



Chicago ASPENews



Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 47, No. 2 Summer, 2015



Special Summer Flyer



2015-2016 Preliminary ASPE Chicago Meeting Schedule

Date	Technical Presentation & Manufacturer Spotlight	CEU	Location
September 16, 2015	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 1 thru October 4, 2015	ASPE Technical Symposium, St. Louis, MO.		Hyatt Regency, St. Louis, Mo.
October 15, 2015	Presentation Topic: Thermoplastic Piping Systems by Dianna Molicone with IPEX Mfr Spotlight by Added Sales	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
November 19, 2015	Presentation Topic: System Efficiency Tanks (Buffer Tanks) by Mark Kaulas with Bornquist Mfr Spotlight by Viega	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
December 17, 2015	Chapter Membership Appreciation Booster and Game Night	N/A	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 21, 2016	Laboratory Design by Andy Cornell with Engineered Systems Sales Mfr Spotlight TBA	0.1	Athena Restaurant 212 S Halsted St Chicago, IL
February 18, 2016	Presentation Topic: Commerical High Purity Water Systems by Brian Soderholm with Water Control Mfr Spotlight TBA	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 17, 2016	Presentation Topic: Roof Drainage Business Rethought by Craig Froeter with Froet Industries Mfr Spotlight by Bornquist	0.1	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 21, 2016	Presentation Topic: Emergency Fixtures by Speakman Mfr Spotlight by Speakman	0.1	Venuti's 2251 W. Lake Street Addison, IL
May 19, 2016	Presentation Topic: Mixing Valves by Brian Yelton with In-land Sales Mfr Spotlight TBA	0.1	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
June 3 thru June 5, 2016	ASPE Region V President's Meeting Hosted by the ASPE Chicago Chapter (Chapter Board Members Event)	N/A	TBD
June 17, 2016	Annual Golf Outing	N/A	Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL

Local chapters are not authorized to speak for the Society



CHICAGO

CHAPTER

43rd Annual ASPE Chicago Chapter Product Show

New Venue – New Date

Wednesday, September 16th, 2015

Meridian Banquet & Conference Center

1701 Algonquin Rd. Rolling Meadows, IL 60008



Show Hours: 3:30 PM – 8:00 PM

Free Buffet Dinner Provided for Show Attendees

Free Technical Seminars: 11:30am – 4pm

Event Time	Technical Seminar Topics	CEU
11:30—2:00	• Polypropylene PP-R (CT) Piping Systems - High Performance Pressure Pipe by Donna Stoughton	0.2 (IDPH accredited)
11:30—12:30	• Plumbing Codes and Stories by Michael McGaughan, IL Plumbing Inspector	0.1 (IDPH accredited)
1:00—2:30	• Water Borne Pathogens in Domestic Water Piping - Lessons Learned by Mike Moxon	0.15
1:00—2:30	• "Why Green" Why Do We Design Sustainable/Green/LEED Certified Buildings? by David DeBord	0.15
3:00—4:00	• Packaged Pumping Systems for the Plumbing Market "The Rest of the Story" by Henry Vickery	0.10
3:00—4:00	• The Role of Insulation in Energy Efficient Piping (Plumbing) & HVAC Duct System Design by Holly Hirsch	0.10

ATTENTION!!! CPD's, PE's & AIA's

**GET YOUR FREE CEU'S & 3 HOURS OF IL STATE APPROVED CEU'S
AT THE FINEST LOCAL SHOW IN THE INDUSTRY!**

Over 90 Exhibits with more than 500 Products displayed!

Free Door Prizes, Seminar Attendee Prizes and Giveaways!

Product Show and All Seminars are **FREE**

Note: You must register at the show in order to get CEU's.

For additional information, contact Mark Nasuta at 630-514-6067,

Or e-mail mnasuta@deery-pardue.com

NAME: _____



**THIS TICKET MUST ACCOMPANY INDIVIDUAL TO THE
PRODUCT SHOW ON WEDNESDAY SEPTEMBER 16TH FOR
A CHANCE TO WIN AN ALL PAID TRIP TO THE 2016 ASPE
NATIONAL CONVENTION IN PHOENIX ARIZONA (WINNER
MUST BE PRESENT TO WIN)**

**ONE TICKET FOR TRIP TO 2016 ASPE
CONVENTION**

MEMBER MUST BE A CHICAGO ASPE MEMBER IN GOOD STANDING IN ORDER TO PARTICIPATE



October 1-4

The Year's
Premier
Professional
Development
Event for
Plumbing
Engineers &
Designers

Official Planning Guide



2015 Technical Symposium | Hyatt Regency St. Louis | The Arch | 315 Chestnut Street, St. Louis, MO | www.aspe.org

2015 **ASPE**
TECHNICAL
SYMPOSIUM

Official Planning Guide

October 1-4



ASPE's Technical Symposium happens only once every two years, so don't miss this incredible opportunity to enhance your career and network with the best in the business. Join your peers at this unique professional development event created exclusively for plumbing engineers and designers, where you will:

- > discover the latest advances in plumbing system design techniques
- > get solutions to your practical application problems
- > gain the skills you need to advance in your career
- > learn about new products to use in your plumbing system designs
- > find innovative ideas to take back to the office



**EARLY BIRD
REGISTRATION
RATE ENDS
JULY 31**

**Don't delay in registering to
save \$50 OFF the regular rate.**

- > **ASPE Member early bird rate: \$545**
- > **Nonmember early bird rate: \$795**

A full registration includes the Product Show, technical education sessions with CEUs, breakfast voucher, roundtable luncheon, and awards luncheon. Special events require separate pre-registration. One-day registrations are also available. Visit aspe.org/2015-ts-registration for more information.

*NEW THIS YEAR:

Several popular sessions are being repeated at different times to allow you the chance to attend all of the sessions of your choice.

TECHNICAL EDUCATION PROGRAM

The 2015 ASPE Technical Symposium offers customized education for plumbing engineers and designers at all career levels. You can earn up to 1.35 CEUs while learning from the industry's top design experts in a variety of learning formats.

2015 ASPE Technical Symposium Education Sessions

Earn Up to 13.5 Hours of Continuing Education Credit

Each education session at the 2015 ASPE Technical Symposium offers 0.125 or 0.3 CEUs that can be used for license and certification continuing education requirements. ASPE is recognized as an approved provider and sponsor of CEUs and PDHs throughout all 50 states for registrations and licensing requirements. Specifically, ASPE is approved as a Continuing Education Sponsor in the states of New York, New Jersey, Indiana, Louisiana, North Carolina, and Florida. It is ultimately your responsibility to make sure that you are in compliance with your state's rules and guidelines.

	Entry Level	Intermediate	Advanced	Specialty	Industry Discussions & Panels
Friday, October 2					
9:00 a.m. - 12:00 p.m.	Fire Pump Applications and NFPA 20	LEED v4 In Depth	Put Your Pipes in Place with Project Setup	How to Excel at Excel - The Sequel	Proper Use of Cross Connection Control in the World of Backflow Prevention
2:30 - 5:30 p.m.	Introduction to Water Reuse Systems	Commercial Fire Suppression System Design	Plumbing Design in the Revit World: 2016 Edition	Commercial Kitchen Design	Engineering Ethics Panel
Saturday, October 3					
9:00 - 10:15 a.m.	Pipe Hangers & Supports	Top Design Issues for Domestic Water Systems*	Truth and Honor, the Relationship Between the Manufacturer Rep and the Engineer	Project Management*	ASHRAE 90.1
10:30 - 11:45 a.m.	Hydraulic Calculations for Residential Fire Sprinklers	Fire Pump Testing	Medical Gas: Major Changes in NFPA 99*	LEED v4 Power Hour	Lessons Learned in Sustainability Panel
2:00 - 3:15 p.m.	Domestic Hot Water Sizing*	Sewage Ejectors and Sump Pumps	Design of Laboratory RO&DI Water Systems	ANSI Tepid Water Standards	Navigating the Product Certification Maze
3:30 - 4:45 p.m.	Sustainability from A to Z	Top Design Issues for Domestic Water Systems*	Impact of U.S. Legionella Guidelines on Plumbing System Design	Project Management*	Women in Plumbing Engineering
Sunday, October 4					
9:00 - 10:15 a.m.	Introduction to Booster Pumps	Rainwater Harvesting Design & Sizing Recommendations	Legal Greywater Reuse	Differences in Plastic Piping Materials	Intro to Rainwater Harvesting Systems
10:30 - 11:45 a.m.	Domestic Hot Water Sizing*	Double Containment Piping Systems	Medical Gas: Major Changes in NFPA 99*	Clean Agents in Special Rooms	Installation of Copper and Copper Alloy Piping Systems

All times and sessions are subject to change. Consult the official program guide on-site for the final schedule.

2015 ASPE TECHNICAL SYMPOSIUM

Official Planning Guide

October 1-4



ROUNDTABLE LUNCHEON

**October 2, 2015
12:15 – 2:15 p.m.**

This unique forum offers a special opportunity to discuss current issues, share design solutions, ask questions, and receive answers to your challenges. Moderators will host each table and get the discussion rolling, but you can voice your opinions, raise topics, debate ideas, or just sit back and listen. It's an ideal venue to network with and learn from plumbing industry professionals from all over the country.



**GREEN
PLUMBING
DESIGN**

GREEN PLUMBING DESIGN WORKSHOP

Sept. 30 – October 1, 2015 | 8 a.m. – 5 p.m.

This two-day workshop being held just prior to the 2015 ASPE Technical Symposium and led by instructor Douglas Nelson, PE, GPD, will teach participants how to design systems that conserve and protect water supplies and reduce energy consumption in the delivery and use of water. Those who pass the exam at the end of the workshop will be granted use of the GPD designation, which denotes professionals with a high level of experience and training in sustainable practices. Registration is limited to 18 participants, and you must have a CPD or PE to register. **Pre-registration by September 4, 2015 is required.**

2015 ASPE TECHNICAL SYMPOSIUM PRODUCT SHOW

October 1, 2015 | 5 – 8 p.m.

Join your peers, grab a drink, and get a bite to eat at this engaging event! The 2015 ASPE Technical Symposium Product Show is a unique opportunity to get one-on-one face time with the manufacturers that make the products you specify. The list of exhibitors will grow as more sponsors sign up for the show, so visit aspe.org/2015-product-show often to see who will be participating.

If you want to bring a friend or colleague to the Product Show, tickets are just \$20.

Exhibitors*

AB&I Foundry/EST	Kynar by Arkema
Amico Corp.	New Age Casting
ASSE	NIBCO
Bradley Corp.	Patterson Pump Co.
Charlotte Pipe & Foundry Co.	SharkBite/Cash Acme, Reliance
Copper Development Assoc.	Worldwide Corp.
CSA-International	T&S Brass & Bronze Works, Inc.
Equipment Controls Corp.	TMB/PE Magazine
Evoqua Water Technologies	Tyler/Wade
GF Piping Systems	Uponor
IAPMO	Victaulic
Imaginit Technologies	Viega
IPEX	Watts Water
Josam	Zurn
Kohler/RADA	

*List as of 7-22-15

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HOTEL INFORMATION

Hyatt Regency St. Louis
at the Arch
315 Chestnut Street
St. Louis, MO

All 2015 ASPE Technical Symposium events will be held at the Hyatt Regency St. Louis at the Arch, a luxury hotel in the heart of downtown St. Louis, just steps from the famous Gateway Arch, Busch Stadium, Ballpark Village, and the Mississippi River. The hotel includes the world-famous Ruth's Chris Steak House, the Brewhouse Historical Sports Bar, Red Kitchen & Bar, and Starbucks on-site.

Special ASPE rate: \$129/night, single or double standard room

To secure your discounted rate, be sure to make your reservation by September 4, 2015. After that date, the special ASPE rate will not be available. This rate is only for 2015 Technical Symposium attendees. To receive the special rate, make your hotel reservation through ASPE's 2015 Technical Symposium website at aspe.org/2015-ts-hotel.

NEW THIS YEAR: Special Events for Young Professionals

ASPE YOUNG PROFESSIONALS

At the 2015 ASPE Technical Symposium, ASPE Young Professionals (AYP) is offering two special events just for plumbing system engineers and designers 35 years old and younger.

AYP LEADERSHIP CONFERENCE

October 1, 2015 | 7:30 a.m. – 5 p.m.

Join ASPE Young Professionals for the inaugural AYP Leadership Conference—an exclusive opportunity for young professionals to gain an edge in your career while hearing from industry peers who once were in your shoes. Topics will include:

- Hindsight Is 20/20: What I Wish I Knew Then that I Know Now
- Ethics in Engineering
- Industry Leadership Skills
- Project Management
- How to Take Advantage of Your ASPE Membership and Get Involved

This conference will award 0.6 CEUs in addition to providing invaluable resources and tools that you can take back to your office. Registration is only an additional \$100, but by signing up you can take \$100 off your 2016 ASPE Convention registration fee, a webinar, or ASPE product.

This exclusive full day of training is only open to ASPE members 35 years and younger who are also attending the 2015 ASPE Technical Symposium. Breakfast and lunch are included. Registration is limited to 25 AYPs, so act fast. **Pre-registration by September 4, 2015 is required.**

AYP NETWORKING EVENT

October 3, 2015 | 6:30 – 8:30 p.m.

ASPE's St. Louis Chapter invites all ASPE Young Professionals to attend an exciting event at the Flying Saucer Draught Emporium, where you will have the chance to enjoy a chain of spacious taprooms serving hundreds of different varieties of beer. **Pre-registration by September 4, 2015 is required to attend**, and event details will be provided in your registration packet that you will receive when you check in on-site. Limited to 50 people.

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TRAVEL INFORMATION

Rental Car Discount

ASPE has partnered with Enterprise Rent-A-Car to offer 2015 Technical Symposium attendees a significant savings on a car rental for our event. Use the code XZL0101 at enterprise.com to receive the discount.

Driving Directions and Airport Transportation

Go to aspe.org/2015-links for maps and directions to the Hyatt Regency St. Louis at the Arch. You will also find links to transportation options to and from Lambert International Airport.

ST. LOUIS ATTRACTIONS

St. Louis offers numerous attractions to help you unwind after a long day of professional development. The headquarters hotel is located right in the heart of downtown St. Louis, so you just have to stretch your legs a little bit to find food, drinks, and fun.

Dine, Drink, and Play at Ballpark Village:
stlballparkvillage.com

Visit the Cardinals Hall of Fame and Museum at Busch Stadium:
stlouis.cardinals.mlb.com/stl/ballpark

Journey to the Top of the Gateway Arch:
gatewayarch.com

Explore St. Louis:
explorestlouis.com

THANK YOU SPONSORS!

ASPE thanks the generous sponsors of the 2015 ASPE Technical Symposium.*

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*List as of 7-22-15

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