video. And a special thanks to Ed Lichner and Jeff St. Onge from ME Inc & HTA respectively for sponsoring the Cocktail Hour.

### **Special Note:**

If someone has allergies or diet restrictions and would like something alternative to the listed dinner offering, please reach out to me directly with as much advance notice as possible and we will try to accommodate you. However, due to the challenges of such requests, members will be required to prepay online prior to the meeting and cancellations will not be refunded as that alternative meal will not be served if you are not in attendance.

### **November Chapter Meeting Presentation Info:**

This month we are heading to **Chicago** for our meeting at **The Berghoff**.

Please as a reminder, **RSVP by 6:00 PM Monday November 18<sup>th</sup>**.

Costs this year will follow suit with what we implemented last year. Members who RSVP on time, cost will be \$40, Late RSVP and non-members cost will be \$45.

Please register online for best results.

**This month we will have a multiple-choice dinner option so when you register online, PLEASE select which dinner option you prefer.**

Cocktail Hour Sponsored by: ***Rob Costello from Charlotte Pipe and Tom Higgins from TJ Higgins.***

Manufacturer's Spotlight: ***NU Flow Midwest by Dave Wiley.***

Title of presentation: ***Emerging Trends Impacting Potable Water Systems by Ryan Wohlfarth from Georg Fisher.***

The following content will be reviewed:

- Trends impacting Plumbing Systems
- Material Solution
- Emerging Technology

### **Bio:**



Ryan Wohlfarth has over 15 years of experience in the plumbing/mechanical industry as a sales engineer/technical sales manager. He started as a sales engineer working for his father's manufacturer's rep firm in Chicago for Triad Boiler line. He has worked for a couple other firms in Los Angeles and San Diego areas, Rite Engineering and Uponor respectively. Most recently Ryan moved back with his wife to the Pittsburgh area to work for Georg Fischer Piping Systems as a Piping Systems Specialist. Ryan holds a Bachelor of Science in Business Management/Finance.

It is never too early to think about our 2020/2021 season. If you have an idea for a technical presentation you want to see, or you have a great technical session you want to present, please reach out to me and we can look to get you or your topic on the list for next season. Slots will fill up quickly. We are also looking to lock in Manufacturer Spotlights and Cocktail Hour sponsors as well.

Thank You,

**Scott Jagodzinski, GPD, CPD**  
Chicago Chapter Vice President, Technical  
[aspe.chicago.vptech@gmail.com](mailto:aspe.chicago.vptech@gmail.com)

Feeling Lucky?? Then you should join us for:

# **The Chicago ASPE Booster Night Holiday Party**

and



Thursday, December 12th | 5:30 to 9:00 p.m.

La Villa Restaurant  
3632 N. Pulaski Rd.  
Chicago, IL

The 2019 Chicago ASPE Booster & Casino Night is just around the corner. Don't miss out on the fun with gambling for amazing prizes at the black jack, craps, roulette tables and more!

Stay tuned for more information!!

Attention Affiliates: Sponsorship opportunities are still available!  
Please contact Darren Rich for more information: Ph# 847.875.8659  
[aspe.chicago.vpaff@gmail.com](mailto:aspe.chicago.vpaff@gmail.com)



# \*\*\*ASPE CAREERS\*\*\*

## New Job Posting



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### the engineering studio, inc.

The Engineering Studio, Inc. is an MEPFP consulting firm established in 2000 and located in downtown Des Plaines, away from the congestion (traffic) of Chicago, but close to highways and public transportation (Metra).

For the past 20 years, we have enjoyed doing business with a variety of loyal clients. To continue providing the best service, we are looking for a **plumbing designer/engineer** to work on a wide variety of project types. The person we are looking for will have 2-5 years of plumbing design experience, good communication skills, be familiar with plumbing codes, have the ability to size piping systems, and be proficient in AutoCAD and Revit MEP software.

We offer a competitive wage and benefits package, and a convivial working environment.

Our company consists of knowledgeable motivated people, working together as a team on a variety of complex and exciting building design and renovation projects. We provide equal employment opportunity to all people. This is a thriving company with many possibilities for continuing education and career growth.

Job responsibilities include:

- Work within multi-discipline project teams to develop drawing and specification documents for issuance to architects, contractors and building owners.
- Assist in the development of design approaches and concepts for assigned projects
- Assist in the scheduling and selection of major equipment
- Produce detailed plumbing layouts in AutoCad and Revit based upon applicable codes and standards
- Produce plumbing fixture schedules and riser diagrams
- Assist with on-site observations before, during and after construction
- Review shop drawings

No recruiters or temporary agencies please

If interested, please contact us: [info@engineeringstudio.com](mailto:info@engineeringstudio.com)

For more information on The Engineering Studio, Inc., please visit our website at [www.engineeringstudio.com](http://www.engineeringstudio.com)



## **VICE PRESIDENT, LEGISLATIVE**

Greetings Chicago Chapter Members!

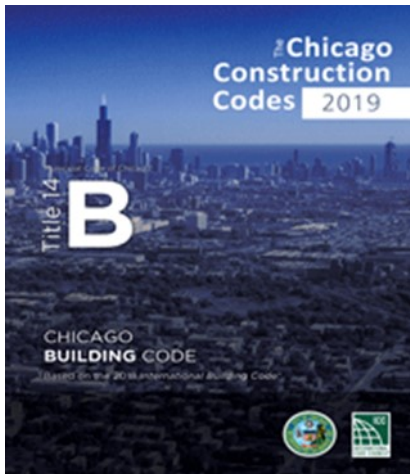
I'm writing you from the comforts of Terminal B at Pittsburgh International Airport after spending the last few days attending the ASPE Tech Symposium in The Steel City. It was great to see the Chicago Chapter so well represented, with 17 members in attendance at what was the largest attended symposium to date!

The ASPE Tech Symposium is always a great opportunity to load up on CEU's through the many technical sessions offered, networking, and having some fun with your peers! The highlight was the President's Party Friday night on the Empress Riverboat that made its way up and down the Allegheny, Monongahela (try saying that 3 times quick), and Ohio Rivers, giving us spectacular views of the underrated Pittsburgh skyline. The next big ASPE event will be the 2020 Convention & Expo in New Orleans, followed by the 2021 Tech Symposium in San Diego. I recommend making plans to attend at least one of those events.

I attended the Legislative Committee Meeting and am very excited about the improvements ASPE is making after sitting in that meeting. In the coming weeks, a Legislative Community will be created on ASPE Connect that will allow all the VPL's to openly communicate with each other and quickly share information, including our monthly newsletter articles. This will allow each Chapter VPL to pass important information along to their respective Chapter for any members that provide services outside of their community. During the meeting, there was also a call to action for ASPE Members to become more involved in the code development process. Anyone can apply to serve on one of the committees, and anyone can submit code change proposals. The 2021 ICC Plumbing Code Development Cycle has already been completed and I will be sharing those changes in future newsletters, but the 2024 ICC Plumbing Code Development Cycle will begin in the near future <https://www.iccsafe.org/wp-content/uploads/ICC-CDP-How-It-Works.pdf>

There were 39 technical sessions offered on a wide variety of topics, but as you can imagine, Legionella concerns worked their way into many of the sessions. We were made aware this weekend that ASPE has formed a Legionella Committee to further develop standards on how to manage Legionella. This is great news, as I'm sure many of you, like me, are not always sure to what extent we should be designing systems to protect against legionella and what impact those designs have on construction costs. What is necessary for a hospital, may not be necessary for your multi-family building or retail outlet, but precautions should always be taken. At a minimum, you should consider storing your hot water at 140°F, distributing at 130°F and maintaining your return loops at no lower than 122°F. Additionally, eliminate any dead legs in the system to prevent stagnation, as flow is our friend when it comes to combatting Legionella. I'll be sure to include more information in upcoming newsletters regarding this topic among others, as there was a lot of good information provided in the sessions.

### **Code Updates**



In Illinois, all things are quiet. As it relates to the proposal to mandate 160°F water distribution in plumbing systems, it is my understanding that due to the overwhelmingly negative responses to the proposal, it has been withdrawn without response, hopefully to never be seen again!

In exciting news, the City of Chicago's transition to construction codes based on the 2018 International Codes moves on with the release of the new Chicago Building Code (Title 14B). Title 14B is now available for pre-order and can be viewed online for free here <https://codes.iccsafe.org/search/?search=Chicago>.

Please note that the new code will become optional for all new permit applications started on or after December 1, 2019, and mandatory for all permit applications started on or after August 1, 2020. For any new projects in the City of Chicago, be sure to verify which code the Owner or Architect intends to apply under.

Since the new code was published a couple weeks ago, I've been comparing Title 14B to the current Chicago Building Code and have found some significant changes in the Fire Protection portion of the code. While reviewing Chapter 9, "Fire Protection & Life Safety Systems" you will need to be aware that Chicago has adopted similar Occupancy Classifications to the IBC with amendments, so be sure to understand the classification changes as you review the new code as noted on the next page:

Continued on Next Page...

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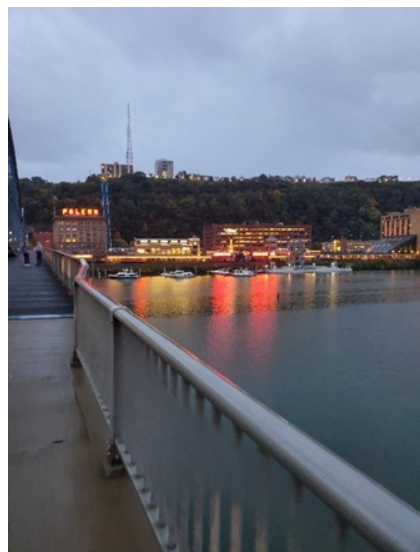
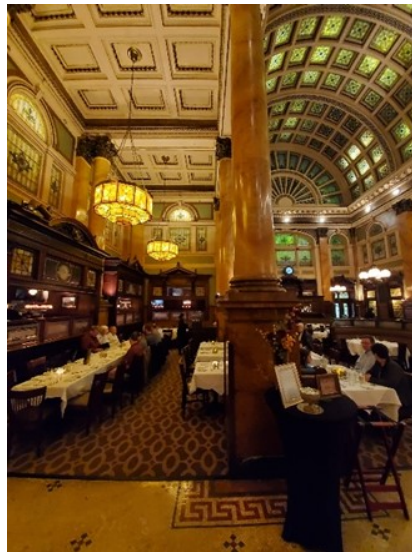
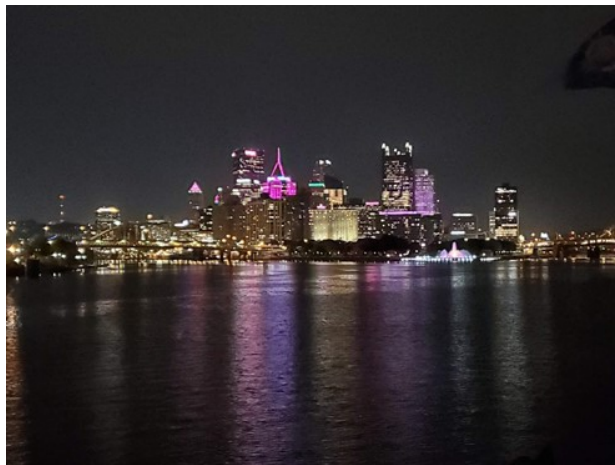
TAKE THE FIELD.







This past month a number of our Chicago contingent took part in the **ASPE Technical Symposium**. This year the symposium was in Pittsburgh, PA. It was my first symposium experience and it is a huge focus on the educational aspect of ASPE. There was a total of 39 sessions broken down into 5 tracks, so you had a chance for 8 different seminars to attend. There were so many great presentations that were offered that I had a difficult time deciding which ones to take. The new ASPE Education group really stepped up to the plate this year and there were a number of changes that I found to be a nice change from previous Convention seminars and made sure that you paid attention in each one. In order to receive your CEU you had to answer a number of questions related to the topic as well as provide a review of the speakers before you could get your certificate. The questions in some were easy and right along with the slides, while others made you think a bit more. Most sessions you had 3 chances to answer 4/5 questions correctly. If you failed all the attempts, you would not receive a CEU for that session. I like this new approach to make sure that you are active in the session and paid attention to the speaker. Another item that is different with the symposium over the convention is that there is less focus on manufacturers and more on the education. There was a product show but it only lasted 4 hours on the first day. I only caught the last half hour as my flight was a little later in the day.



Thank You,

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 Chicago Chapter Vice President, Technical  
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## **VICE PRESIDENT, LEGISLATIVE, CONTINUED...**

### Current Chicago Building Code

Class A, Residential  
Class B, Institutional  
Class C, Assembly  
  
Class D, Open Air Assembly  
Class E, Business Units  
Class F, Mercantile Units  
Class G, Industrial Units  
Class H, Storage Units  
Class I, Hazardous Use Units  
Class J, Miscellaneous Buildings & Structures

### New Chicago Building Code (Title 14B)

Residential Group R  
Institutional Group I  
Assembly Group A &  
Educational Group E  
Assembly Group A-5  
Business Group B  
Mercantile Group M  
Factory Group F  
Storage Group S  
High Hazard Group H  
Utility & Miscellaneous Group U

Some other major changes include what appears to be a major expansion of building classifications that will require automatic sprinkler systems and standpipes. Additionally, standpipe requirements will be more closely aligned with the IFC and NFPA 14. Here are a few examples of significant changes to the Fire Protection portion of the code:

**903.2.8 Group R.** An *automatic sprinkler system* installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R *fire area*.

#### **Exceptions:**

1. Buildings of Group R-5 occupancy
2. Buildings of Group R-2 occupancy not more than 4 stories above *grade plane* where each *fire area* contains not more than 2 *dwelling units* and all required vertical *exits* are interior *exit stairways*.

**903.2.8.1 Group R-3 and R-5.** An *automatic sprinkler system* installed in accordance with Section 903.3.1.3 shall be permitted in Group R-3 and R-5 occupancies.

**903.2.8.2 Group R-4, Condition 1.** An *automatic sprinkler system* installed in accordance with Section 903.3.1.3 shall be permitted in Group R-4, Condition 1 occupancies.

**903.2.8.3 Group R-4, Condition 2.** An *automatic sprinkler system* installed in accordance with Section 903.3.1.2 shall be permitted in Group R-4, Condition 2 occupancies.

**903.2.8.4 Care facilities.** An *automatic sprinkler system* installed in accordance with Section 903.3.1.3 shall be permitted in care facilities with five or few individuals in a single-family dwelling.

### **Section 903 Automatic Sprinkler Systems**

**903.2.10 Group S-2 parking garages.** An *automatic sprinkler system* shall be provided throughout buildings containing parking garages in accordance with Section 406.6 where any of the following conditions exists:

1. Where the floor area of the parking garage exceeds 12,000 square feet (1115m<sup>3</sup>).
2. Where the parking garage has a storage capacity of more than 20 vehicles and is located beneath other occupancies.
3. Where the parking garage is in a *basement*.

### **Section 905 Standpipe Systems**

**905.1 General.** Standpipe systems shall be provided in new buildings and structures in accordance with Sections 905.2 through 905.11. In buildings used for high-piled combustible storage, fire protection shall be in accordance with the *Chicago Fire Prevention Code*.

Continued on Next Page...

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

**905.2 Installation Standard.** Standpipe systems shall be installed in accordance with this section and NFPA 14. Fire department connections for standpipe systems shall be in accordance with Section 912.

**905.2.1 Water Supply.** Where wet standpipes are installed in *buildings* that are less than 80 feet (24.4 m) in *building height* and the *building* is protected throughout with an *automatic sprinkler system* in accordance with Section 903.3.1.1 or 903.3.1.2, the water supply for the building may be designed to provide 100 pounds per square inch (689 kPa) pressure with 500 gallons per minute (1893 L/min) flowing from the two hydraulically most remote outlets in the *fire protection system*. The standpipe system shall be designed for full standpipe flow in accordance with NFPA 14.

**905.3 Required Installations.** Standpipe systems shall be installed where required by Sections 905.3.1 through 905.3.8. Standpipe systems are allowed to be combined with *automatic sprinkler systems*.

**Exception:** Standpipe systems are not required in Group R-2, R-3, R-4 and R-5 occupancies not more than four stories above grade plane.

**905.4 Location of Class I standpipe hose connections.** Class I standpipe hose connections shall be provided in all of the following locations:

1. In every required *interior exit stairway*, a hose connection shall be provided for each *story* above and below *grade plane*. Hose connections shall be located at the floor landing.
2. [Reserved]
3. In every *exit passageway*, at the entrance from the *exit passageway* to other areas of a building.
4. [Reserved]
5. Where the roof has a slope less than four units vertical in 12 units horizontal (33.3-percent slope), a hose connection shall be located to serve the roof or at the highest landing of an *interior exit stairway* with access to the roof provided in accordance with Section 1011.12.
6. Where the most remote portion of a non-sprinklered floor or *story* is more than 150 feet (45720 mm) from a hose connection or the most remote portion of a sprinklered floor or *story* is more than 200 feet (60960 mm) from a hose connection, the *fire code official* is authorized to require that additional hose connections be provided in *approved* locations.

### **Section 912 Fire Department Connections**

**912.1 Installation.** Fire department connections shall be installed in accordance with the NFPA standard applicable to the system design and shall comply with Sections 912.2 through 912.6.

**912.2 Location.** With respect to hydrants, driveways, buildings and landscaping, fire department connections shall be so located that fire apparatus and hose connected to supply the system will not obstruct access to the buildings for other fire apparatus. The location of fire department connections shall be reviewed and accepted by the *fire code official*.

**912.2.1 Visible location.** Fire department connections shall be located on the street side of buildings or facing fire apparatus access roads, fully visible and recognizable from the street, fire apparatus access road or nearest point of fire department vehicle access or as otherwise approved by the fire code official.

As you can see from the code language above, it appears Chicago may be more willing to align itself with the model building codes than originally thought. Is this a sign of things to come for the new Chicago Plumbing Code? We will hopefully find out in the very near future. If you have suggestions for any future code changes, submit your suggestions to [DOBCommissioner@cityofchicago.org](mailto:DOBCommissioner@cityofchicago.org). In the meantime, I will continue reviewing the new building code and will notify you of any other significant changes that may impact your Plumbing and Fire Protection designs.

Please reach out to me if you have any code questions, code updates, ideas for topics of discussion, or you are looking for any interpretations and I will try and include pertinent information in future newsletters. We are here to provide our Chapter members our services whenever we can.

Thank you!

**Chris Rohan, CPD**  
Chicago Chapter Vice President, Legislative

# LUNCH AND EARN.



Domestic cast iron soil pipe is not only made from scrap iron, preventing thousands of tons of scrap from going into landfills but it's also 96% recyclable at end of life. Attend a Lunch and Learn to earn CEUs and understand how and when to specify cast iron soil pipe.

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## **VICE PRESIDENT, MEMBERSHIP / PRODUCT SHOW CHAIRMAN**

Greeting Members,

The Technical Symposium was a great experience and it was nice to be in classes with like-minded professionals. If you didn't have a chance to make it to a technical symposium yet I highly recommend going. It is a great way to bond with Chicago chapter members and get most of your CEUs for the year.

Our new members for the month of October were:

- **Keith O'Higgins**
- **John Grabarits**
- **Ishtiaq Syed**

Please welcome them to the chapter when you see them at the next meeting!

Vendors should have received an email with an Outlook Contact templated for you to fill out and return to me. I have only received a handful of them and I would like to roll this out before our December newsletter is released. The intent of this is for engineers to be able to search for products in their outlook contacts and find the correct manufacturer's rep to call if they need a question answered.

Please reach out to me if you need help filling this out and I can walk you through it.

All members and vendors should have received the first contact list. If you have not, please make sure you have your contact information updated on the ASPE.org website so I have the correct information for distribution.

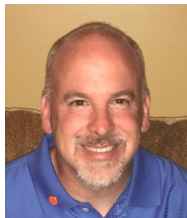
The product show this year will be co-located with the PHCC at Dury lane on March 20th. We are still in the process of scheduling CEU classes and we will update the chapter in the near future. [Registration](#) will be through the PHCC. Please spread the word to engineers, colleagues, and contractors.

Thank you,

**Justin Wroblewski, CPDT**

*Chicago Chapter Vice President, Membership / Product Show Chairman*

[ASPE.Chicago.VPM@gmail.com](mailto:ASPE.Chicago.VPM@gmail.com) / [aspe.chicago.pschairman@gmail.com](mailto:aspe.chicago.pschairman@gmail.com) / [Jwroblewski@ams-pmt.com](mailto:Jwroblewski@ams-pmt.com)



## **VICE PRESIDENT, AFFILIATE**

Hello Affiliates & All ASPE Members,

Halloween is behind us and we were reminded that cold & crummy Chicago winter is on the way! November is here! All the stores have their Christmas stuff out and soon you will see the homes and streets of Chicagoland lit up with festive Christmas / Holiday lights and decorations.... The smell of ASPE Chicago's Annual Booster Night is in the air!

Booster night will be held on Thursday December 13<sup>th</sup>, 2019 at LaVilla Restaurant as they will play host to Casino Night once again!

To make this event more spectacular than the year before, the help of all our Affiliates, Reps and Manufacturers is needed! What else are you going to do with all that money you saved on not paying for a Local ASPE show this year??? Here is a suggestion.... why not be a sponsor for Booster Night?!?!?!

This is the best attended meeting of the year that gives us a fantastic opportunity to show our Engineering Community how much we appreciate their support of our products.

Continued on Next Page...



## **VICE PRESIDENT, AFFILIATE, CONTINUED...**

The Available sponsorships are as follows:

### **General Sponsor—\$100.00**

Your company will be listed on a sign thanking all of our sponsors and listed in the ASPE January Newsletter. There are an unlimited number of General Sponsorships Available.

### **Game Sponsor—\$300.00**

This sponsorship includes everything in the General Sponsorship as well as a sign specifically thanking your company next to one of the Casino Games. This Sponsorship is limited to the amount of tables we have (either 6 or 7, still confirming) and will be first come, first served

### **Bar Sponsor—\$300.00**

This sponsorship includes everything in the General Sponsorship as well as a sign specifically thanking your company hanging by the bar. At this point, we are not limiting the number of Bar Sponsorships! Drink All you want (But be careful!!!!)

### **Platinum Sponsor—\$2,000.00**

This sponsorship gets you everything in the General Sponsorship, the Bar Sponsorship, and gets you top billing on the sponsorship listings/signage, and lastly, gets your name/logo as a sponsor at our prize table

Let me know if you are interested in a sponsorship at this level.

We will also have digital screens displaying all of our sponsors as we did last year.

Please let me know as soon as possible if you would be interested in supporting this event at any level.

Don't forget to encourage new ASPE memberships when you do Lunch and Learns at engineering firms. Let's continue to grow what is already the greatest ASPE Chapter in the Country!!

Please do not hesitate to reach out to me with any thoughts and ideas you would like to see brought up in front of the ASPE Board. Your feedback and input is always welcome!

Thank You,

**Darren Rich**

*Chicago Chapter Vice President, Affiliate*

P# 847.875.8659 [aspe.chicago.vpaff@gmail.com](mailto:aspe.chicago.vpaff@gmail.com)



## **ADMINISTRATIVE SECRETARY**

Greetings Members,

I would like to start off with an apology for not being able to attend the October meeting at Westwood, I really like this venue too. I would like to thank Jeff Gallagher for sitting in for me and providing me with the intelligence report of the meeting.

We had 50 total guests which provided a total of \$260 for the 50/50; the 50/50 cause will go towards Global Fund for Women who will receive \$130.00 the recipient of the remaining collected \$130.00 was won by Chris Rohan. Mike Imoka was our RSVP Dinner winner.

Our November meeting will be Thursday November 21 at The Berghoff at 17 W. Adams Street Chicago, IL. 60603.

I hope to see you there, thank you for reading and have a great day!

**David Erickson**

*Chicago Chapter Administrative Secretary*

C# 312-519-5629 [aspe.chicago.admsec@gmail.com](mailto:aspe.chicago.admsec@gmail.com)

# **ATTENTION MANUFACTURERS AND MANUFACTURER REPS!**

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# 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:**

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**Shipping (optional):** \$5

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](mailto: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 & AYP LIAISON**

I hope the Fall has kicked off well for everyone, though my fellow Bears fans are struggling every Monday as of Late... There are a plethora of events coming up and many of them quite early this month.

Last month Elkay hosted my first AYP event with a great turn out. I hope the events continue to grow and in turn generate increased attendance from our younger members at future meetings. If you would like to get involved, please let me know as soon as you would like!

### **American Society of Sanitary Engineering (ASSE)**

([http://www.asse-plumbing.org/chapters/region04\\_il.html](http://www.asse-plumbing.org/chapters/region04_il.html))

ASSE product show

Date: Nov. 12, 2019

Time: 3PM-5:30PM

Location: 1400 W Washington Blvd. Chicago, Is 60607

Details: Attendance is \$5

### **Illinois Chapter of ASHRAE**

(<http://www.illinoisashrae.org/>)

Chapter Meeting

Date: Nov. 12, 2019

Location: TBD

Details: ([ASHRAE MEETINGS](#))

### **Young Engineers in ASHRAE**

Date: August 28, 2019

Time: 5:30 PM - 8:30 PM

Location: Sidebar Grille

221 N. LaSalle St.

Chicago, IL 60601

Details: <https://illinoisashrae.org/meet-reg1.php?id=185>

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

([www.ilphcc.com](http://www.ilphcc.com))

Illinois PHCC EXPO North

Date: March 20, 2020

Time: TBD

Location Drury Lane Conference Center

Oakbrook Terrace, Illinois

### **National Fire Protection Association (NFPA)**

(<https://www.nfpa.org/Training-and-Events/Resources/Events-calendar>)

No local event on Website

### **Society of Fire Protection Engineers (SFPE)**

(<http://www.chicagosfpe.org/>)

All Day Educational Seminar

Date: Nov. 13, 2019

Time: 8 AM - 3:15PM

Location: 330 Pfinsten Rd

Northbrook, IL 60062

Details: \$100 for Members

\$125 for Non Members- RSVP-

[kelly.opert@ul.com](mailto:kelly.opert@ul.com)

### **Illinois Rural Water Association (IRWA)**

(<http://www.ilrwa.org/>)

Implementing the new D/O/M Regulations

Date Dec. 3, 2019

Location: Oblong Community Building

202 S Range Street

Oblong, IL 62449

Details: FREE - 4 Education Hours

### **National Rural Water Association (NRWA)**

(<http://www.nrwa.org/>)

No Events locally

### **American Water Works Association (AWWA)**

([www.awwa.org](http://www.awwa.org))

International Symposium - Potable Reuse

Date: Feb 10-11, 2020

Location: Atlanta, Georgia

Details: <https://www.awwa.org/Events-Education/potable-reuse>

### **Water Environment Federation (WEF) Illinois Chapter**

(<http://www.iweasite.org/>)

NARP Workshop

Date: Nov. 14, 2019

Time: 9 AM - 12 PM

Location: Bicentennial Park - Indoor Theater

201 West Jefferson Street

Joliet, IL 60432

Details: [Event Link](#)

2-3 attendees per Organization

IWWSG/IWEA Pretreatment Dinner

Event Date: Feb. 19, 2020

Event Time: 5:00 PM-9:00 PM Central

Location: Maggiano's

250 Oakbrook Court

Oak Brook, IL 60523

Details: <https://memberleap.com/Calendar/moreinfo.php?eventid=20228>

COST: \$60 Members & \$75 Non Members

Continued on Next Page...



## **CORRESPONDING SECRETARY: INDUSTRY NEWS & AYP LIAISON, CONTINUED...**

### **Illinois Fire Prevention Association (IFPA)**

([www.ifpanet.org](http://www.ifpanet.org))

No local Events planned

### **Healthcare Engineers Society of Northern Illinois (HESNI)**

(<http://hesni.org/index.php>)

Quarterly Membership Meeting

### **USGBC - Illinois Chapter (LEED)**

(<https://illinoisgreenalliance.org/news-and-events/calendar/>)

Solar Energy and Storage Exhibit

Date: Nov. 14-15, 2019

Location: Palmer House Hilton, Chicago, IL

Details: <https://events.solar/midwest/>

### **PCA (Plumbing Contractors Association of Chicago and Cook County)**

(<https://plumbingcouncil.org/pca>)

PCA Associate Member Meeting

Dates: Nov. 14, 2019

Time: 6-8PM

Location: Erie Cafe Chicago

Details: [Registration](#)

FEE: Free for first person \$50 per Additional

PCA Sponsored CEU class

Environmental Hazards Training: Lead, Mold, Legionella Bacteria and Asbestos

Date: Nov. 21, 2019

Location: Holiday Inn Itasca

860 W Irving Park Rd, Itasca, IL

Time: 4PM- 8PM

Details: [Registration](#)

FEE: \$75

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 November!

**Phil Traynor, HSA**

Chicago Chapter Corresponding Secretary & AYP Liaison

[aspe.chicago.cspsec@gmail.com](mailto:aspe.chicago.cspsec@gmail.com) / [aspe.chicago.ayp@gmail.com](mailto:aspe.chicago.ayp@gmail.com)