Chicago ASPENews

Chicago Chapter of the American Society of Plumbing Engineers
Vol. 42, No. 10
May, 2011

CHICAGO CHAPTER GENERAL MEETING
Thursday May 19, 2011

Westwood Tavern & Tap
1385 N. Meacham Rd.
Schaumburg
(847) 969-9500

Agenda

5:30 - 6:30  Cash Bar Cocktail Hour with entertainment by C-Factor (unplugged),

2010 Suburban Nites ‘Best of the Burbs’ winners—Best Female Vocalist & Best Cover Band

6:00 - 6:30  ASPE Chicago Chapter Board of Directors Elections

6:30  Dinner:  $40 Non-Members/Walk-Ins
      $35 Members w/RSVP

7:45  Program:  “NFPA 13 Recent Updates”, by Cecil Bilbo, Academy of Fire Sprinkler Technology at Parkland College

Menu

Appetizers
• Vegetable Trays
• House Salad
• Soup of the Day

Dinner
• Filet Mignon
• Oven Roasted Baby Red Potatoes
• Grilled Asparagus
• Freshly Baked Rolls & Whipped Butter

Dessert
• Chocolate Cake
• Coffee, Tea, Soda

RSVP to Frank Sanchez

E-Mail: Chicago.ASPE.RSVP@gmail.com
Call: 847.316.9251
Fax: 847.328.4550
Return the enclosed card to RSVP.

Local Chapters are not authorized to speak for the Society

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President’s Message

My days on the inside cover are winding down. And that means that changes are ahead for ASPE Chicago. What do I mean? I mean that elections for the 2011-2012 ASPE Chicago Board of Directors are THIS month! All Chicago Chapter members in good standing are eligible to run. But, you have to have your request to be on the ballot in to ME (jsm@grummanbutkus.com or 847 316.9204) by Friday May 13. At the moment, here is the ballot we will be voting on at our May 19 meeting….

President – Frank Sanchez
Vice President, Technical – Rick Butler
Vice President, Legislative – Mark Mannarelli
Vice President, Membership – Tony Navarro
Treasurer – Sean Allard
Administrative Secretary – Francisco DeHoyos
Corresponding Secretary – Keith Seier

Please note that there IS still time to get YOUR name on the ballot. Just let me know by Friday May 13.

Thanks to everyone who came to the Product Show! The quality of our show gets better and better every year without fail. Product Show Chairman Phill Kroll (pkroll@metrodgn.com), Frank Sanchez (fxs@grummanbutkus.com) and the rest of the Product Show Committee and all of our fabulous exhibitors gave us a show to be proud of. We also had some fantastic seminars, some of which you may see return to a monthly meeting next ASPE season. Did you join us for the seminars? The Show? If so, please share your thoughts of the changes we made this year. If you did NOT come out, why? Please let us know what kept you away. We really want to give you a Product Show that makes you WANT to come to the seminars and the Show. And if there are changes we need to make for that to happen, we need to hear your thoughts. Please, don't be shy.

As you all are probably hoping, the weather WILL eventually get nice. And let’s definitely hope it’s a nice day on Friday June 17 since many of us will be at Hilldale Golf Club in Hoffman Estates for the ASPE Chicago Golf Outing. If you are an Affiliate member wanting to purchase a foursome (or two), please contact Steve Triphahn as soon as possible (steve.triphahn@wtengineering.com or 224-293-6333).

The ASPE Chicago Jobs program is still going. If you are looking for work (publicly or quietly) or if you are hiring, please contact me at jsm@grummanbutkus.com. Tell me what you are looking for and we will see if we can get employer and employee hooked up. A perfect world would have ALL of us working and this is a way we can work toward that goal.

Are you on LinkedIn? If so, please join the ASPE Chicago Chapter group. On there, we post meeting reminders among other things.

And while you are online, if you are a Facebook member, look for Lau ChicagoChapter and become his friend. If you DON’T know, Lau, the hula guy, is the Chapter mascot. He would love to be your FB friend!

That’s all I got for now. Come out for Election Night on Thursday May 19 at Westwood Tavern & Tap in Schaumburg. RSVP as soon as possible to VP Technical Frank Sanchez at Chicago.ASPE.RSVP@gmail.com and tell him you will be at the meeting.

Jason McDonald, President
jsm@grummanbutkus.com; 847 316.9204
April Meeting Recap

40th Annual ASPE Chicago Chapter Product Show and Technical Seminars was another success!

Throughout the years, there has been some discussion about changing our show name, finding alternate locations or modifying the layout. Some of those changes were present this year and the feedback has been very positive.

However, the one thing that has never changed is the outstanding support we receive year after year from our Affiliate Members and Manufacturer Representatives.

To all of you THANK YOU for your continuous support! Thanks to them we can provide outstanding education for FREE and display the best products in the region.

Their line cards will be updated and displayed on our website for your use and reference

http://chicago.aspe.org/index.htm?q=Chicago/index.htm

It takes uncountable hours to put together a show like this. Phill Kroll did a great job as the Chairman and the Product Show Committee provided drastic changes that were well received. They all worked really hard to make this show run smoothly and efficiently. The one thing we all regret is that as volunteers we can’t spend as much time on the floor as we would like. So please excuse us if we did not stop at your booth, but some day we will.

As an Exhibitor, this is YOUR show and as attendees this is your opportunity to learn what’s new in the industry at the same time you can receive FREE education, State CEU’s and a lot of prizes.

We are looking forward to receiving your comments and feedback, our goal is to provide quality education during one of the best engineered expositions in the area.

As I conclude my two year term as Vice President Technical, I’m glad to have been able to contribute to this 42 year tradition, I would like to thank you for your support and trust. More than a “sense of duty”, I feel that our ASPE Society is like a big group of friends that support one another in the professional world, we are always raising the bar in engineered expositions, technical education, charitable actions and professionalism. ASPE Chicago serves as an example to other Chapters in the States and I know that the future Board of Directors will continue with these high standards.

Thank you,

Frank Sanchez, CPD; Vice President Technical
fxs@grummanbutkus.com; 847 316.9251
Reduce, reuse, recycle... Rethink.
"NFPA 13 UPDATES, by Cecil Bilbo, Academy of Fire Sprinkler Technology at Parkland College"

Cecil serves as the Academy's Director of Engineering Technology. To fulfill the duties of this position, Mr. Bilbo is responsible for developing and delivering curriculum to students. He utilizes the Academy's new facility to provide hands-on instructional experiences.

Mr. Bilbo works with the Engineering Department of the National Fire Sprinkler Association. In this role, he has helped train hundreds of design and engineering professionals in fire sprinkler layout, hydraulics, and computer-aided design (CAD). He is a principal member of the NFPA 13 committee that develops the rules for the installation of fire sprinkler systems. Prior to his current duties, Mr. Bilbo was the Senior Partner in the Pro Design Group and has worked at national level sprinkler contracting firms. He received his initial NICET certification in 1992. Other qualifications include his role in the development, support, and training associated with the SprinkCAD and MEPCAD software packages.

The Academy of Fire Sprinkler Technology, Inc. plays an important role in a proactive industry, seeking to protect human life and the built environment. Doors opened in the Fall 2009, when their Degree and Certificate granting programs began. The Academy offers one of the most comprehensive, focused, hands-on training in the fire sprinkler industry. Recent high school or college graduates find that the Academy has several unique opportunities for personal and professional development. Current industry professionals find a source for quality, accredited continuing education.

The next edition of NFPA 13 will be released in 2013, Cecil will review a few of the upcoming changes and updates to NFPA 13. For instance, NFPA 13: Standard for the Installation of Sprinkler Systems has included guidance on the use of antifreeze solutions in fire sprinkler systems since the 1940 edition. Recent fire incidents, analysis of available literature, and preliminary testing have revealed that under certain conditions, solutions of glycerin and propylene glycol antifreeze ignite when discharged from automatic sprinkler systems. Have you ever wondered what Standards Council Decisions and Formal Interpretations? Cecil will have an answer for us. Also, he will allow discussion through the presentation and will answer related questions.

Meeting Costs and the Importance of RSVP
RSVPs are extremely important. The lack of them puts a toll on all of us because it means that the restaurant has to set up more seats and prepare more food than what we anticipated.

All you have to do is click on the email address below and hit send; that's it. This email is used only for RSVPs.

RSVP = Répondez s'il vous plaît = Respond if you please!

Email: Chicago.ASPE.RSVP@gmail.com

Frank Sanchez, CPD, Vice President Technical
fxs@grummanbutkus.com; 847 316.9251
2011 ASPE Chicago Chapter
Product Show Exhibitors in Attendance

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<tr>
<th>ADDED SALES</th>
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<tr>
<td>AFFILIATED STEAM EQUIPMENT/ ARM-STRONG</td>
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<td>ANVIL INTERNATIONAL</td>
<td>LUCZAK SALES</td>
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<td>APEX PUMPING EQUIPMENT</td>
<td>MASTER CONTROL SYSTEMS</td>
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<td>BORNUQUIST</td>
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<td>FLEXHEAD INDUSTRIES</td>
<td>PM ENGINEER MAGAZINE</td>
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<td>FRIEDMAN &amp; DORRANS</td>
<td>PROFIT PRODUCTS</td>
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<td>FTI PUMPS AND CONTROLS</td>
<td>PS&amp;D MAGAZINE / ASPE - NATIONAL</td>
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<td>GENERAL PUMP &amp; MACHINERY</td>
<td>PVF SOLUTIONS</td>
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<td>RELIABLE FIRE EQUIPMENT CO</td>
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<td>HOK SALES, INC</td>
<td>REP RITE BURK AND ASSOCIATES</td>
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<td>INLAND SALES / GF GEORG FISCHER</td>
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<td>KOLBI PIPE MARKERS</td>
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<td>LITTLE GIANT/FRANKLIN ELECTRIC</td>
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The following list of individuals attended the April 21, 2011 ASPE Chicago Chapter Product Show seminars. In accordance with ASPE Society policy, these individuals are entitled to 1.5 RU’s towards 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 2.0 PDH towards the required 30 PDH’s needed every two years to renew Professional Engineering licenses.

ROOM 1 – IL STATE APPROVED CEUS

ILLINOIS INFRASTRUCTURE REPORT
IDPH Application #750-050-S1
Presented by Darren Olson, P.E., President of the Illinois Section of the American Society of Civil Engineers and Robert Gorski, P.E. of URS Corporation
Seminar Hours: 11:30 am - 1:00 pm
CEUs Provided: 2.0 State of IL, 1.5 ASPE

Robert Rampetsreiter
Patrick Kerrigan
Joe Ficek
Sergio Cano
Stafford Machas
Keith Seier
Jeff Cochran
Shelly Thomas
Sal Hamdi-Pacha
Joe Leonard
Todd Cooper
William Bauer
Era Yee
Brian Makenas
Joe Mc Cleery
Monica Altenhoff
Martin Barenbaum
Ronald Pison
Michael Cwanek
Natalia Dankanich
Charles Eggert

40th ANNUAL PRODUCT SHOW TECHNICAL SEMINAR ATTENDANCE

ROOM 2 – IL STATE APPROVED CEUS

HOT WATER RECIRCULATION SYSTEMS
IDPH Application #750-050-S2
Presented by Mark Kaulas of Bornquist, Inc.
Seminar Hours: 11:30 am - 1:00 pm
CEUs Provided: 2.0 State of IL, 1.5 ASPE

Robert Connelly
Pete Skok
Robert Franke
Patrick B. Murphy
John Nowakowski
Terri Hoffman
Scott Baron
Steve Adams

SOLAR HOT WATER HEATING SYSTEMS
IDPH Application #750-050-S4
Presented by Victor Rilling of AMT/Mechanical Room, Inc./NTS Solar
Seminar Hours: 1:30 pm - 3:00 pm
CEUs Provided: 2.0 State of IL, 1.5 ASPE

Robert Franke
Patrick B. Murphy
Sal Hamdi-Pacha
Mel Withrow
John Nowakowski
Era Yee
Oscar Lutz
Bob Novak
Paul Valente
Nelson Santos
Charles Eggert
Michael W. Cusack
John Nieman
Phill Peterson
Javier Rodriguez
Todd Cooper
John King
Martin Barenbaum
Dana Ketchmark
Paul Larson
Verne Rezabek
Donald Ware
J. Francisco De Hoyos
David Herbert
Didier Vargas
Jos Sanche
VP Legislative

SOLAR TOOLS

First of all, I thought the new format for the show was EXCELLENT! Everyone from the organizers, presenters, announcers, and especially the vendors did a fantastic job.

There seemed to be half dozen vendors showing solar panels and systems. I thought I would pass along a few websites, and information that may assist you on future projects.

First of all there is the SRCC website; which stands for: Solar Rating and Certification Corporation: www.solar-rating.org. This is a third party organization that gives out a ton of information on solar applications. It also rates the solar panels. They test based on an ASHRAE standard 96-1980 and have tables for easy access to SRCC certified panels. Basically, all panels need to be approved by SRCC to be used in the United States. The testing covers several aspects of the panel. Here a just a few examples:

- How weather affects the panels integrity, from the glass cracking from hail to seams and gaskets holding up.
- How the mounting of the panels hold up structurally
- Thermal Shock
- Thermal Performance Test or you may call this efficiency.

On the website there is an OG100 rating category you click on that to get to a table where you can select all the vendors panel certificates. It rates the panels based on the climate they are in along with how they perform on a Clear, Mildly Cloudy, or Cloudy Day. The website offers a tutorial on how to read the certificate.

Another good site is www.disireusa.org site; which stands for, Database of State Incentives for Renewables & Efficiency. Open the site and click on the map of the state you want to see and it lists plenty of information on incentives available for Solar. It also has a plethora of additional information.

Finally, the above site also has a link to the City of Chicago Green Permit website. Again tons of info, but for solar they put out a Solar Checklist, which follows this article.

Hope this information is useful.

Rick Butler, Vice President Legislative
rbutler@lochinvar.com; 815 477.9983

Affiliates

Thank you to all who participated in this year's Product Show. Feedback has been positive on this year's format. I hope the show was beneficial to everyone.

Elections for the new board is in May. Hope to see all of you at the next meeting.

Thank You,

Mick Bradford, Affiliate Liaison
mick@millersales.com, 630-688-2635
As we prepare to elect Officers at this month’s meeting, the following is from our Chapter history.

Officers
The Chapter has always had strong willingness and participation of its members to serve as officers and/or committee members. Chapter Presidents have been:

1970-1972 Alfred Steele 1995-1997 Timothy A. Smith, CPD
1984-1986 John C. Bukalski, CIPE 2009-2011 Jason S.A. McDonald, CPD
1987-1989 Michael J. Cwanek, CPD 2011- To be determined
1989-1991 Steven T. Triphahn
1991-1993 Robert Dahlmann, PE, CPD Records of Boards of Directors are not complete.

The Chicago Chapter has had many members serve on Society committees and perform Society work in addition to serving the Society Board of Directors. The Chicago Chapter membership strongly believes in the value and benefits of our organization and has not hesitated to step up to the plate when a need arises. The volunteerism of the Chapter’s members is also exhibited through the numerous Society Director’s and Chairman’s Awards received by the various past Boards. The Chapter and its members have received nearly a 100 awards for various merits that include Technical, Legislative and Humanitarian efforts.

- Timothy A. Smith is currently serving as Society Vice President Technical from 2010-2012. Prior to this position, Timothy served two terms as Society Region 5 Director from 2006-2008 and 2008-2010. He also served as Region 5 Chairman from 2004 through 2006 and served the Society Board of Directors as the first (and to date the only) Technical Liaison to the Board from 2002 through 2004.
- David DeBord, just elected at the 2010 ASPE Convention, is serving as the Society Vice President Legislative from 2010-2012.
- Julius Ballanco served two terms as Society President from 2006-2008 and 2008-2010. Julius previously served as society’s Vice President Legislative and Technical from 2002 through 2006. Julius is currently serving as ASPE Research Foundation.
- Ken Wentink served as Society President from 1994 through 1998. Ken also served as ASPE Research Foundation Chairman from 1999 through 2007. Mr. Wentink passed away in April 2008. After Ken’s passing, the Society Board of Directors established the Kenneth G. Wentink College of Fellows in his honor.
- Al Steele served as ASPE Research Foundation Chairman from 1983.
- Russ Calderwood served as Convention co-Chairman at the 1988 through 2000 biennial Conventions. Mr. Calderwood passed away in September 2010.
- Ken Wentink served as co-Chairman at the 1986 Convention.
- Robert Cutler served as the Chairman for the 1984 Convention Host Committee.
- Russ Calderwood served as Society Treasurer from 1978 through 1980.

See you Election Night!

Don Johnson, Chapter Historian

Don Johnson, Chapter Historian
Hello again from your friendly V.P. Membership. I hope everyone enjoyed the 40th Annual ASPE Product Show. A BIG KUDOS goes out to Mr. Frank Sanchez and Mr. Phill Kroll for their outstanding commitment in orchestrating the 40TH annual Chicago ASPE Product Show. Thanks again!!!

I would like to WELCOME the following new members to the Chicago Chapter: Mr. John J. Brody with AERCO International, Mr. Dan Checri with Watts Water Tech, Mr. Joseph Dinkel with CDM, Mr. John A. Stanzi with Fluid Technology, Mr. Thomas J. Higgins IV with T.J. Higgins Company and Mr. Larry Raddatz with Reliable Fire Equipment Company.

Please welcome them into our ASPE Chicago FAMILY. Chicago is still the leading Chapter in the ASPE organization as of May 2011. The following members have anniversaries and should try and make it to the May meeting to receive their ASPE pins:

HAPPY ANNIVERSARY

10 YEARS of MEMBERSHIP
Carsten Birch – Guardian Equipment

David Gibbs – Gibbs Plumbing and Sewer
Sal M. Hamdi-Pacha –
Michael Harrigan – TOTO USA
Michael Imaoka
Jonathan Kulpit – Primera Engineers
Patrick McQuillan – Zurn Industries
Joseph Murphy – H.O.K. Sales
Rocco Petrosino – Kamco
Bruce Shegarfi - Berg Engineering
Christopher Sopiarz – Culligan
Ken Yoshitani –

20 YEARS of MEMBERSHIP
Sergio Cano – Grumman/Butkus

30 YEARS of MEMBERSHIP
Steve Triphahn – W.T. Engineering

884 million people lack access to safe water supplies; approximately one in eight people.
• 3.575 million people die each year from water-related disease.
• The water and sanitation crisis claims more lives through disease than any war claims through guns
• People living in the slums often pay 5-10 times more per liter of water than wealthy people living in the same city
• An American taking a five-minute shower uses more water than a typical person in a developing country slum uses in a whole day.

Remember when you see a person you do not know at a monthly meeting introduce yourself, say hello and help them feel welcome with the Chicago Chapter. Again, if any one that you know needs help with their dues renewal ASPE National has a program “compassion waiver,” program, which allows a member to maintain their membership over a three-month period and at the end of the third month they can renew at a discounted renewal rate.

Please let us help you in these rough times. This is what this is what we (CHICAGO) are about.

Mark Mannarelli, VP Membership
mmannarelli@esdesign.com; 312.456.2354
ASPE 2011 Product Show Wrap Up

Another year has passed and another Product Show has come and gone. And not just any old product show, this was the ASPE Chicago Chapter’s 40th Product Show!

The Product Show Committee would like to thank all of you who made the show an amazing success!

I’ve heard from quite a few of you that you like the changes we instituted this year to liven up the show and keep everyone discussing the latest in plumbing products. The large layout gave us more space to walk around and visit our product representatives. The free buffet dinner was a hit… who does not like free food with their plumbing products? The classes were well attended with excellent presenters and some lively discussions. The product representation was second to none, every plumbing fixture, valve, drain, fitting pipe and device was there for you to see and get some hands on experience with. What more could you ask for? The Chicago Chapter is an amazing group of industry leaders and innovators.

I would like to thank all of our volunteers who helped with setup, class monitoring, ticket sales and every aspect that makes our Product Show such a success.

Our volunteers are the keystone to make this show a great event. They worked hard selling raffle tickets, monitoring seminars, updating line cards and assisting our exhibitors and attendees thorough the night. In alphabetic order, those hard working volunteers were,

Sean Allard
Mick Bradford
Mike Cwanek
Natalia Dankanich
Robert Dahlmann
Francisco DeHoyos
Joe Ficek
Mike Imaoka
Don Johnson
Jason McDonald
Mark Mannarelli
Tony Navarro
George Pagach
Frank Sanchez
Joe Sperando
George Swietczak
Paul Valente

And YOU Product Show Attendee and Exhibitor!

Did you know that our chapter has a long and storied history with many lifelong members and contributors? One of these lifelong members was good enough to perform our official ribbon cutting and open that 40th Product Show. Thanks Don for your years of membership and your years of service.

See you all again on April 19th 2012!

Phil Kroll, ASPE Product Show Chairman
pkroll@metrodn.com ; 224 629.4444 x213
May Events

Buildex Chicago
Trade show and conference for property and facility managers, building owners and operators, architects and designers and real estate professionals.
May 10, 10-5 PM
May 11, 10-4 PM,
The Merchandise Mart, Chicago
Register at https://reg.neocon.com/buildex/

National Fire Protection Association (NFPA)

Illinois Fire Prevention Association (ILFPA)
Chicago Cubs Outing
Tuesday, May 24, 7:10 first pitch, Wrigley View Rooftop, Inc. www.wrigleyview.com
Bus departs at 5:30 from Miller’s Ale House 455 E. Butterfield Rd.
RSVP at www.ilphcc.com

Illinois Society of Fire Protection Engineers (SFPE)
Chapter Field Trip to AUX SABLE USA
Thursday, May 26th, 10 AM at 6155 E. US Route 6, Morris, IL 60450
No cost with RSVP, email Bruce Swiecici at bswiecici@npga.org

Refrigeration Service Engineers Society (RSES)
17th Annual Golf Outing
Thursday, May 19th, Villa Olivia Country Club, Bartlett IL
Register by completing registration form in meeting newsletter available online visit www.rses.net and download latest meeting notice or call (847) 808-0008.

American Society of Heating Refrigeration and Air Conditioning Engineers (ASHRAE)
Seminar & Dinner Meeting
Tuesday, May 10, Aramark Conference Facility, 2300 Warrenville Rd, Downers Grove, IL
Registration at 1:30, Seminar begins at 2:00, Dinner meeting begins at 6:00
Topics include Existing Building Energy Efficiency Resources and an Overview of ASHRAE Standard 100—Energy Efficient Existing Buildings.
Visit www.illinoisashrae.org or call 708 636 3604.

L. Anthony Navarro PE, Corresponding Secretary
tnavarro@lehmandesigninc.com; 312 201.9733
<table>
<thead>
<tr>
<th>Date</th>
<th>Technical Presentation</th>
<th>Location</th>
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<tbody>
<tr>
<td>September 16, 2010</td>
<td>Oil Interceptors presented by Rob Williams of Rockford Interceptors / Deery-Pardue &amp; Assoc</td>
<td>Chief O'Neil's Pub 3471 North Elston Ave. Chicago, IL</td>
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<tr>
<td>October 21, 2010</td>
<td>Rain Water Harvesting using Siphonic Roof Drainage Systems, presented by Ted Kenny of JR Smith / Luczak Sales</td>
<td>Westwood Tavern &amp; Tap 1385 N. Meacham Rd. Schaumburg, IL</td>
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<td>November 18, 2010</td>
<td>&quot;Copper Systems and Industry Update&quot; by Craig Thompson of Copper Development Association</td>
<td>La Villa Restaurant 3632 N Pulaski Rd Chicago, IL</td>
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<td>December 16, 2010</td>
<td>Booster Night Special Entertainment by Steve Cochran, comedian</td>
<td>La Villa Restaurant 3632 N Pulaski Rd Chicago, IL</td>
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<td>February 17, 2011</td>
<td>IAPMO Green Initiatives and Code Updates by Dave Viola IAPMO Director of Special Services</td>
<td>The Parthenon 314 S Halsted Ave Chicago, IL</td>
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<td>March 17, 2011</td>
<td>Plumbing and Kitchen Design by Armand Iaia, Cini-Little Design</td>
<td>La Villa Restaurant 3632 N Pulaski Rd Chicago, IL</td>
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<td>April 21, 2011</td>
<td>40th Annual ASPE Chicago Product Show and Seminars</td>
<td>White Eagle - 6839 N Milwaukee Ave, Niles, IL 60714</td>
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<td>June 17, 2011</td>
<td>Annual Golf Outing</td>
<td>Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates</td>
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If you would like to present any of these topics or become a meeting sponsor, please contact Frank Sanchez, CPD at fxs@grummanbutkus.com, 847.316.9251