



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 48, No. 1
Summer, 2016



Please join us for our next event:



44th Annual ASPE Chicago Product Show

Thursday, September 22, 2016

Meridian Banquet & Conference Center

1701 Algonquin Road; Rolling Meadows, IL



Local chapters are not authorized to speak for the Society



Chicago ASPENews



2015-2016 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: TBD Speaker: 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: Waterborne Pathogens and Proactive Presentation Speaker: Brian Burgess 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 and Game Night	N/A	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 19, 2017	Presentation Topic: TBD Speaker: Joe Rudy with ATS Spec Mfr Spotlight: International Wastewater Systems Speaker: TBD	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
February 16, 2017	Presentation Topic: TBD Speaker: GEBERIT Mfr Spotlight by Moen	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 16, 2017	Presentation Topic: TBD but will involve Water Treatment Speaker: Steve Purucker with Panner Mfr Spotlight by Repco	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 20, 2017	Presentation Topic: TBD Speaker: Rick Butler with Lochinvar Mfr Spotlight by 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 by Pentair	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
TBD	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

Hello from your President,

I hope everyone has enjoyed the summer so far. This summer has been quite nice even though we have had some crazy storms passing through our area over the past few weeks. The current board met this summer and has been planning the upcoming year of meetings and events, which is outlined in our attached calendar year for 2016-2017. So I would like to welcome all members and future members back for another great year.

We are currently looking for presenters for the upcoming year to help complete the monthly meeting presentations. Don't be left behind make it a priority to present and become involved with the ASPE chapter. If anyone has a topic that would be of interest to the chapter, now is the time to take the initiative and step up above the rest. Please contact April Ricketts our V.P. Technical for available dates that may still be available.

CPDT Exam Registration

Just a friendly reminder that the CPDT Exam Registration is now open: <https://aspe.org/CPDT-exam>
Registration for the exam closes September 16, 2016 per the detailed information on the webpage above.

ASPE seeks unique water reclamation case studies

Unique or challenging plumbing system designs that helped a facility recycle and save water are sought for possible publication in ASPE Journal. For more information or to submit your story, contact Director of Publications, Gretchen Pienta, at gpienta@aspe.org.

Save the date: the 2016 ASPE Webinar Series continues on August 31

Our August webinar, "High-Efficiency Domestic Hot Water Strategies," will give participants a better understanding of the various options available in DHW heating and which methods and techniques lend themselves to developing a high- efficiency DHW system. This one-hour contact program awards 0.1 CEU or 1.0 PDH.

Fire Protection news from the NFPA Journal:

For the plumbing engineers who design sprinkler systems I found an article in NFPA Journal

To Reuse, or Not Reuse existing sprinklers
Can sprinklers removed from a system be reattached?
Written by Matt Klaus:

The new NFPA Journal looks at the biggest changes and Updates proposed for the 2016 edition of NFPA 13

The products we store in warehouses and how we store them is a lot different today than it was just a couple decades ago. That fact is one of the driving forces behind a few of the bigger changes and updates proposed for the 2016 edition of NFPA 13, Installation of Sprinkler Systems.

The article "Big + Bigger" in the May/June issue of NFPA Journal looks at some of the more notable changes in the upcoming edition of NFPA 13, as explained by NFPA principal fire protection engineer Matt Klaus.

"Of the biggest-picture changes we made, a lot of them focused on storage applications," Klaus said. "Warehousing and distribution have become a huge deal."

The changes highlighted in the NFPA Journal article include information of the new and updated commodity classification tables in NFPA 13, which take into account all of the new products, materials,

Continued on next page...

CHAPTER OFFICERS

PRESIDENT

Mark Mannarelli
Syska Hennessy Group
312.450.6308
ASPE.Chicago.President@gmail.com

VICE PRESIDENT TECHNICAL

April Ricketts, PE, CPD, LEED AP
CDM Smith
312.346.5000
ASPE.Chicago.VPTech@gmail.com

VICE PRESIDENT EDUCATION

Chris Wisinski
Bornquist Inc.
773.774.2800
ASPE.Chicago.VPE@gmail.com

VICE PRESIDENT LEGISLATIVE

J. Francisco DeHoyos
Wight & Company
312.969.7000
aspe.chicago.vpl@gmail.com

VICE PRESIDENT MEMBERSHIP

Chris Sbarbaro, PE, CPD, GPD, LEED AP
Grumman/Butkus
ASPE.Chicago.VPM@gmail.com

VICE PRESIDENT AFFILIATE

Matt Pardue
Deery-Pardue Associates
630.350.7575
aspe.chicago.vpaff@gmail.com

TREASURER

Sean Allard, CPD
McGuire Engineers
312.930.2200
sallard@mepcinc.com

ADMINISTRATIVE SECRETARY

David J. Erickson Sr.
Viega LLC
312.519.5629
aspe.chicago.admsec@gmail.com

CORRESPONDING SECRETARY

Scott Jagodzinski, CPD
Cannon Design
312.960.8396
ASPE.Chicago.CspSec@gmail.com

PRODUCT SHOW CHAIRMAN

Mark Nasuta
Deery-Pardue
mnasuta@deery-pardue.com

ASPE CHICAGO JOBS PROGRAM COORDINATOR

Aspe.chicago.careers@gmail.com

GOLF OUTING CHAIRMAN

Steve Triphahn
W-T Engineering, Inc.
224.293.6301
steve.triphahn@wtengineering.com

HISTORIAN

Donald Johnson

NEWSLETTER EDITOR, WEBMASTER

Jeff Gallagher, P.E.
Viega, LLC
224.407.1813
ASPE.Chicago.nle@gmail.com

AYP LIAISON

Emily Koussa, LEED AP BD+C
Primera Engineers, Ltd.
ASPE.Chicago.AYP@gmail.com

WEBSITE

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

FACEBOOK

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

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

LINKEDIN

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

PRESIDENT'S MESSAGE CONTINUED...

packaging and storage arrangements now in widespread use. The next addition of NFPA 13 will also include new rules for protecting storage facilities that house Group A expanded exposed plastics.

Other changes include new rules for designing sprinkler systems for cloud ceiling arrangements, new metric conversions to make using the standard easier for international users, and more.

To learn all about the proposed changes visit nfpa.org/journal.

Rainwater Catchment

For those members interested in becoming ARCSA certified American Rainwater Catchment Systems Association

<http://www.arcsa.org/>

This is a great site for those interested in sustainable design. They also have two great videos: Introduction to Rainwater Harvesting and An Introduction to ARCSA, both videos are free to view.

Chicago ASPE Summer Outing

The Chicago Board would like to thank all the members and families who attended the summer outing at Arlington Race Track on July 30.

ANNUAL PRODUCT SHOW

This September 22nd our Annual Product show will be held at Meriden Banquets in Rolling Meadows (same location as last year). Please refer to the information later on in the newsletter.

ASPE National Convention

October 28th through November 2nd is the ASPE National Convention in Phoenix, Arizona. This is the Largest Event for Plumbing System Design Professionals in our Industry.

JUSTIFY YOUR ATTENDANCE

You recognize the value of attending the ASPE Convention and Exposition, but how do you communicate that to management? How to gain attendance approval from your manager. Refer to the link below for valuable information in making the right decision.

<http://events.ntpshow.com/ASPE2016/Public/Content.aspx?ID=9363&sortMenu=102006>

2016 Region 5 Presidents Meeting
Chicago, IL.

Thank you to the following Sponsors:

Toto USA



Water Sense

Guardian



Viega



Green Turtle

Froet Industries



Evergreen Sales



Mid-Continent Marketing



A great big thank you to the Company's who helped
sponsor the Region 5 Presidents meeting in June.

Thanks again for your ongoing support!



Thank you,

Mark G. Mannarelli

Chicago Chapter President

ASPE.Chicago.President@gmail.com

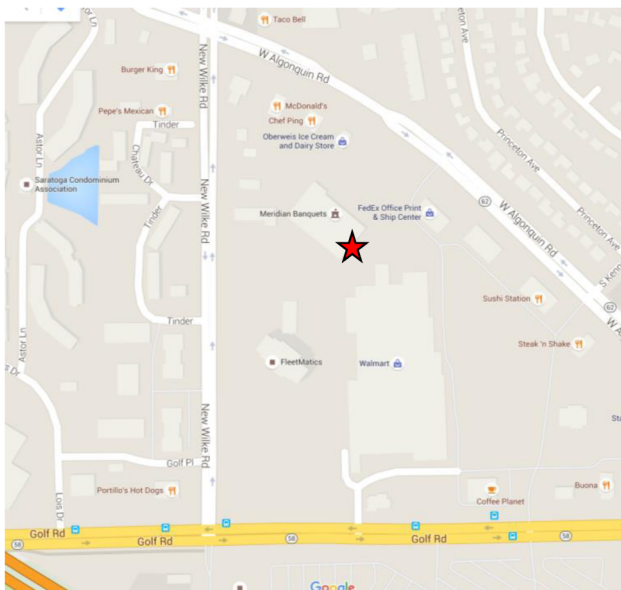


44th Annual ASPE Chicago Product Show

Thursday, September 22, 2016

Meridian Banquet & Conference Center

1701 Algonquin Road; Rolling Meadows, IL



THE FINEST LOCAL SHOW IN THE INDUSTRY

- Seminars, Product Show and Hors d'oeuvres Buffet are all FREE
- Over 90 Exhibits
- More than 500 Products on display
- Door Prizes (from our Exhibitors)
- Seminar Attendee Prizes
- ASPE Chicago Raffle (BIG prizes) [tickets \$1 each or 6 for \$5]
- Cash bar

EDUCATION

- CPDs, PEs, AIAs
- 4 hours of IL State approved CEU's (Inspectors, Plumbers)
- Exclusive seminar attendee raffle
- All seminars are FREE
- You MUST register at the Show to receive CEUs
- For seminar information, contact:
 - Jason McDonald, 847.316.9258, jmcdonald@grummanbutkus.com
 - Mark Nasuta, info at bottom of page
 - Rick Butler, 224.238.8515, rbutler@lochinvar.com

SCHEDULE

- Seminars 10:00am – 4:15pm
- Product Show 3:30pm – 8:00pm
- Hors d'oeuvres Buffet 4:30pm – 7:00pm

TIME	SEMINAR TOPIC	PRESENTER	CEUs	IL State Approved
	Roof Drain Sizing and Installation	HSA/Zurn	0.1	
	Preaction Systems Defined		0.1	
	Medical Gas Systems Updates & Coordination		0.1	
	Today's Plumbing Techniques and the Code		0.1	
12:15pm – 1:45pm	LUNCH BREAK	—	—	
	The State of Chicago Water Systems		0.1	
	Toilet Technology		0.1	
	What's in Our Water?		0.1	
	Darcy-Weisbach or Hunter's Curve? Sizing Domestic Water Piping		0.1	

For additional information, contact Mark Nasuta at 630.514.6067 or marknasuta.ASPEChicago@gmail.com



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

Summer Greetings,

Welcome back, as we gear up for another ASPE year!

The Chapter's officers held their summer board meeting back in July to start planning for the upcoming year. Aside from our usual Board business, we also discussed planning for the Chapter's Product Show in September as well as confirming delegate selections for the ASPE Convention in Phoenix later this year. Chapter President Mark hosted the meeting at his house with an outdoor cookout, and we were fortunate to have fabulous weather.

On other events...In June, the Chicago Chapter also hosted the ASPE Region 5 President's meeting. It was great to see Chapter Presidents from other States in the region to see what type of events/meeting formats works great with their memberships. Our Chapter even won the 2016 Region 5 Director's Award – woo hoo! Thanks to all of the sponsors and volunteers of this event for making this Region Meeting one that will be hard to top (smile).



As of today, we have all of the speaker and manufacturer spots filled for the upcoming ASPE year, but we are still looking for manufacturers who are interested in sponsoring the Cocktail Hour at our monthly meetings. If you are interested, please let me know.

Lastly, we are still taking orders for ASPE Chapter name tags. If you are interested in ordering a new one, please let me know. They make great gifts for the family, too (smile).

Until Next Time...

April Ricketts, PE, CPD, LEED AP BD+C
Chicago Chapter Vice President Technical
ASPE.Chicago.VPTech@gmail.com
312-346-5000



VICE PRESIDENT, MEMBERSHIP

Hopefully you all are enjoying your summer thus far! **I trust every member and affiliate received a copy of the latest Chicago ASPE Contact List.** This was emailed out by yours truly on June 17th using the aspe.chicago.vpm@gmail.com email account. As mentioned in that email, **any changes you want/need to make to your contact info must be done by updating your info at; www.aspe.org/user.** We intend to publish an updated Chicago ASPE Contact List on a quarterly basis. Thanks again for your patience as we transition from the old database to that provided by ASPE National Society!

You may have noticed some changes to the Chicago ASPE website recently. **We have been updating the linecards and websites for Chicago ASPE Affiliate members which can be found here: <http://chicago.aspe.org/directories.html>**

The old *Plumbing Products Directory*, *Manufacturers and Representatives Directory*, & *Manufacturers and Representatives Index* have all been removed from the Chicago ASPE webpage link above. These documents had not been updated for some years and were thus removed. **I will be generating a new product directory document to try and encompass this information**, and hope to publish something this October.

I would like to welcome the Chicago ASPE Chapter's Newest Members:

- Carl Fugiel of OAS, (O'Higgins & Arnold Sustainability, LLC)
- Justin Wroblewski of Wight & Company
- Mitch Bortner of Tyco Fire Products
- Nicholas Jett of Grundfos
- Paul Lange of Thermal Application Group
- Steve Purucker, PE, of Ryan Hercfo Flow Solutions
- Zach Bukowski of Tyler Pipe

Thank You,

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

Chicago Chapter Vice President, Membership

ASPE.Chicago.VPM@gmail.com



ADMINISTRATIVE SECRETARY

Greetings members,

We are deep into the summer with great weather, I sure hope I will remember the warm days over this coming winter. The board had its summer meeting to discuss the next fiscal year and we have almost every month filled for manufacture spot light and a main presenter for our monthly meetings. We had our summer outing at Arlington Race Track, The Chicago ASPE Product show is right around the corner and the CEU classes are 99% secure. I would say it has been a rather successful summer.

Thanks for reading and have a great August.

David Erickson-

Chicago Chapter Administrative Secretary

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



MIFAB® HydroMax™ and Kast Marketing cordially invite you to attend the HydroMax™ & HydroTechnic™ Training Event. This is a training class created and intended for Engineers, Plumbing Designers and Design Build Firms to learn how to properly design and incorporate a siphonic roof drainage solution.

Additionally, architects and owners of large buildings including Box Buildings, Warehouses, Distribution Centers, Data Centers, Multi-Level Parking Decks etc. are welcome to participate and learn features and benefits of MIFAB HydroMax™ siphonic roof drainage including the history of siphonic roof drainage, the huge design benefits and cost saving advantages.

**Westwood Tavern
1385 N. Meacham Road
Schaumburg, IL 60173
Phone: (847) 969-9500**

Wednesday, August 31st OR Thursday, September 1st

(Please Specify Which Date)

9:45 AM Registration

10:00 AM to 3:30 PM Training

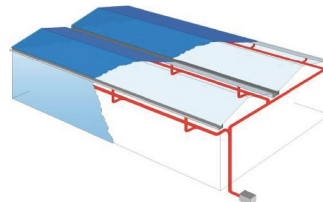
• All attendees should bring their Laptop/Notebook Computer for the after lunch HydroTechnic™ Program Training.

Tablets will not work with the web-based design software.

***MIFAB will provide lunch as well as beverages throughout the day.**

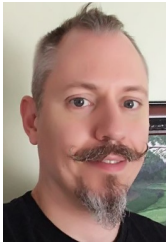
***Elements of this presentation are eligible for CEU**

- Demonstrate an engineered siphonic roof drain solution.
- Hydraulic requirements of ASPE/ANSI 45:2013.
- Provide CSI specification.
- Introduction to HydroTechnic™ design software.
- Hands on MIFAB HydroTechnic™ training.
- Attendees will receive a certificate of completion from MIFAB®/HydroMax™



To RSVP or for further information, please contact Tom Babcock at tbabcock@kastmarketing.com • Phone (630) 215-9476

Disclaimer: This event is not sponsored/endorsed by the local chapter.



CORRESPONDING SECRETARY: INDUSTRY NEWS

Welcome to the 2016-2017 season. This will be the Chapters 48th year. 50 will be here very soon. We have another season of greatness happening.

In case you haven't heard yet our annual Product show will be happening in September. I hope that you all come. Last year was a blast, this year will be even better. And for those who will be attending the ASPE Convention in Phoenix I look forward to seeing you there.

American Society of Plumbing Engineers (ASPE)

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

Chicago ASPE Annual Product Show

Date: Thursday, September 22, 2016

Location: Meridian Banquet & Conference Center –
1701 Algonquin Rd.

Rolling Meadows, IL 60008

Details: **Contact** Mark Nasuta: mnasuta@Deery-Pardue.com

Office 630-350-7575 or Cell 630-514-6067.

2015 ASPE Convention

Date: October 28 – Nov 2, 2016

Location: Phoenix, AZ

Details: <http://events.ntpsnow.com/ASPE2016/Public/mainhall.aspx?ID=9270&sortMenu=101000>

American Society of Sanitary Engineering (ASSE)

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

ASSE Monthly Meeting

Date: No August meeting listed at time of posting

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:

How Clean is Clean? The Validation of Fire Fighter PPE Cleaning

Date: Tuesday, August 30, 2016 – 12:30 – 2:00 PM (EST)

Cost: Free

Details: <http://catalogauthor.nfpa.govpi.net/How-Clean-is-Clean-The-Validation-of-Fire-Fighter-PPE-Cleaning-Webinar-P16683.aspx>

American Society of Professional Estimators (ASPE)

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

ASPE Monthly Meeting

Date: No August meeting listed at time of posting

USGBC - Illinois Chapter (LEED)

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

Monthly Events

Date: No August event listed at time of posting

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

Society of Fire Protection Engineers (SFPE)

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

SFPE Chicago Monthly Meeting

Date: No August meeting listed at time of posting

IFT is now offering courses in Fire Protection Engineering

Details: <http://www.chicagosfpe.org/newsletter/aroundtown.htm>

Illinois Fire Prevention Association (IFPA)

(www.ifpanet.org)

IFPA Monthly Meeting

Date: No August meeting listed at time of posting

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

Illinois Chapter of ASHRAE

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

ASHRAE Monthly Meeting – Integrated Product Delivery

Dates: Tuesday August 9, 2016, 5:30 – 8:30 PM

Location: Rock Bottom - One W. Grand Ave
Chicago, IL

Details: <http://illinoisashrae.org/meetinginfo.php?id=122&ts=1469210818>

Refrigeration Service Engineer's Society (RSER)

(www.rses.net)

RSER Monthly Meeting

Date: No August meeting listed at time of posting

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://www.youtube.com/channel/UCuR7aTRkGBCOP74Y5GV3BcA>

PCA (Plumbing Contractors Association of Chicago and Cook County)

PCA Monthly Meeting

Date: No August meeting listed at time of posting

**** {NEW} ***** {NEW} ***** {NEW} *****
Wisconsin Healthcare Engineering Association (WHEA)
(<http://www.whea.com/>)

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

Dates: Monthly, 2016

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

Newsletter: <http://www.whea.com/media/114197/2nd-quarter-newsletter.pdf>

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

(www.ilphcc.com)

Continuing Education Class

Dates: No current educational Class listed

Location: N/A

Details: <https://ilphcc.memberclicks.net/events>

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

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

IRWA Monthly Water Training Sessions (Anatomy of Service Lateral / No Lead Ahead)

Date: August 30, 31, 2016

Location: Maconb, IL – Hudson, IL

Cost: \$65

Details: <http://www.ilrwa.org/Training/Training%20Division/AY%20McDonald%208%2030%2031.pdf>

American Water Works Association (AWWA) – Illinois Section

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

Multiple Items Listed on Event Calendar

Dates: August, 2016

Location: Varies

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

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

Chicago Chapter Corresponding Secretary

ASPE.Chicago.CspSec@gmail.com