

**** Chicago ASPENEWS



Celebrating 50 years of excellence!

Chicago Regional Chapter of the American Society of Plumbing Engineers Vol. 50, No. 5 November 2018



Chicago Chapter General Meeting Thursday November 15, 2018



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:

6:30pm Dinner, (\$40 for ASPE Members \$45 Non-Members). RSVPs must be received by 6:00 PM on Monday, November 12th

(RSVPs received after this time will be charged a \$5 late fee).

7:15pm Manufacturer Spotlight: Uponor PEX Piping Systems by

Paul McCulloch with Uponor

7:30pm Presentation: Commercial PEX Design and Installation

Best Practices by Paul McCulloch with Uponor (0.1 CEUs Avail-

able!)

RSVP by 6:00 PM on Monday, November 12th to Chris Sbarbaro, VP

Technical to avoid being charged a \$5 late fee!!

Call: 847-316-9220

Email: Chicago.ASPE.RSVP@gmail.com

Go to Chicago.aspe.org and RSVP!

MENU

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 timable, dill-caper butter sauce

Roasted Half Chicken

Mashed potatoes, grilled asparagus, natural jus lie

Dessert:

Black Forest Cake

Drinks:

Soft Drinks, Coffee and Tea (Part of Cocktail hour)

**** Chicago ASPENEWS



20	18-2019 Preliminary ASPE Chicago Me	eting	Schedule
Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
September 20, 2018	Presentation Topic: Domestic Hot Water Recirculation Systems Speaker: Lauren Berenato of Circuit Solver Mfr Spotlight: Circuit Solver Speaker: Lauren Berenato of Circuit Solver	0.1	Goose Island Brewhouse [New Venue Location!] 1800 N Clybourn Ave Chicago, IL 60614
September 28— October 3, 2018	ASPE National Convention and Exposition Atlanta, GA	Several Hours Avail.	ATLANTA, GA
October 18, 2018	ASPE Chicago Product Show and Technical Seminars	0.2 Hours Avail.	Midwest Conference Center 401 W Lake St, Northlake, IL 60164
November 15, 2018	Presentation Topic: Commercial PEX Design and Installation Best Practices Speaker: Paul McCulloch of Uponor Mfr Spotlight: UPONOR PEX Piping Systems Speaker: Paul McCulloch of Uponor	0.1	The Berghoff 17 W. Adams Street Chicago,IL
December 13, 2018 (2nd Thurs- day of the month)	Booster Night Holiday Party & Casino Night		La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 17, 2019	Presentation Topic: The Low down on Lead Speaker: Mitch Whittington of Elkay Mfr Spotlight: Intelli-Hot Water Heaters Speaker: TBD	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd. Schaumburg, IL
February 21, 2019	Presentation Topic: Corrosion in Fire Sprinkler Systems: Using Nitrogen Generators, Venting, and Wet Inerting to Solve the Issues Speaker: Jeff Merwin of Potter Electric Signal Company, LLC Mfr Spotlight: TBD Speaker: TBD		The Berghoff 17 W. Adams Street Chicago,IL
March 12 2019	Presentation Topic: Legionella Protection Speaker: Josh Stelter of Lyall, Thresher & Associates Mfr Spotlight: Speaker: TBD Speaker: Speaker: TBD	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 18, 2019	Presentation Topic: Backflow Codes and Standards Speaker: Nick Azmo of Apollo Backflow Mfr Spotlight: Speaker: TBD Speaker: Speaker: TBD	0.1	Venuti's 2251 W. Lake Street Addison,IL
May 16, 2019	Presentation Topic: TBD Speaker: TBD Mfr Spotlight: Speaker: TBD Speaker: Speaker: TBD	0.1	Club Casa (at Golf Center) 353 N. River Rd Des Plaines, IL
June 21, 2019	Annual Golf Outing		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 Chris Sbarbaro at aspe.chicago.vptech@gmail.com.

PRESIDENT'S MESSAGE

November Greetings!

November is already here...where did the time go? Aside from trying to get rid of all of my extra Halloween candy (I always buy too much), it is time to rev up for Thanksgiving (I also make too much food...seems to be a trend -

smile), do some Black Friday shopping, and, of course, hang out at the Chicago Doctor Who convention – woo hoo! This will be my 4th year attending the convention, so I will need to rewatch some classic episodes and brush up on some of the newer ones that I missed so that I can keep up with all the timey-wimey discussions.

Thanks to all of you who were able to attend last month's Chapter Product Show. I wasn't able to attend, but from what I heard it was a fun time for all. I would like to give a special thanks to the Chapter Product Show chairs and committee for their endless planning and coordination. For those of you who have not served on the committee in the past, there is a lot of work that must be done, and I think that our volunteers have done a spectacular job. Be sure to check out pictures form the Product Show in this newsletter.

This month's Chapter meeting will downtown at the Berghoff and will be on PEX piping systems from Uponor (take a look at the VP Tech article for more information). I know some of you have been asking about having more meetings in the Loop, so I am hoping to have a great turnout. Personally, I like downtown locations, as I can walk there from the office and it is great seeing those who typically cannot attend the meetings in the

Also, be sure to read our Region V Director's letter to the membership, which is include with this newsletter.

Looking forward to next month...

Be sure to join us on December 13th for our annual Membership Appreciation Booster Night event. We are planning on doing a Casino-Night theme again, as it seemed to go over well last year. Also, be sure to bring your unwrapped toys for Toys for Tots! If you are a manufacturers rep and are interested in becoming a sponsor or are interested in volunteering, please contact Darren Rich at aspe.chicago.vpaff@gmail.com or by phone at 847-875-8659.

On chapter history...

I need some more tidbits to publish in the newsletter on our Chapter's history. If you have any, please email me and I will include in my next article. Of course, all of this is leading up to our Chapter's 50th Anniversary celebration event. Past President (and current VP Education) Mark Mannarelli is heading up the planning and I am sure he will welcome any volunteers who want to help out.

Until Next Time...

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

Chicago Chapter President aspe.chicago.president@gmail.com



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http://chicago.aspe.org/ **FOLLOW US ON:**









Manufacturer (

This month we would like to thank:



Thank you for your support!





Version 1.0 10/21/2018 Region 5 Directors Letter to Membership **October 2018 Issue 01**

Hello ASPE Members! Welcome to the first issue of the Region 5 Director Letter to Membership. Working with a non-profit society such as ASPE can be a very rewarding and impactful activity. We were able to see that first hand in Atlanta where the ASPE Convention & Expo 2018 recently concluded. It was very humbling to be re-elected as your regional leader and to have been in the presence of all our chapter leaders where I recognized our outstanding performers and achieve-

ments. Over the next two years, we will be working to expand our educational and engineering outreach programs, chapter award of merit achievement, increased communications through audio and video messaging, and focusing on retaining our great members. We have a great Region 5 Team!



Before I get into our Regional achievements, let me take a few minutes to share with you little about myself. Currently, I'm the Market Development Manager for Lubrizol. Right now, I'm serving as the CPI lead for Lubrizol specializing in general chemical and Chlor-Alkali processes. Since graduating from University of Delaware with a Bachelor of Science degree in Chemical Engineering, I have been employed with Lubrizol for almost 24 years. I was blessed to reconnect with a childhood friend, Rolanda whom I married almost 6 years ago. Rolanda and I are blessed with 4 children and 3 grandchildren between us. My career with Lubrizol has allowed me the opportunity to gain extensive experience in capital projects, process and plant management, designing chemical process piping, acid waste piping, pure water piping, fire protection systems and water distribution systems.



It was during my operational leadership opportunity where I learned how to manage multimillion dollar budgets, operations optimization, engineering management, and operator management skills that continue to serve me well today. In addition to ASPE, I am the current Chair of the ASME RTP-1 Sub Committee on Dual Laminates; Member of the Dallas Construction Education Foundation Plumbing Trade Council; Past President of the Dallas Fort Worth Chapter of American Society Plumbing Engineers; Past Speaker for ASPE Technical Symposium, ASPE Convention, Vice Chair of National Association of Corrosion Engineers Corrosion Conference (NACE) TEG 500x, and Region 5 Director for the American Society of Plumbing Engineers Society.

Over my 14 years in ASPE, I have won many Director's awards and the ASPE Society Award of Achievement in 2012. I formed chapters such as the Tulsa Satellite, Oklahoma City Satellite now known as the Oklahoma Chapter. We are excited to Charter the Lubbock High Plains Satellite in November. We are also exploring two new chapter areas in Iowa and Arkansas.

Throughout my career, nothing has been more fulfilling than dedicating my time and energy to the education of designers, contractors, and owners in CPI, fire protection, plumbing, mechanical and chemical transport systems. This is what binds me to ASPE. We have been building a solid foundation together and it is now time to "Rise Up". We utilized this philosophy in Atlanta were we as a Region came together and utilizing my allotted time, I recognized our outstanding execution of strategy in 2017-2018 ASPE Year by asking all involved to "Rise Up".

We started the journey in our Regional Meetings each June. Your arduous work and persistence is paying off and yielding results. Let me take another moment to recognize some outstanding performance of our Region:

- Dallas Fort Worth Chapter, Recipient of the ASPE membership growth award!
- Central Illinois, Central Texas, Kansas City Chapters, Recipients of the ASPE Membership retention awards!
- Central Texas, Dallas Fort Worth, Houston, Kansas City, Minnesota, Oklahoma, Omaha, Wisconsin Chapters, Recipients of the Chapter Award of Merit!
- Jason McDonald, Nicholas Hipp, Recipients of the ASPE Award of Merit!
- Jose Francisco DeHoyas, Recipient of the ASPE Special Award of Achievement!
- Jill Imig PE, April Ricketts PE, Manuel Manzano CPD, LEED AP Recipients of the Region 5 Director Awards!
- Central Texas Chapter, ASPE Board of Directors Chapter Award recipient as the BEST Chapter is ASPE!

We also performed a first in ASPE. During our Delegate meetings I was able to honor a group of innovators for "Outstanding Leadership, Collaboration, Vision and Execution of 2018 ASPE Texas Certified in Plumbing Design (CPD) Review Class".

These gentlemen worked together as leaders to provide a 2018 CPD prep course that had participants from Atlanta, Central Texas, Dallas Fort Worth, Houston, Miami, Minnesota, New Orleans, Oklahoma, Phoenix, and SW Ohio.





I honored these gentlemen in front of our entire delegation. Chris Phillips, Don Taylor, David Clark, Luke Martin, and Daniel Leos.

In closing, I want to put a few numbers out in front of you to consider. Region 5, we are accountable for over 195 contact hours of educational sessions and over 5,800 participants over the past 2 years. This is a tremendous number. Keep up the magnificent work Region 5!

I want to remind everyone that change, and progress starts with you. Excellence is obtained when we work together to pool all our talents to accomplish our goals. I want to take a moment to remind everyone of our regional workshops where we identified some characteristics on membership, participation, leadership, and growth:

- i) Chapter Leadership energy, engagement, and attentiveness is a key component of success. This starts with the chapter president and vp technical.
- ii) Chapters can be more engaged with the members and participants. Utilization of the ambassador program and mentor program can be rewarding.

Thank you to all of our Region 5 Chapters for allowing me the honor of representing you on the Society Board of Directors.

- Bryan L. Hutton CPD, ASPE Region 5 Director



BOOSTER NIGHT HOLIDAY PARTY &



Thursday, December 13th | 5:30 to 9:00 p.m.

La Villa Restaurant

3632 N Pulaski <mark>Rd</mark> Chicago, IL

The 2018 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: *P# 847.875.8659*aspe.chicago.vpaff@gmail.com

ATTENTION MANUFACTURERS AND MANUFACTURER REPS!

ADVERTISEMENT SPACE IS NOW AVAILABLE IN THE CHICAGO ASPE MONTHLY NEWSLETTERS!

AD SPACE PRICING IS AS FOLLOWS:

Full PAGE AD.....\$300 1/2 PAGE AD.....\$150 1/4 PAGE AD.....\$100

DON'T MISS OUT ON THIS GREAT OPPORTUNITY TO REACH OUT TO THE CHI-CAGO ASPE COMMUNITY CONSISTING OF ALMOST 700 VIEWERS—ONE OF THE LARGEST MARKETS IN THE INDUSTRY!

AD SPACE IS VERY LIMITED AND IS FIRST COME, FIRST SERVED SO DON'T DELAY!!

Please contact Darren Rich for more information: *P# 847.875.8659*aspe.chicago.vpaff@gmail.com



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

Thanks to everyone who came out to last month's product show. It is members like you that keep this Chapter strong.

This November we will be back at the Berghoff – our only true "downtown" venue. We had a great turn out last year, with plenty of good food and beer. Here's some information on what we have in store for that meeting...

November's Chapter Meeting Presentation Info:

Manufacturer's Spotlight: Uponor PEX Piping Systems with Paul McCulloch of Uponor.

<u>Title of Main Technical Presentation</u>: Commercial PEX Design and Installation Best Practices with Paul McCulloch of Uponor.

<u>Description of Main Technical Presentation Content:</u>

While the use of crosslinked polyethylene (PEX) piping has been widespread in residential applications for more than two decades, engineers, building owners, and contractors are using it more and more as a cost-effective and flexible alternative to copper on large-scale commercial projects. PEX is a proven system solution that can reduce both material and labor costs while providing the reliability and peace of mind that building owners demand. When considering PEX, however, it is important that engineers and contractors understand not only the benefits, but the challenges and potential consequences that may occur when systems are not properly designed or installed. This session will provide valuable information about what engineers and contractors need to know when it comes to specifying, designing, inspecting, and installing commercial PEX systems to ensure proper performance and system integrity. Topics will include the different types of PEX and joining methods, proper sizing, hangers and supports, dealing with expansion and contraction, and health and safety.

Content Outline:

- Different types of PEX and joining methods
- Optimized piping strategies and design considerations for PEX vs. conventional systems
- Codes and Standards / Health and Safety
- Proper sizing to ensure optimized performance (when PEX was NOT the basis of design)
- Working with PEX on the jobsite How is PEX different from other materials?
- · Proper layout for hangers and supports
- Dealing with expansion and contraction
- Installation best practices
- · Case studies and lessons learned

<u>Bio</u>: Paul McCulloch is the Midwest Sales Manager for Uponor North America. He has more than 20 years of professional experience in Plumbing, Fire sprinkler and Hydronic industry. Paul McCulloch joined Uponor North America in 2003 as a mentor to Uponor's Design Engineering Department to assist with plumbing based fire protection. Prior to Uponor, Paul McCulloch worked as a consulting engineer in Toronto Ontario Canada after leaving the field as a union fire sprinkler fitter.

Thank You,

Chris Sbarbaro, PE, GPD, CPD, LEED AP BD+C Chicago Chapter Vice President, Technical aspe.chicago.vptech@gmail.com



- Control water temperature +/- 2F in accordance with ASSE 1017
- Mixed outlet temperature can be adjusted/monitored at the valve or remotely by Building Automation System (BAS is native to the unit)
- Prevents overnight temperature creep, and automatically balances hot water distribution system during low to no demand period.
- Wi-Fi enabled for software upgrade
- Listed /compliance to ASSE1017, cUPC, NSF, CSA 24/UL873, Bacnet Testing Laboratories (BTL) and EC

Flow Capacity at 50-50 Mixed Ratio												
			Pressure Drop Across Valve									
Model	Min System Draw +	cv	5 psi 34 kpa	10 psi 69 psi	20 psi 138 kpa	30 psi 207 kpa	45 psi 310 kpa	50 psi 345 kpa	Inlets (in)	Outlet (in)	Order Code	List Price
LFISO75	0.5	7.3	16 gpm 61 lpm	23 gpm 87 lpm	33 gpm 125 lpm	40 gpm 151 lpm	49 gpm 185 lpm	52 gpm 197 lpm	3/4"	3/4"	LFISO75VL	\$4,532
LFIS100	0.5	17.5	39 gpm 148 lpm	55 gpm 208 lpm	78 gpm 295 lpm	96 gpm 363 lpm	117 gpm 443 lpm	124 gpm 469 lpm	1"	1 1/4"	LFIS100VL	\$5,445

⁺with a properly sized pump







VICE PRESIDENT, MEMBERSHIP

Greetings Members,

We are just getting into the ASPE Season and starting quickly. We had a lot of participation at the Atlanta Conference and our local show last month. Please feel free to share your stories and encourage members to attend these events. They are valuable for your education as well as networking. Most of all, you can get a glimpse into seeing the direction ASPE has for the future and why we all work so

hard to promote ASPE. ASPE is contributing to the future of the plumbing industry, through education and research as the main overall objectives.

One of the biggest goals for ASPE is gaining and sustaining memberships to promote the future. If you'd like to participate in a mentoring program to help new members get involved and stay involved please feel free to ask me. I'm working on cleaning up our membership lists. We have a fair amount of old contact information with out of date emails and companies. Please feel free to ask myself or anyone on the board if you want to make sure your details are up to date. Or check out your membership information at https://aspe.org/user.

I'd like to thank the following new members into our chapter:

- Kevin Pheney
- James Montgomery
- Jason Slott
- Kris Asperheim
- Daniel Rudnick
- Scott Beckord

We greatly value your support and look forward to helping with your career!

Thank you,

Chris Wisinski

Chicago Chapter Vice President, Membership cwisinski@bornquist.com, ASPE.Chicago.VPM@gmail.com 773-587-8928

<u>ADMINISTRATIVE SECRETARY</u>



Greetings Members,

If you missed the Annual Chicago Chapter Product Show, you missed a good one, new location, new vendors, new faces, new hours, new sit down dinner, and the largest amount of door prizes and raffle prizes to date. Thank you to all involved with the Product Show. I don't know about you but I am looking forward to the Booster Meeting in December. Speaking of the December meeting we need to start thinking about Toys for Tots!! Please remember to bring gifts with you to the November meeting if you won't be able to make the December meeting.

Thanks for reading and have a great day.

David Erickson

Chicago Chapter Administrative Secretary
C# 312-519-5629 aspe.chicago.admsec@gmail.com



Greetings Affiliates & All ASPE Members!

November is here and Thanksgiving is just a couple weeks away, the end of the year is approaching fast, as is our Annual Booster Night.

Booster Night is Thursday December 13th and again will be Casino night, which has become very popular! It is always our intent to make each Booster Night better than the previous one. This is where you get a great opportunity to thank our Local engineer for supporting you throughout the year by sponsoring this great event. There are a few different kind of Sponsorships available: General Sponsor, Game Sponsor, Bar Sponsor, Platinum Sponsor.

You should have received an email from me regarding sponsoring this event and what the prices per sponsorship are.

Please take a moment to notice the rates (listed on attached flyer) to advertise in the monthly newsletter, This is a great way to have some very focused ad space targeting the engineering community here in Chicago that is so important to our success.

Don't forget to encourage new 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!

Thanks!

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

Greeting ASPE Members,

I would like to thank all the vendors that participated in the 46th annual product show and all of those that attended the event. We will be sending out a survey to gather feedback from this year show in the coming weeks. When you have time please complete the survey to help make the show better for years to come. I received a lot of positive feedback from vendors during the show and I hope everyone received good foot traffic at their booths this year. Congratulations to all raffle winners, we had

some wonderful prizes this year and I hope they are enjoyed!

I want to give a huge thanks to the committee that helped in the planning effort this year. We did take into account the feedback that we received from vendors back in march to help gather attendance during this year's show.

See next page for pictures from the product show!

If you have any comments regarding the show please feel free to reach out to me or speak to me at the next monthly meeting.

Thank You,

Justin Wroblewski, CPDT

Chicago Chapter AYP Liaison / Product Show Chairman aspe.chicago.ayp@gmail.com / aspe.chicago.pschairman@gmail.com / Jwroblewski@ams-pmt.com

PHOTOS FROM THE 46TH ANNUAL CHICAGO ASPE PRODUCT SHOW!













PHOTOS FROM THE 46TH ANNUAL CHICAGO ASPE PRODUCT SHOW!











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:

Badges: \$15 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

ΡI	ease	indica	ıte	your	pref	fer	ences	:
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Name:	 	
Company:	 	

Fastener style (please circle one):

- Clip
- Magnet

This promotion is for ASPE Chicago members only!