

Chicago ASPENNEWS



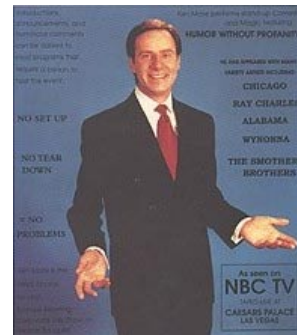
Chicago Chapter of the American Society of Plumbing Engineers
Vol 35. No. 6 December, 2003

“AFFILIATES BOOSTER NIGHT PARTY” DECEMBER 18, 2003

La Villa; 3638 N. Pulaski Road; Chicago, Illinois
Only \$30.00 per person and FREE Parking

Festivities will include:

- 5:30pm - 9:00pm:** Open bar (sponsored by the Affiliate Boosters)
- 6:00pm - 7:00pm:** Social Hour and Hors d'Oeuvres:
Pyramid of Shrimp, Bruschetta, Antipasto, Meatballs,
Cocktail Sausages, Teryaki Chicken Skewers, Stuffed Mushrooms,
Fried Mozzarella
- 7:00pm - 8:00pm:** Dinner:
Dinner Rolls; Pasta Faggioli, Capresi Salad; Rotolo with Vodka Sauce;
Prime Rib ; Roasted Potatoes; String Beans Almondine; Pastries
- 8:00pm - 9:00pm:** “Special Entertainment” -
Comedian and Magician Ken Mate
(see article inside)



**Reservation: Call Jason McDonald (847) 328-3555 x 204, Mail the enclosed card or fax: (847) 328-4550,
Email: jsm@grummanbutkus.com**

Local Chapters are Not Authorized To Speak for the Society

PRESIDENT'S MESSAGE



The new directory has been mailed to the affiliate members for their final revision. Their comments will be picked up and the directory will be ready by the December meeting. Please get any required corrections in by the dead line as we will not be able to grant extensions.

The Biannual symposium was held on October 31st through November 2nd in San Antonio Texas. As mentioned at the November general meeting, your Chicago ASPE Chapter received several awards. They are the award of merit, research foundation fund raising, membership retention and new members. The Chicago Chapter is one of a few chapters to receive the award of merit and the two membership awards and the only Chapter that received awards from all categories.

Please note that we have moved to within 18 members of the Boston Chapter. If we can get the last few hold-outs to join we can overtake them. If a new member brings a filled out membership application with membership fee to a monthly meeting their dinner is free.

I would like to thank everyone who came to our November meeting. If you know someone who is a member please encourage him or her to come to the meetings and show their support. If you know someone is not a member, but should be, encourage him or her to join. We continue to offer a free dinner to any new member that brings an application with their dues to any meeting.

Robert Jackson
President

GREAT ASPE MEETING AND TECHNICAL SESSIONS IN NOVEMBER!

Heat exchangers are one of the more interesting subjects for study, that we are in involved with as plumbing engineers/designers. I always feel that no matter how many seminars I attend on this subject, there is always more to learn. Jack McKeegan did a great job of presenting at the November meeting. I think it's ironic that Shawn Mansfield won both the RSVP Dinner Card Draw, *AND* the 50/50 Raffle, *ESPECIALLY* since he is also an expert on heat exchangers!

Here's yet another (and not the last!) reminder for the 2004 ASPE Product Show! The current list of 24 candidates of Product Show Seminar topics, will be pared down at our PSC (Product Show Committee) meetings, until we agree on 8 or 9 topics. We are still giving **you** the opportunity to voice your opinions on what **you** would like to see as seminars, and even to be a presenter of a seminar.

If you would like to attend a PSC meeting, or join the committee, please let me know ASAP.

We'll see you at Booster Night! Wow! Nice menu!

David DeBord
Administrative Secretary/Product Show Committee Chairman

**Spread the word, especially to your Licensed Plumber friends, that (4) State CEU's will be offered, as well as ASPE CEU's, for seminars at the show!*

Our Review of the ASPE 2003 Technical Symposium

B: I would like to thank the Chicago Chapter of ASPE for sending Jason McDonald and myself to the Technical Symposium that was held in San Antonio, TX at the end of October.

J: Yeah, thanks a lot, folks. The excitement started right away in San Antonio. In fact, as we deboarded the plane, Bruce and I let out a big ole "yee haw" and, get this, Bruce whipped out a 10-gallon (37.9L) hat!! Where the heck did he have that?? How the heck did he get it through security?!?

B: I found it very interesting and quite a bit different than the Convention that was held in Fort Worth last year. The Symposium is a bit more low-key in comparison to the Convention and it gave me a chance to meet and talk with members of other chapters. I am very happy to be from one of the largest chapters in ASPE. After speaking with other chapters, I can appreciate even more the resources in both people and money the Chicago chapter can offer its members.

J: Ah yes, it's good to be king! Sure, I had to deal with a 6am wake-up call on a Saturday; but ASPE made sure it was worthwhile. I had the pleasure of attending the awards meeting where the Chicago Chapter was presented with two Membership awards (Retention and Growth) and the Award of Merit, for just being us I guess. We were one of five chapters in all of ASPE, heck in the entire WORLD, to receive all three of these awards. We also got the big award from ASPE Research Foundation (Central Florida got this, too) for donating more than \$1000 in the past year to ASPERF. In short... Chicago rules!

B: Rah, rah Jason. Anyway, the great thing about seminars is finding out what you know, what you don't know and what opinions you have that differ from those of the presenters. I especially find it interesting how design is done in different parts of the country and how basic design philosophies differ depending on region, code and experience. In a seminar on Emergency Fixtures, there was quite a bit of debate as to whether a floor drain should even be installed at an emergency shower location. Besides emergency fixtures, I sat in on seminars on Special Waste Piping and Treatment Systems, Membrane System Design, Medical Vacuum Pump Sizing and an exceptional program on Green Plumbing Systems where I received an excellent history of the "Commode", past, present and future.

J: Nothing like the history of the toilet! Oh yes, I went to seminars, too. The trip was not all steak and margaritas! I spent the entire first day at a series of seminars discussing LEED Certification and Green Building Design (no, not the same one Bruce went to). I learned that the biggest thing we can do as Plumbing Engineers to help a building become "green" is by using water conserving fixtures, processes, etc. I also learned that there are 1.3 gpf toilets out there. You learn something new every day! Other seminars I attended involved grey water systems, mold, FOG (fats, oils and grease) and NFPA 14, Standpipe Systems, an excellent seminar.

B: The programs by in large were presented well and provided useful information for the types of projects I am involved in. The programs were diversified enough that I think anyone in the design end of the business could find something pertinent. I would recommend attending a technical symposium when the opportunity presents itself. In fact, a few of our fellow chapter members were also in San Antonio. I would like to give special thanks to Cathy McNeil of Metro Design, Carnell Lyons of WMA, Bob Dahlmann of McClier and Terry LeBeau of Halogen Supply for attending the symposium. It's always nice to see a familiar face so far from home.

J: Agreed. Thanks to you guys for showing initiative and heading down there. I think we all had a good time and sure saw some interesting things – the Riverwalk, the Halloween boat parade and of course, the Alamo. If y'all must know, yes, we DO remember the Alamo!

B: While in San Antonio, I learned of an interesting design practice from a member of the Ottawa chapter (in Canada). He places a small (6 kW) electric water heater at the top of the hot water recirculation system loop in a high rise condominium building to avoid temperature drop during lower usage periods. This was new to me – has anyone heard of this or do any of you do this?

J: I've never done that, Bruce. I will reiterate something said earlier – I really enjoyed meeting people from other chapters. Do you know there are chapters (satellites) with as few as twelve members? Do you know there are chapters who struggle to get even 10 people to a meeting? Do you realize how much the Chicago chapter rocks?!?! I get so fired up at these national events! It's so neat being somewhere where people have the common interests of education and love of ASPE. I get a sense of pride knowing I am representing Chicago and that Chicago's voice in ASPE is good and loud!

B: Easy there, Jason. Breathe. Let's finish this up. San Antonio is a beautiful city and we hated to leave. However, leaving turned out to be harder than we thought. After a long series of delays, a cancellation, two rebookings and a lot of "quality time" in two airports, we finally arrived home in Chicago five and a half hours late. Who says ASPE doesn't provide adventure?

J: So true, Bruce. No, we didn't get to see any mountains in Denver but we DID get to fly on a 777!! That was awesome! I had my own TV!! Woo hoo!! By the way, if you were wondering, even though President Jackson could not make it to San Antonio his American Express card did. Thanks Bob!!

Bruce Weiss
Treasurer

Jason McDonald
Vice President Technical

NOVEMBER MEETING RECAP

Another meeting has come and gone and once again we are all the better for it. ## of us showed up to learn all these is to know about heat exchangers. Bob Ser-shon (Ser-shon and Associates) and Jack McKeegan (Patterson-Kelley) were our guests for our November 18 meeting at LaVilla. Again, LaVilla pleased us with an outstanding menu and made things even more enjoyable by making sure we only had eight people per table. You can't argue with ample elbow-room!!

Mr. McKeegan started the evening with the Primer where he covered some of the basics of heat exchangers including the how heat is transferred and the differences between shell and tube and plate and frame heat exchangers. Also, he discussed fouling factors and then we all dove head-first into the LMTD (log mean temperature difference) method of sizing heat exchangers. Woo hoo!

With everyone chomping at the bit following the Primer (and a full stomach from dinner), we couldn't wait to get to the Technical portion of our meeting. Mr. McKeegan stayed with us and led us deeper into the world of heat exchangers. He showed us LMTD Correction curves and how to use them. We also talked extensively about boundary layers and nucleate boiling and how these can increase scaling. It was a very educational presentation where I think we all managed to learn something.

Big thanks to Jack McKeegan and Bob Ser-shon for spending their Thursday evening with us. In fact, they picked up the ENTIRE bar bill for the evening which covered all of the beer, wine and soda on everyone's tables! Make sure to thank them when you see them next.

Thanks so much to all who attended and to each of our presenters for the primer and technical programs.

Jason McDonald
Vice President Technical

CHICAGO CHAPTER

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Chicago Regional Chapter Board of Director

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The "Chicago ASPENEWS" is published monthly by the Chicago Chapter of the American Society of Plumbing Engineers. Your local ASPE Chapter board is all electronic so contact one of us via e-mail. Local Chapters are not authorized to speak for the society.

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Webpage: www.aspe.org/Chicago

ENTERTAINMENT

Join us for the annual ASPE booster night at the La Villa Restaurant, see the menu elsewhere in this news letter, the entertainment will be provided by Ken Mate. Kens act combines comedy, magic, mind tricks and audience participation.

Kens' act comes highly recommended by our own affiliate liaison and he has performed professionally full-time for many years.

Robert D. Jackson
President

MEMBERSHIP

Here comes the drop list again! If you have a third request invoice, please pay immediately to avoid being dropped! If you are dropped you will have to start all over again! If you have any questions in regards to this please contact me@ 815-477-9983.

GOOD NEWS: Jason MacDonald and Bruce Weiss report from the symposium that we have one two awards pertaining to membership; Growth Award and Retention Award. Thanks to the whole chapter for staying on board and to all who have brought in new members. Also thanks to all the new members, hope you are finding the Chicago ASPE chapter fun and enlightening.

Lets still push for new members. We are still about a dozen behind Boston and we need to pass them to become the largest chapter in the world!! Booster night coming up is a great meeting to bring a prospective member Finally, we can now E-mail applications to interested individuals.

Happy Holidays,

Rick Butler
VP Membership

His Bits

At both Society and Chicago Chapter Meetings and functions, it is customary to recognize present Officers and past Presidents in attendance.

On this eve of our 30th plus Booster Night, it appears fitting to recognize our Affiliate Membership who have been the big catalyst in our Booster Night Meetings.

The Following is a list of past and present Affiliate Members who have served in Chapter Officer, Committee Chairman, or Affiliate Liaison positions.

Brendan Bates	John Palumbo
Bob Boettjer	Dave Pardue
Rick Butler	Greg Pardue
Mel Guthrie	Dick Perry
Fred Hoff	Dale Schasker
Dick Karz	Dick Simms
Mark Kaulas	Bill Kibble
Bill Skoglund	Harold Kite
Bob Krinner	Herb Kropp
Len McCue	Harold Miller
Jack Miller	Jim Moynihan

The above listing is a short one in view of all the Affiliate Members who have served our Chapter in one capacity or another through the years. The Affiliate Membership is certainly a strong factor in making the Chicago Chapter the fine organization that it is.

Don Johnson
Chapter Historian

2003-2004 ASPE Chicago Chapter Meeting Schedule

<i>DATE</i>	<i>PRIMER</i>	<i>TECHNICAL</i>	<i>LOCATION</i>
September 18	"A Plumbing We Will Go"	Changes in the Chicago Plumbing Code and Plan Review Process – John McEneaney, City of Chicago Plumbing Inspector	<i>Costa's (Greektown)</i> <i>340 S. Halsted (corner of Halsted & VanBuren)</i> <i>Chicago</i>
October 16	New Requirements for Residential Water Heaters – Friedman and Dorrans (Bradford-White)	Computer Sizing Techniques for sizing Water Heaters – A.O. Smith, Lochinvar, PVI	<i>LaVilla</i> <i>3638 N. Pulaski</i> <i>Chicago</i>
November 20	Basic Math for Heat Exchangers – Patterson-Kelley and Sershon & Associates	The Ins and Outs of Heat Exchangers – Patterson-Kelley and Sershon & Associates	<i>LaVilla</i>
December 18	None	Booster Night – Comedian and Magician Ken Mate	<i>LaVilla</i>
January 15	None	Joint meeting with PAMCANI – PAMCANI Lobbyist, Louis Giordana, reports on current legislation in State of Illinois	<i>Chandler's Chophouse</i> <i>Schaumburg Golf Club</i> <i>401 N. Roselle Schaumburg</i>
February 19		Plant Tour	<i>TBA</i>
March 18	Do I Upfeed or Do I Downfeed?	Technologies in Pressure Reducing Valves	<i>TBA</i>
April 15	Technical Seminars	33rd Annual Product Show	<i>White Eagle</i> <i>6839 Milwaukee Ave.</i> <i>Niles</i>
May 20		Elections	<i>Costa's</i>
June 18	Putting Around	Annual Golf Outing	<i>Hilldale Golf Club</i> <i>1625 Ardwick Drive</i> <i>Hoffman Estates</i>

Due to popular demand, the Chicago Chapter Board of Directors has arranged to once again offer plastic laminated lapel clip name badges. You have seen many people wearing these at ASPE functions. Now is the time to get yours!

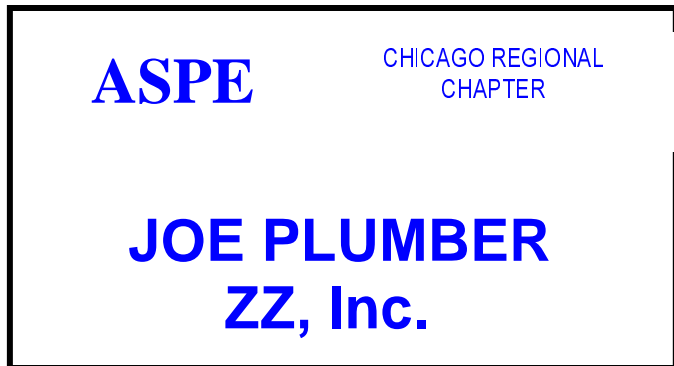
“Badges?? YES, we DO need stinking badges!!”

COSTS

Badge: \$15.00 includes plastic badge with ASPE logo and two lines of text (Name and Company)

Shipping: Not included. You will need to pick up your badge at a monthly meeting or pay \$3.00 for shipping to have it delivered to your office.

Badge: \$15.00
Shipping: \$ _____
Total: \$ _____



Make checks payable to “**ASPE-Chicago**” and submit the total amount to:

**ASPE Chicago Chapter, c/o Joe Ficek @ Grumman/Butkus Associates
820 Davis Street, Suite 300; Evanston, IL 60201.4446**

Name: _____

Company: _____

(Name and Company name will be printed on the badge as listed above – if you leave blanks or list other names, they WILL be printed on the badge.)

DEADLINE FOR APPLICATIONS IS JANUARY 15, 2004