



Chicago ASPENews



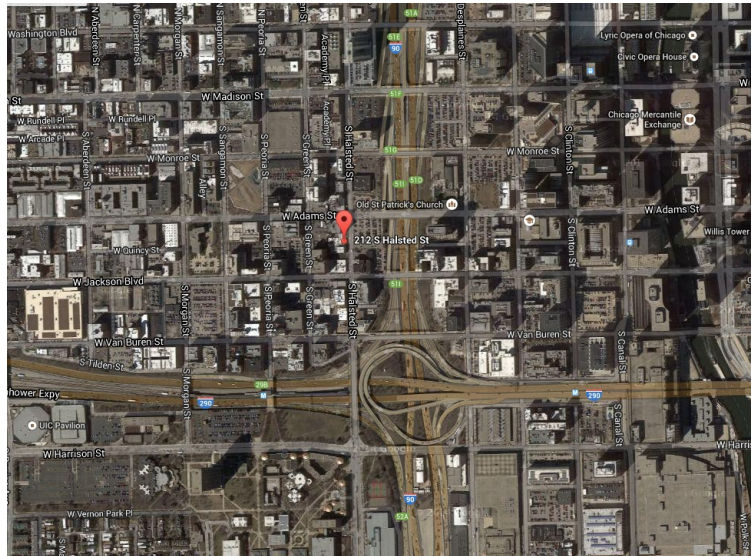
Chicago Regional Chapter of the American Society of Plumbing Engineers
Vol. 46, No. 4
November, 2014




Chicago Chapter General Meeting Thursday November 20, 2014



Athena's Restaurant
212 S. Halsted Street
Chicago, IL 60661



AGENDA

- 5:30pm Cocktail Hour
- 6:30pm Dinner, (\$35 ASPE Members with RSVP/\$40 Non-Members and Walk-ins)
- 7:15pm **Manufacturer Spotlight:**  **Lochinvar**
High Efficiency Water Heaters, Boilers and Pool Heaters
- 7:30pm Presentation – *New 2015 ICC Code items that affect the design of plumbing systems* by Fred Grable with the International Code Council

RSVP as soon as possible to Mark Mannarelli, VP Technical!

- ◇ Return the enclosed card for those of you getting this via US Mail
- ◇ Call: 630.901.6446
- ◇ Email: Chicago.ASPE.RSVP@gmail.com
- ◇ Go to Chicago.aspe.org and RSVP!

MENU

Appetizers:

- Saganaki
- Taramosalata
- Gyros
- Greek Salad

Main Course:

- Moussaka
- Pastitsio
- Spinach cheese pie
- Athenian Chicken
- Served with rice pilaffi and roasted potatoes

Dessert:

- Baklava
- Galaktoboureka
- Coffee

Local chapters are not authorized to speak for the Society



PRESIDENT'S MESSAGE

Man, is it November already? This year has really flown by!

Our October meeting back at our semi "Home Base – La Villa" it was excellent as always. Good food, Good presentation by Jason Waterwash from Lochinvar, discussing condensing water heaters. More importantly good colleagues in attendance! We also had a great Manufacturer Spotlight segment with Viega. We have a few spots open for the Manufacturer Spotlight program for this ASPE season, if you are interested contact Mark Mannarelli for information. It is a great way to promote your products and company in front of our whole group!

2015 ASPE Chicago Calendar

The 2014 ASPE Chicago Calendar was a great success, so we have decided to continue the calendar. Since it is not a convention year, the cost to advertise will be reduced. Look for more information shortly on how to advertise or claim a month for your company. Scott Jagodzinski has graciously volunteered to handle the calendar again. If you look at the last calendar, one can see it will be a quality product—so get your request in for a month ASAP. Contact myself or Mark Mannarelli if you would like to participate.

ASPE Chicago Product Show

Yes it is back, and we are trying to make it bigger and better than past years. We are looking at new venues, and ideas that will make it even better than it has been in the past. We are looking for volunteers, and a Product Show Committee Chairman. If anyone is interested, please contact myself or Mark Mannarelli. Our first meeting will be early December to get things rolling. Please if you have any ideas or input let us know. THIS IS YOUR SHOW!

Booster Night – December Meeting

One of my favorite topics, since it brings the most members to a dinner meeting than any other. I would like to see every meeting at this attendance level if possible. We are stating with the theme "Game Night" it seems to be a very popular theme. We will be bringing in new games and new contests to win prizes. If anyone is interested in sponsoring a game/contest please contact any board member. Please mark your calendars for this spectacular event: 12/18/2014.

Joint Meeting

We are planning a joint meeting with ASSE again this year, details to follow.

I am looking forward to seeing you at the November meeting. Hoping to see a great turnout, as we have a new venue in **Greek town**. Thanks to Mark Mannarelli for researching this new location.

Rick Butler, President

rbutler@lochinvar.com; 224.238.8515

~ATTENTION AFFILIATES: MANUFACTURER SPOTLIGHT EXTENDED~

Due to the recent success of the Manufacturer's Spotlight program with the Convention Host Committee—we will be offering the Manufacturer's Spotlight program for the remainder of the year (January—May). The cost will be the same, \$500 with an optional additional \$500 to sponsor an open bar prior to the meeting. Please contact Mark Mannarelli mmannarelli@syska.com or Rick Butler rbutler@lochinvar.com to sign-up. First come, first serve! The Spotlight Presentations has been beneficial to the new members as well as old members—showcasing updated products in a more intimate setting than big product shows.

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FACEBOOK

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

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

LINKEDIN

[www.linkedin.com/groups?](http://www.linkedin.com/groups?home=&qid=2393408)
[home=&qid=2393408](http://www.linkedin.com/groups?home=&qid=2393408)



VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING

Hello from your V.P.T.,

October Meeting

It was great to see the familiar faces at the meeting last month along with some new faces. It was special to see two people in particular, Nevo Martelli and Jason McDonald. Nevo returned from battling a health issue that had him side lined for a few months but hope he will be in attendance at all the upcoming meetings. Jason former president of the Chicago Chapter returned from a short stint in southern Indiana. Welcome back to two generous and dedicated individuals. We also had in attendance Michael McGaughan Illinois Chapter President of ASSE.

Thanks to Jason Waterwash from Lochnivar for his presentation last month.

Meeting attendance and CEU's

This year we will be emailing each member a certificate (for CEU's) for attending each monthly meeting. In order to get CEU's the member will need to sign in and sign out on the sign-in sheet at the front table when entering and leaving the meeting.

November Meeting

For this month's meeting we are trying a new location in Greek Town: Athena's Restaurant at 212 S. Halsted Street.

This month's topic is "New 2015 ICC code items that affect the design of plumbing systems" Presented by Fred Grable with ICC "International Code Council.

Continued on next page...



Manufacturer Spotlight



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



Lochinvar®

High Efficiency Water Heaters, Boilers and Pool Heaters

***Thank you for supporting the
2014 Convention Host Committee!***

VICE PRESIDENT, TECHNICAL: TECHNICALLY SPEAKING CONTINUED...

Fred is the senior staff engineer for ICC. Fred is a member of the International Code Council, Secretariat for the International Plumbing Code, Secretariat for the International Residential Code-Plumbing Provisions, Secretariat for the Water Conservation Chapter (Chapter 7) of the international Green Construction Code and Secretariat for the International Swimming Pool and Spa Code.

Toys for Tots—THIS MONTH!

Remember this month to bring in your Toys for Tots—it's our annual event. Let's help give kids not as fortunate as ours a bright Holiday season this year.



I thought this was an appropriate picture for this month.

I was wondering around on the internet and found a great site:

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

The web site has great insight into green roofs and green walls the infrastructure benefits, sources, organizations, government resources, research and projects.

Green roofs can help regulate a building's internal temperature, reduce stormwater runoff, and mitigate the urban heat island effect. Green roofs offer significant economic benefits, including a longer roof life and heating and cooling energy savings. Green roofs also provide an opportunity for urban food production, and increasing urban biodiversity. If well-designed and cared for, green roofs can offer people the psychological benefits of nature. The site also talks about green walls.

Green walls include most of the benefits of green roofs, but also:

- Temperatures behind green walls can be reduced by as much as 10 degree celsius.
- Green walls can help reduce sound reflection

Through shading, green walls can lower temperatures in summer and reduce energy costs by 23 percent.

You can never have enough information when it comes to the work we do. Everyday something new is asked of us in ways to make systems more efficient .

Thank you,

Mark G. Mannarelli, Vice President, Technical

mmannarelli@syska.com



VICE PRESIDENT, EDUCATION

VP Education: I am excited to be back in the swing of ASPE season! Unfortunately I was unable to make the October meeting, but I believe the CEU credit certificate information was announced. Just in case it was not, we will be issuing CEU credit certificates for all continuing education credits earned at meetings. This process will help to ensure that certification requirements with ASPE are met and accounted for. Please contact me at mpardue@deery-pardue.com if you have any questions.

I will be looking at getting the IIT student chapter involved with some of the meetings and events we have coming up. In talking with some people that have been involved with ASHRAE, I think it would be good to copy some of the methods they use to recruit young professionals into the plumbing industry.

I look forward to seeing everyone at the November meeting!

Matt Pardue, Vice President, Education

mpardue@deery-pardue.com



VICE PRESIDENT, MEMBERSHIP

November Greetings,

The cooler weather is coming, just in time for the Thanksgiving holiday season. I am enjoying the brisk weather and aroma the fall leaves and pumpkin. Do they still have street vendors selling roasted chest-nuts? I always loved getting a bag as a kid – a perfect snack for those cold days.

I was not able to make to the October meeting, so I am looking forward to meeting all of you new members out there as well as prospective new members at our November Chapter meeting.

Welcome to the newest member of the ASPE Chicago Chapter:

- Mark Conniff

Until Next Time...and Happy Veteran's Day!

April Ricketts, PE, CPD, LEED AP BD+C, Vice President Membership
rickettsa@cdmsmith.com: 312.346.5000



VICE PRESIDENT, LEGISLATIVE

2014 IDPH Code Compliance.

Fact: The City of Chicago is the only city in the state with its own Plumbing code.

Due to the elimination of some local code restrictions by Illinois Department of Public Health (IDPH), a lot of new jobs outside of the City of Chicago can now benefit of the savings generated by using smaller diameter piping, and less expensive piping materials on drainage and domestic water systems.

Here are some of the changes that have taken place with the 2014 version of the Illinois Plumbing Code:

Section 890.TABLE A Approved Materials and Standards.

Approved Building Drainage/Vent Pipe

Agency notes:

Type M copper tubing, DWV copper tubing, and galvanized steel pipe are approved for above-ground uses only.
PVC pipe with cellular core is approved only for gravity drainage and venting.

Approved Building Drainage/Vent Pipe

Agency notes:

PVC pipe with cellular core and vitrified clay pipe are approved only for gravity drainage.

Approved Materials for Water Service Pipe

Acrylonitrile Butadiene Styrene (ABS) Pipe
Chlorinated Polyvinyl Chloride (CPVC) Pipe
Poly Butylene (PB) Pipe/Tubing
Polyethylene (PE) Pipe
Polyethylene (PE) Tubing
Polypropylene Pipe
Polyvinyl Chloride (PVC) Pipe

Agency notes:

Water service pipe must meet the appropriate NSF standard for potable water.

Type K or L copper may be installed underground.

Continued on next page...

VICE PRESIDENT, LEGISLATIVE – CONTINUED

Approved Materials for Water Distribution Pipe.

- 2) Chlorinated Polyvinyl Chloride (CPVC) Pipe/Tubing
- 5) Cross Linked Polyethylene
- 7) Poly Butylene (PB) Pipe/Tubing
- 8) Polypropylene Pipe
- 9) Polyvinyl Chloride (PVC) Pipe

Agency notes:

- 2. Water distribution pipe must meet the appropriate NSF standard for potable water. Plastic shall be rated at 160 psi at 73.4 degrees Fahrenheit..
- 3. Use for cold or tempered water only.

Section 890.APPENDIX A Plumbing Materials, Equipment, Use Restrictions and Applicable Standards

Section 890.TABLE I Allowed Distance from Fixture Trap to Vent

Size of Fixture Drains (Inches)	Maximum Allowed Distance from Trap to Vent
1¼	2 ft. 6 in.
1½	3 ft. 6 in.
2	4 ft. 0 in.
3	5 ft. 0 in.
4 and larger	6 ft. 0 in.

Note that this will limit the vent location for some commercial kitchen sinks, and lavatories that are not being drain directly to the wall were they are mounted to.

J. Francisco DeHoyos, Vice President, Legislative

aspe.chicago.vpl@gmail.com



ADMINISTRATIVE SECRETARY

Greetings Members,

This is the month to be Thankful for all of the good things that you have experienced so far this year and to look forward to celebrating the upcoming holidays with family and friends.

Speaking of experiences and celebrating, the ASPE Dinner meeting will be at a brand new location: Athena Greek Restaurant 212 S Halsted St #1, Chicago, IL starting at 5:30 pm! So don't forget to go to <http://chicago.aspe.org/> and RSVP for the meeting or contact Mark Mannarelli, VP Technical via a phone call to 630-901-6446, Email: Chi-cago.ASPE.RSVP@gmail.com

As I close I will leave you with a quick informational fun fact: American residents use about 100 gallons per day more of water due to flushing the toilet than they do by showering or any other activity.

David J. Erickson Sr., Administrative Secretary

derickson@symmons.com: 847.287.0922

THE ASPE CHICAGO BADGE IS BACK AGAIN, AND UPDATED!

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 the new ASPE logo or your new name or company?

The Chicago Chapter is proud to offer once again our badge promotion.

Costs:

Badge	\$20.00
Shipping	\$5.00 (optional)



NEW LOOK!

Make checks payable to "ASPE Chicago" and submit the total amount to:

ASPE Chicago Chapter
c/o Theresa Allen
Grumman/Butkus Associates
820 Davis Street, Suite 300
Evanston, IL 60201

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, fax or email this form. Badge order will not be processed until payment is received. Fax @ 847.328.4550 or email tallen@grummanbutkus.com.

Please indicate your preferences:

Name: _____

Company: _____

Fastener style (please circle one)



Swivel Clip

Magnet

Clip & Pin Combo

This promotion is for ASPE Chicago members only!

HIGHEST ATTENDANCE SINCE 2006 FOR THE 2014 ASPE CONVENTION AND EXPOSITION

ALEXANDRIA, VA (October 22, 2014) — [National Trade Productions, Inc. \(NTP\)](#), the leader in the face-to-face events industry, today announced the highest attendance in four show cycles for its client, the [American Society of Plumbing Executives \(ASPE\)](#). The 2014 ASPE Convention and Exposition, held September 20-24, 2014 at McCormick Place in Chicago, Ill., attracted 4,946 total registrants, representing the highest overall attendance since 2006. The event's most vital target audience, plumbing engineers and designers, grew by 27.6% over the previous show cycle in 2012. ASPE 2014 also showcased its largest show floor ever, with 301 companies across 67,500 net square feet—a six per cent increase in its footprint over 2012.

"The ASPE Convention and Exposition maintains a distinct value proposition for the plumbing engineering community," said ASPE Executive Director/CEO Jim Kendzel, MPH, CAE. "Featuring extensive education on critical industry trends and a one-of-a kind showcase of the largest display of plumbing design products and services available anywhere, this year's event drew attendees from 47 states (including Puerto Rico) and 29 foreign countries. We are thrilled that the industry continues to recognize—and embrace—our event as an essential component for business growth and development."

The ASPE Convention and Exposition, produced by the American Society of Plumbing Engineers and managed by National Trade Productions (NTP), is the largest tradeshow in the United States designed exclusively for the plumbing engineering community. The 2014 event celebrated 50 years of advancing plumbing engineering, with 25 technical education sessions as part of the Convention and the ability to earn up to 19.25 hours of continuing education for participation in the full event program. The Exposition included 301 companies across 67,500 net square feet, as well as the New Product Innovation Showcase, allowing attendees to learn about the latest industry innovations directly from experts.

"NTP has been working with ASPE as their show management partner since 1987," said Andrew Ortale, NTP Executive Vice President. "They are our longest-standing client, and we enjoy the deeply-rooted, collaborative nature of our relationship. We are proud to share and celebrate their continued success in growing and elevating the value of their great event."

OCTOBER MEETING ATTENDANCE

The following individuals attended the October 2014 meeting of the ASPE Chicago Chapter. In accordance with ASPE Society policy, these individuals are entitled to **0.75 RU's** toward the required 24 RU's needed every two years to maintain CPD registration. Meeting attendance is also recognized by the Illinois Department of Professional Regulation to count as 1 PDH towards the required 30 PDH's needed every two years to renew Professional Engineering licenses.

*****This year we will be emailing each member a CEU certificate for attending each monthly meeting. In order to be eligible for the CEU certificate, the member will need to SIGN IN and SIGN OUT on the attendance sheet at the front table when entering and leaving the meeting. Please be aware the CPD reviewers are no longer accepting the 'Meeting Attendance' listed in the ASPE Newsletters as proof of attendance. As a reminder, please forward any changes your email address to aspechicago@gmail.com for updating*****

Alex Fernandez	David Lehman	Lucianna Sayoko Kayo	Scott Jagodzinski
Austin Kizzte	E.J. Kedzie	Mark Kaulas	Sean Allard
Bob Jackson	Ed Lichner	Mark Nashta	Shawn McAuliffe
Brian Hank	Frank sanchez	Meghan Johnson	Steve Montgomery
Chris Sbarbaro	Garry Chelette	Mel Withrow	Terry LeBeau
Chris Wisinski	George Sobyra	Michael McGaughan	Theresa Allen
Curt Bermel	Greg Luczak	Mike Hanney	Tom Babcock
Dan Gordon	Jason McDonald	Nevo Martelli	Tom Porn
Dan Patt	Jason Waterwash	Otton Finiewicz	Tom Ronan
Danuen Mullens	Jeff Gallagaor	Phill Kroll	Tony Dauginas
Darren Rich	Joe Ficek	Ray Cruz	Tony Navarro
David DeBord	Keith Seier	Rick Butler	Tony O'Connor
David Erickson	Kentheth Cutler	Sarah Mahlik	Travis McKnight
	Lindsey Lehman		William Hartman



CORRESPONDING SECRETARY: INDUSTRY NEWS

I think we had a good turnout at the October Monthly meeting. I am looking forward to November's meeting at Athena, which is personally my favorite Greek Town restaurant. See you all there, and I promise to be on time to sell the 50/50 raffle tickets this month!

American Society of Plumbing Engineers (ASPE)

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

Chicago ASPE Chapter Meeting

Date: Thursday, Nov 20, 5:30 PM

Location: Athena Greek Restaurant

212 S. Halsted St., Chicago, IL

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

American Society of Sanitary Engineering (ASSE)

(<http://www.asse-plumbing.org/calendar.html>)

2014 ASSE International Annual Meeting

Dates: November 3-8, 2014

Location: Skirvin Hilton Hotel

Oklahoma City, OK

Details: <http://www.asse-plumbing.org/am14.html>

National Fire Protection Association (NFPA)

(www.nfpa.org)

NFPA Training throughout the US.

<http://www.nfpa.org/training/events%20calendar.aspx>

American Society of Professional Estimators

(www.aspechicago.org)

Chicago ASPE Chapter Meeting

Date: Thursday, Nov 20, 5:30 PM

Location: Barbakoa

1341 Butterfield Rd., Downers Grove, IL 60515

Details: <http://www.aspechicago.org/>

2014 ASPE Convention and Exposition

Dates: Nov 3-8, 2014

Location: Skirvin Hilton Hotel

Oklahoma City, OK

Details: <http://www.asse-plumbing.org/calendar.html>

USGBC – Illinois Chapter (LEED)

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

See link above for several events.

Illinois Fire Prevention Association (IFPA)

(www.ifpanet.org)

Chicago IFPA Annual Holiday Dinner

Date: Tuesday, Nov 11, 6:00 PM

Location: Maggiano's Little Italy

240 Oakbrook Center, Oakbrook, IL 60523

Details: <http://www.ifpanet.org/CalendarEvent.aspx?ID=77&PBD=11/1/2014>

Society of Fire Protection Engineers (SFPE)

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

Chicago SFPE Chapter Meeting

Date: Monday, Nov 10, 12:00 PM

Location: New Line Tavern Sidecar

215 N. Clinton, Chicago, IL

Details: <http://www.chicagosfpe.org/>

2014 SFPE Annual Meeting—Professional Development Conference

Dates: October 12-17, 2014

Location: Hilton Long Beach & Executive Center in Long Beach, CA

Details: <http://www.sfpe.org/SharpenYourExpertise/Education/2014SFPEAnnualMeeting.aspx>

Illinois Chapter of ASHRAE

(www.illinoisashrae.org)

Chicago ASHRAE Chapter Meeting

Date: Tuesday, Nov 11, 5:30 PM

Location: To Be Announced

Details: <http://www.illinoisashrae.org/meetinginfo.php?id=87>

2014 YEA Trolley Crawl

Date: Friday, Nov 7, 6:00 PM -11:00

Location: Moe's Cantina & Various Locations

155 W Kinzie St, Chicago, IL 60654

Details: <http://www.illinoisashrae.org/meetinginfo.php?id=88>

PAMCANI

(www.pamcani.org)

PAMCANI industry-wide calendar: www.piccal.org

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

(www.ilphcc.com)

No upcoming events listed.

Refrigeration Service Engineer's Society (RSes)

(www.rses.net)

RSes Monthly Meeting

Date: Tuesday, Nov 14, 2014 @ 4:30 PM

Location: Silver Stallion Restaurant

1275 Lee St., Des Plaines, IL

Details: See latest meeting notice here: <http://www.rses.net/>

National Rural Water Association (NRWA)

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

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

csbarbaro@consentini-il.com



Chicago ASPENews



2014-2015 Preliminary ASPE Chicago Meeting Schedule

Date	Primer & Technical Presentation	Location
August 9, 2014	ASPE Chicago Chapter Family Picnic & Pig Roast	Schiller Woods Grove #12 Irving Park Rd & Cumberland Ave Chicago, IL
September 18, 2014	Chicago Chapter September Product Show will not be provided this year due to the ASPE Convention being in town	ASPE Convention and Exposition McCormick Place Convention Center 2301 S. Lakeshore Drive, Chicago, IL
October 16, 2014	Manufacturer Spotlight: Viega "Condensing Water Heaters—Things to be Aware Of " by Lochinvar	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
November 20, 2014	Manufacturer Spotlight: Lochinvar ICC Joint Meeting—"New 2015 International Code Items That Affect The Design of Plumbing Systems" by Fred Grable	Athena Restaurant 212 S Halsted St Chicago, IL
December 18, 2014	Another Fun Booster Night—Game Night!	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
January 15, 2015	Water Heater Piping Design by Chris Wisinski	Athena Restaurant 212 S Halsted St Chicago, IL
February 19, 2015	Manufacturer Spotlight: Meilner Sales "Booster Pumps" by Patrick O'Boyle	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
March 19, 2015	"Water Softeners: Sizing and Configurations" By: Steve Lamere, Marlo Incorporated	La Villa Restaurant 3632 N Pulaski Rd Chicago, IL
April 16, 2015	"Alternate Materials for Pipe and Fittings, and Effects to the Illinois Code" by: Uponor	Venuti's 2251 W. Lake Street Addison, IL
May 21, 2015	"Medical Gas Presentation—Tips for Designers, Code Issues and Lessons Learned" by Tim Dance, Medical Gas Certifier	Westwood Tavern & Tap 1385 N. Meacham Rd Schaumburg, IL
June 19, 2015	Annual Golf Outing	Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates, IL
TBD	ASPE Chicago Chapter Family Picnic & Pig Roast	TBD

If you would like to present any of these topics or become a meeting sponsor, please contact Mark Mannarelli at mmannarelli@syska.com.