



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
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April, 2017

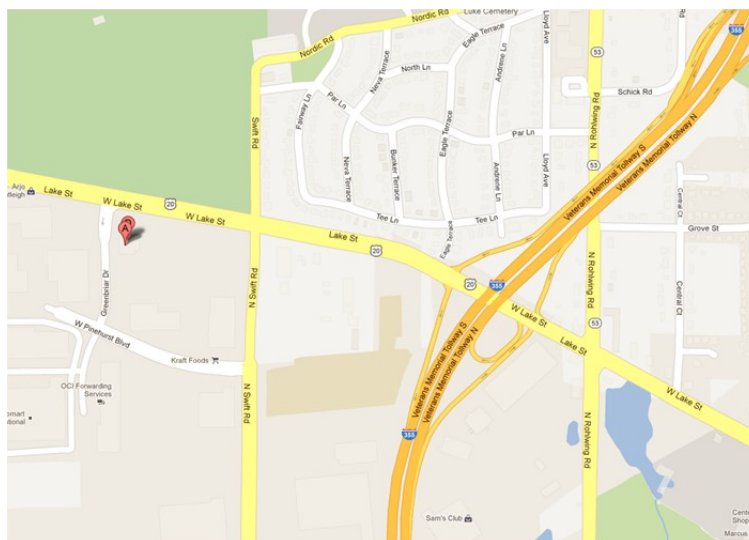


Chicago Chapter General Meeting Thursday April 20, 2017



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

Plenty of free parking!



AGENDA

- 5:30pm Cocktail Hour (Cash Bar)
- 6:30pm Dinner, (\$35 ASPE Members with RSVP/\$40 Non-Members and Walk-ins)
- 7:15pm **Manufacturer Spotlight:** ASHRAE 90.1, Domestic Water Pre-Heating Systems by Mark Kaulas with Bornquist
- 7:30pm **Presentation:** Water Heater Solutions and Best Practices by Paul Rohrs with Lochinvar (0.1 CEUs Available!)

RSVP as soon as possible to April Ricketts, VP Technical!

- ◇ Call: 312-346-5000
- ◇ Email: Chicago.ASPE.RSVP@gmail.com
- ◇ Go to Chicago.aspe.org and RSVP!

MENU

Starters:

- Creamy Tomato Soup with Basil
- Caesar Salad

Entrées:

- Chicken Breast Medaglione
- Beef London Broil
- Mashed Potatoes
- Garden-Fresh Vegetable Medley

Dessert:

- Chocolate Mousse with Raspberry Sauce

Drinks:

- Soft Drinks, Coffee and Tea

Local chapters are not authorized to speak for the Society



Chicago ASPENews



2016-2017 Preliminary ASPE Chicago Meeting Schedule

Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
July 30, 2016	ASPE Chicago Chapter Summer Outing Arlington Race Track	N/A	Arlington International 2200 West Euclid Avenue Arlington Heights, IL 60006
September 22, 2016	ASPE Chicago Product Show (See attached Flier for a list of Technical Seminars)		Meridian Banquet & Conference Center 1701 W Algonquin Rd Rolling Meadows, IL
October 20, 2016	Presentation Topic: Hot water Temperature Maintenance Speaker: Mark Hall with Pentair Mfr Spotlight: LabWaste CPVC Corrosive Drainage Systems Speaker: Ron Leamon with Spears Mfg.	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
October 28 thru November 2, 2016	ASPE National Convention, Phoenix, AZ		Phoenix Convention Center 100 N 3rd St, Phoenix, Arizona 85004
November 17, 2016	Presentation Topic: The Role of Copper Silver on a Multi-barrier Approach to Water Quality and Disease Prevention Speaker: Chris Ebner with Liquitech Mfr Spotlight: Froet Roof Drains and Downspout Nozzles Speaker: Craig Froeter with Froet Industries	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
December 15, 2016	Chapter Membership Appreciation Booster Night	N/A	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 19, 2017	Presentation Topic: High Rise Plumbing Considerations Speaker: David DeBord with dbHMS Mfr Spotlight: Heat Recovery from Wastewater and Sewage Speaker: Rick Lawlor with International Wastewater Systems	0.1	**Note New Location!** Venuti's 2251 W. Lake Street Addison, IL
February 16, 2017	Presentation Topic: The Mechanics of Design: Wall-Mount Concealed Tank Toilet Systems Technology. Speaker: Mark Scharf with Geberit Mfr Spotlight: TBD Speaker: TBD	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 16, 2017	Presentation Topic: Benefits and Considerations for Graywater Treatment and Reuse in Facilities Speaker: David Starck with RMS and Nate Nickerson with Critical Flow Mfr Spotlight: Sensor Technology Speaker: Conrad Haller with Moen	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 20, 2017	Presentation Topic: Water Heater Solutions and Best Practices Speaker: Paul Rohrs with Lochinvar Mfr Spotlight: ASHRAE 90.1, Domestic Water Pre-Heating Systems Speaker: Mark Kaulas with Bornquist	0.1	Venuti's 2251 W. Lake Street Addison, IL
May 18, 2017	Presentation Topic: Designing Laboratory Supply Systems for Flammable and Oxidizing Gases Speaker: Brett Conley with Concoa Mfr Spotlight: Leak Detection by Pentair	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
June 16, 2017	Annual Golf Outing	N/A	Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL

If you would like to present any of these topics or become a meeting sponsor, please contact April Ricketts at ASPE.Chicago.VPTech@gmail.com.



PRESIDENT'S MESSAGE

We are only two months away from elections for the upcoming 2017-2018 year.

Anyone interested in running for a board position is welcome if they are members in good standing. Please contact me or any board member at the May meeting if you would like to run for a position for the 2017-2018 calendar year.

The Chicago chapter was approached by a faculty member Dr. Chad Solomon from Round Lake High school he would love to invite a speaker from our organization to visit the school and make a presentation to his students. Dr. Solomon teaches a senior elective class called Human Sustainability with curriculum designed to address the United Nations Sustainability Goals. The class has been talking about how water is protected and treated as well as examined the health and human rights issues associated with sanitation of water. Is there someone that can help take this further with our students?

We are still looking for any interested member in the chapter available to make a presentation to Dr. Solomon's students. Please get back to me at your earliest convenience so we can contact Dr. Solomon to confirm the date and time for the presentation.

ASPE CHICAGO PRODUCT SHOW IN SEPTEMBER

The board is in the planning stages for the upcoming Chicago Product show in September. The first of several planning meetings was held on March 23rd from 6:00pm to 8:00pm at Paisans Restaurant. We had a great turn out with several great ideas that were presented that we will look to include in this year's show!

It was announced at the meeting that the official venue for the product show will be at the New Plumbers 130 Union hall. Affiliates please start thinking about becoming one of the first to sign up for our annual product show.

The next meeting is tentatively set for April 28th. Details to follow.

MARCH MEETING RECAP

I would like to thank David Starck and Nate Nickerson for their main presentation on Grey water treatment and reuse, Conrad Haller with Moen on Sensor technology and Viega for sponsoring the Cocktail hour.

RONALD MCDONALD HOUSE

We will be collecting the Ronald McDonald house paper houses at the golf outing in June and will be distributed to Ronald McDonald house. Thanks to all who have kindly participated.

SAVE THE DATE: BASIC PLUMBING DESIGN WORKSHOP IS BEING HELD MAY 5TH

Enhance your knowledge of domestic water and sanitary sewer systems at our May 5th workshop.

This full-day workshop at ASPE's headquarters just outside of Chicago offers 0.75 CEUs or 7.5 PDHs for attending. The presenter will thoroughly discuss how to design these systems, including how to properly size piping and equipment, coordinate space allocations within buildings, and work with architects and structural engineers. You can register at aspe.org/BasicsWorkshop.

CHAPTER OFFICERS

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FOLLOW US ON:



PRESIDENT'S MESSAGE CONTINUED...

ARCSA SEEKS EDUCATION COMMITTEE MEMBERS

This new committee will work on projects to inform and educate the public in the areas of rainwater, storm water, and water quality. Contact info@arcsa.org for more information or to apply.

INTERESTED MEMBERS

Public review of two revised sustainability standards is open.

Comments on revisions to WQA/ASPE/NSF S-802 (2017): Sustainable Treatment Media for Drinking Water Applications and WQA/ASPE/NSF S-803 (2017): Sustainable Drinking Water Treatment Systems will be accepted through April 21. The drafts and public comment forms can be found at aspe.org/publicreview.

NEW IAPMO LEARNING CENTER WEBSITE IS LAUNCHED

At the redesigned iapmolearn.org you can register for live classes, take online courses, register for and attend webinars, keep track of your training history with IAPMO, and add training from other providers.

WHAT IS AYP? WHO CAN BE INVOLVED?

The AYP special interest group is designed for young industry professionals looking to meet with peers to share experiences, exchange ideas about the plumbing design industry, and network with other chapter members. The focus of AYP is to help young plumbing engineers, design professionals, and practitioners establish contacts and further the mission of the Society.

To receive additional information on ASPE Young Professionals or to sign up to be part of the group, please contact Pam Rosenberg, ASPE Staff Liaison to ASPE Young Professionals Special Interest Group, 224-217-9016 or prosenberg@aspe.org. Please contact Emily Koussa who is our Chicago Chapter AYP Liaison. Emily can be contacted at aspe.chicago.ayp@gmail.com.

THE WOMEN OF ASPE

The women of ASPE are excited to introduce ASPE's new Mentoring Program! This program, which is available to all members of the Society, has been designed to connect ASPE members who have a particular skill set (mentor) with individuals (mentee) who are searching to acquire the same skills to develop and make progress toward their personal and professional goals.

WHO IS A MENTOR?

A mentor is someone who can help the mentee develop skills for success and long-range career planning, is able to be a good listener, is willing to share experiences and views, is willing to commit time and effort, provides an "open door" to questions and problems, points out both strengths and opportunities for improvement, and has a vested interest in the growth and development of their mentee.

BENEFITS TO THE MENTOR:

- Satisfaction in helping someone mature, progress, and achieve goals
- Meeting and sharing experiences with other mentors
- Personal ongoing support to help the mentee succeed
- Personal fulfillment through contribution to the Society and the individual

WHO IS A MENTEE?

Having a mentor can contribute to a successful and satisfying career. Without a mentor, that learning occurs mostly through trial and error. With a mentor, even experienced professionals can benefit from the experiences and expertise of someone who has withstood the trial and can help the mentee avoid the mistakes. Similarly, those new to the industry will discover that being a mentee shortens the learning curve for acquiring the skills and knowledge most critical to a fruitful career.


Continued on next page...

PRESIDENT'S MESSAGE CONTINUED...

BENEFITS TO THE MENTEE:

- Discover new talents about yourself
- Career satisfaction
- Expand your personal network
- Maximize your strengths

Additional material can be found at www.aspe.org/aspe-mentoring-program



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Women of ASPE

ASPE Announces The Women of ASPE

The mission of the new Women of ASPE (WOA) special-interest group is to engage, retain, and advance women in the plumbing design industry through education, leadership development, and networking opportunities. It is open to women who have an active membership with the American Society of Plumbing Engineers. Some of the activities include:

- Mentoring programs
- Membership growth outreach efforts
- Fostering partnerships with industry-related associations
- Various educational offerings

To join the Women of ASPE special-interest group, email skidd@aspe.org
For more information, visit www.aspe.org/woa



Thank you,

Mark G. Mannarelli
Chicago Chapter President
ASPE.Chicago.President@gmail.com



Manufacturer Spotlight



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



Thank you for your support!



VICE PRESIDENT, TECHNICAL

April Greetings!

Once again, my favorite month of the year (smile).

Thanks to all of you who were able to come out to our March Chapter Meeting. And a special "thanks" to Viega for sponsoring the Cocktail Hour. With the free bar and the green beer, I am assuming a good time was had by all.

Our April Chapter Meeting will include a Manufacturer's Spotlight by Mark Kaulas with Bornquist, which will be on "ASHRAE 90.1 Domestic Water Pre-Heating Systems".

Our main presenter will be Paul Rohrs with Lochinvar, speaking on the "Water Heater Solutions and Best Practices". The presentation will be worth 0.1 CEU. Here is a brief description of the presentation:

Condensing vs Non-Condensing

- What makes a condensing appliance condense
- Subtle differences in piping
- Condensate neutralization

Modulation

- What makes a modulating appliance modulate

Better Idea/The value of storage

- Hunter Curve/Load Profile
- Micro Loads
- Heating without storage

Here is his bio:

Paul Rohrs is the National Trainer for Lochinvar and his responsibilities include Training, and System Design for Lochinvar High-Efficiency Boilers, Water Heaters and Tanks. Paul has been in the Plumbing, Heating, & Cooling Industry for 28 years and was previously a National Award Winning radiant contractor with radiant design and installation experience. Paul has written articles for PHC News, Plumbing Engineer, Business Mechanical, Reeves Journal, and HPAC Engineering.

Until Next Time...

April Ricketts, PE, CPD, LEED AP BD+C

Chicago Chapter Vice President Technical

ASPE.Chicago.VPTech@gmail.com

312-346-5000



October 19-22, 2017 | Hotel Bonaventure Montréal | Montréal, Québec

CHICAGO ASPE GOLF OUTING 2017

This year's golf outing is filling up fast. If you have not sent in your reservation form yet, please do so because it is a shotgun start and we are limited to 144 golfers. You don't want to be left out! If you did not receive a reservation form you can download a copy [here](#).

The outing will be held on June 16, 2017 at the Hilldale Country Club in Hoffman Estates. 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 know if you have any special dietary requests) to follow at 4:00 p.m. as in years past; lunch (sponsored by Metropolitan Industries) will be served between the 9th and 10th holes. Breakfast (sponsored by Daugherty Sales) will be served from 7:30 a.m. - 8:30 a.m. in the snack shop and beverages from the beer carts (sponsored by Fluid Technologies Sales / Syncroflo) 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 shamle. 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.

If you plan on donating a door prize, please attach your business card onto the door prize and bring it to the dinner. All door prizes will be raffled off at dinner.

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

We would like to give Metropolitan Industries an extra thank you for sponsoring the lunch. They have been sponsoring the lunch for around 20 plus years. Thanks to Daugherty Sales for sponsoring the breakfast again this year and thanks to Fluid Technologies / Syncroflo for sponsoring the beer carts.

Thanks,

Steve Triphahn
Golf Outing Chairman
Steve.Triphahn@wtengineering.com



VICE PRESIDENT, LEGISLATIVE

Greetings Chicago Chapter.

April showers bring May flowers (And mostly floods everywhere, due to the underestimated urban growth).

The codes are still quiet. However, due to the new administration budget cuts, the EPA organization will be affected and this might bring some changes with it; stay tuned.

One of the problems that is been affecting the cities, is the fast growing, of vertical edifications. Mid-rise and high rise buildings require a large demand of water, but most important, a large drainage load that was not anticipated by the developers from decades back. Now, things have changed, and each time that a large building will be added to the drainage infrastructure, it is required to add the projected maximum drainage load, not just as the intended function of the building, but as if it was going to be converted into apartments in the future. We, as designers are required to provide this information. This information does not go beyond our 5 feet from the structure, even when the intended result will serve to increase the mains on streets, and or the sewer treatment plant.

Some cities based sizing on a **LUE** value (Living Unit Equivalent), which is most commonly used as equal to 3.5 persons.

An office building is rated at 1 **LUE** per 3000 sq ft. or, 1 person per 857 sq ft and 200 gal/day/person, or 0.233 gal/day/sf ft.

Other cities just require 20 gal/day/person, based on "largest shift".

Another available value that can be used is the IBC occupant load (max occupant load factor) -1 person per 100 gross sq ft, for business areas or 0.20 gal/day/sq ft.

What happens when the value is requested but there is no well-defined process by the city or municipality?

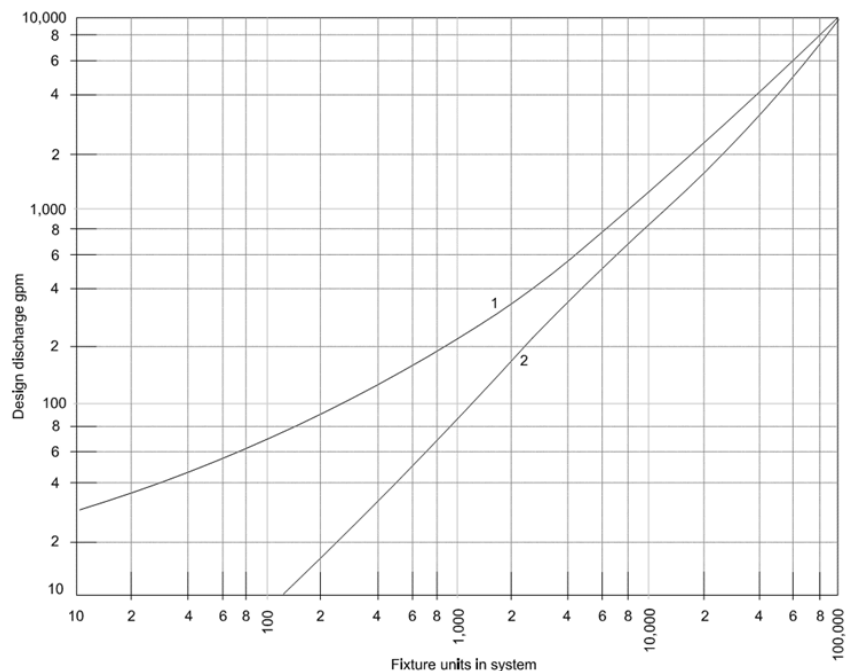
The **NBS** (National Bureau of Standards) Published the Monograph 31, which is used as design flow curves for plumbing drainage systems.

Curve 1:

Represents the peak discharge into the drainage system that won't exceed over 1 % of the time during highest demand periods.

Curve 2:

Compares the relationship between the average discharge into a drainage system at the heaviest calculated flow representing the use of toilets.



J. Francisco DeHoyos

Vice President, Legislative

ASPE Chicago Regional Chapter,

ASPE Region 5 Liaison,

ASPE Society Education Committee Co-Chairman.

aspe.chicago.vpl@gmail.com



VICE PRESIDENT, MEMBERSHIP

I am at proud to announce that we have completely overhauled our email distribution contacts. Our distribution list went from just under 300 to over 800! Please bear with us during this transitional phase. The intent is to provide you with useful information while not annoying you. We will continue to try and keep everyone's email information as up to date as possible, but just another reminder that we need your help to do so!

With regards to the new email distribution list, PLEASE LET ME KNOW IF YOU:

- Want to be removed from future email distributions.
- Have received this mutiple times to the same email address.
- Have received this to mutiple email addresses and only want to have one specific email address.

I would like to introduce our newest Chicago ASPE members:

- Drake Blessum of Kohler Co.
- Jason Bronowski of Elkay Manufacturing
- Jennifer Marken of Elkay Manufacturing
- Jim Jarog of John Guest USA
- John Pacholski of Environmental Systems Design Inc.
- Justin Burkhardt of Imbert Internation Inc.
- Matthew Panzer of Environmental Systems Design Inc.
- Michelle Bernardi of Kohler Co.

Please join me in welcoming everyone to the Chicago ASPE family!

Thanks for your help in making the Chicago ASPE Chapter the best it can be.

Chris Sbarbaro, PE, GPD, CPD, LEED AP BD+C

Chicago Chapter Vice President, Membership

ASPE.Chicago.VPM@gmail.com



ADMINISTRATIVE SECRETARY

Greetings Members,

If you missed the March meeting at La Villa you missed a great Corn Beef and Cabbage Dinner with 51 attendees that enjoyed the evening networking. The 50/50 raffle for the meeting was \$170.00 that was split between David DeBord and the ASPE Research Fund. The winner of the dinner raffle was none other than Dan Fagan.

Sincerely,

David Erickson

Chicago Chapter Administrative Secretary

C# 312-519-5629 aspe.chicago.admsec@gmail.com

CORRESPONDING SECRETARY: INDUSTRY NEWS



Greetings and salutations everyone. I am writing this time after one of the warmest days of the year. It was a shame I had to be in the office working, but deadlines don't stop for nice weather unfortunately. Plenty is going on all around us. Chicago is building new residences faster than any other major city. This is due to the massive growth we are seeing with many new companies moving into the city. Currently there are 31 active cranes. One of which is for the Vista Tower, a 3 building consisting of a 93-story, 71-story and 49-story towers soon to be the 3rd tallest in the city, which coincidentally I can just barely see from my office. That building looks to be a cool new feature to the city skyline. Let us see what else is happening around town.

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

ASSE Monthly Meeting

Date: Monday April 10, 2017

Location: Salerno's Pizza 9301 W 63rd St. Hodgkins, IL 60525

RSVP: Email ROlson@asse@gmail.com Phone: (630) 625-3419

Details: http://www.asse-plumbing.org/chapters/region04_il.html

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

NFPA training throughout the US:

Details: <http://www.nfpa.org/training-and-events/resources/events-calendar>

NFPA FREE Webinar:

Fire and Smoke Dampers: Complying with NFPA 80 and NFPA 105

Date: Thursday April 6, 2017, 12:30 PM – 1:30 PM

Cost: Free

Details: <http://www.nfpa.org/training-and-events/by-type/webinars>

NFPA Classroom Training Week, Chicago, IL:

Date: April 24 – 28, 2017

Location: TBD

Cost: \$1345 no Exam or Certificate, \$1740 With Exam & Certificate

Details: <http://catalog.nfpa.org/-P457.aspx?icid=D197>

American Society of Professional Estimators (ASPE)
(<http://www.aspechicago.org/>)

ASPE Monthly Meeting

Date: 3rd Thursday of every month (April 20, 2017)

Location: TBD

Time: 5 PM Social, 6 PM Dinner, 7 PM Program

RSVP: Marvin Fitzwater, mfitzwater@ccsdifference.com

USGBC - Illinois Chapter (LEED)
(<http://www.usgbc-illinois.org/events/event-calendar/>)

Monthly Events

Chiaravalle Montessori: LEED Platinum Presentation & Tour

Date: Wednesday, April 12, 2017, 6:00 – 8:00 PM

Location: Chiaravalle Montessori, 425 Dempster St. Evanston, IL

Cost: \$10 - \$15 non-members

Details: <http://www.usgbc-illinois.org/events/event-calendar/>

Society of Fire Protection Engineers (SFPE)
(<http://www.chicagosfpe.org/>)

SFPE Chicago Monthly Meeting

Corned Beef and Cabbage Dinner

Date: May 18, 2017, 5:00 – 10:00 PM

Location: Tinley Park VFW, 17147 Oak Park Ave, Tinley Park, IL

Cost: Members \$TBD Non-Members \$TBD

Details: <http://www.chicagosfpe.org/event/corned-beef-and-cabbage-dinner/>

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

IFPA/SFPE Product Show

Date: Tuesday April 11, 2017, 6 PM

Location: Pilot Pete's Banquet Room, 905 Irving Park Rd, Schaumburg, IL

Details: <http://www.ifpanet.org/CalendarEvent.aspx?ID=100&PBD=4/1/2017>

Illinois Chapter of ASHRAE
(<http://www.illinoisashrae.org/>)

ASHRAE Monthly Meeting

Date: Thursday, April 11, 2017, 5:30 PM

Location: Buca di Beppo 90 Yorktown Rd, Lombard IL

Cost: Members \$45, Non-Members \$55

Details: <http://illinoisashrae.org/calendar.php>

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

RSES Monthly Meeting

Date: No new date listed, 2017

Location: TBD

Contact: 1-800-8970-3635

Details: <http://rses.net/>

CORRESPONDING SECRETARY: INDUSTRY NEWS CONTINUED...

**** {UPDATE} ***** {UPDATE} *****
{UPDATE} *****

PAMCANI – UPDATE PAMCAMI IS NOW RUN BY

*******THE PLUMBING COUNCIL & PCA*******

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

The Plumbing Council is continuing the industry-wide calendar listing events throughout the year that can be found here:

<http://www.plumbingcouncil.org/documents-plumbing-council-contractors/piping-industry-calendar>

Or Check out their YouTube Channel [https://](https://www.youtube.com/channel/UCuR7aTRkGBCOP74Y5GV3BcA)

[www.youtube.com/channel/](https://www.youtube.com/channel/UCuR7aTRkGBCOP74Y5GV3BcA)

[UCuR7aTRkGBCOP74Y5GV3BcA](https://www.youtube.com/channel/UCuR7aTRkGBCOP74Y5GV3BcA)

PCA (Plumbing Contractors Association of Chicago and Cook County)

PCA Monthly Meeting

Date: Tuesday May 9, 2017, 6 PM

Location: Maggiano's Little Italy, Oak Brook. IL

Details: <http://www.plumbingcouncil.org/pca>

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

(www.ilphcc.com)

Continuing Education Class

Dates: April 21, 2017, 1 PM - 5 PM

Location: Heartland College, 1500 W Raab Rd, Normal, IL 61761

Cost: \$75

Details: <http://www.ilphcc.com/continuing-education>

National Rural Water Association (NRWA) – Illinois Rural Water Association (IRWA)

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

IRWA Monthly Water Training Sessions (Lead and Public Schools)

Date: April 26/27, 2017

Location: Caseyville / East Peoria, IL

Cost: Members \$45, Non-members \$75

Details: <http://www.ilrwa.org/Training/watertraining.html>

American Water Works Association (AWWA) – Illinois Section

(www.awwa.org) – (<http://www.isawwa.org/>)

Multiple Items Listed on Event Calendar

Dates: April, 2017

Location: Varies

Details: http://www.isawwa.org/events/event_list.asp

Wisconsin Healthcare Engineering Association (WHEA)

(<http://www.whea.com/>)

Sign up now for their annual “lunch & learn” webinars service (12 per year)

Dates: Monthly, 2017

Details: <http://www.whea.com/about-us/calendar/>

Newsletter: <http://www.whea.com/media/118555/3rd-quarter-newsletter.pdf>

Monthly Meeting

Dates: No dates at time of publication

Details: <http://www.whea.com/about-us/calendar/>

**** {NEW} ***** {NEW} ***** {NEW} *****

Water Environment Federation (WEF) Illinois Chapter

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

Illinois Water Environment Association – Monthly Event

IWEA/IAWPCO Joint Annual Event – Professional Conference

Dates: April 24 - 26, 2017

Location: Crown Plaza, 3000 South Dirksen Parkway, Springfield, IL 6270.

Cost: Full Conference \$295 Members \$350 Non-Members

Details: <http://events.r20.constantcontact.com/register/event?oeidk=a07ecy3fbxv13d10dc5&llr=bvdbgpcab>

Just a little follow up note. If you know of any association that you feel would be a benefit for ASPE members that I am not including here please let me know.

Scott Jagodzinski, CPD, GPD

Chicago Chapter Corresponding Secretary

ASPE.Chicago.CspSec@gmail.com