



# ASHRAE San Diego Newsletter



American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

**REGION X**

**Volume 2, Issue 9**

[www.ashraesd.org](http://www.ashraesd.org)

**September 2010**

## WELCOME BACK ASHRAE SAN DIEGO!!

**September's Meeting - Tuesday, Sept 14<sup>th</sup>**  
**PAST PRESIDENTS MEETING!!**

11:30-12:00: Sign In  
12:00-12:10: Introductions of Past Presidents  
12:10-12:30: General Introduction & Announcements  
12:30-1:30: Lunch & Speaker  
1:30-1:45: Raffle & Adjourn

The Butcher Shop  
5255 Kearny Villa Rd.  
San Diego, CA 92123 (858) 565-2272

**Free for Past Presidents!**

RSVP by calling or emailing your reservation to:

Heather O'Donnell  
Phone (858) 391-7014 Email: [Heathero@climatec.com](mailto:Heathero@climatec.com)

**Need a Job? Looking for a New Hire?**  
**Make sure you check out**  
**[www.ashraesd.org](http://www.ashraesd.org) for local job and**  
**resume postings!**

## September's Meeting

### Topic - Achieving Total Flow Control in Hydronic Systems

The presentation will address the challenges faced in developing an effective solution to balancing for variable flow.

Building owners, designers and contractors are being challenged to not only provide the basic creature comforts but also to do so in a cost effective and energy efficient way. In a variable flow system balancing for variable flow means matching the flow to the load under all operating conditions and at all heat transfer devices. In a conventional system multiple devices are employed in order to attempt to accomplish the above. We will examine those elements and look closely at how differential pressure and pressure independent control might help us accomplish those goals.

### Speaker – William J England

Bill is the Hydronics Training Manager for Flow Design, Inc.. He has over 25 years of experience in HVAC Sales and Engineering. In his current position, he conducts technical training sessions for in house as well as consulting engineers, owners and facilities personnel on various topics including variable flow and pressure independent control.

Bill's education includes a B.S. in Electrical Engineering from Drexel University and an MBA from University of Baltimore. He recently completed extensive training at the Hydronic College of Tour and Anderson in Sweden.

## INSIDE THIS ISSUE

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## 18<sup>th</sup> Annual ASHRAE Volleyball Tournament and Picnic

Close to 100 ASHRAE members, friends and family converged on the grass courts of NTC Park Liberty Station in Point Loma to take part in the annual end-of-summer Volleyball Tournament and Picnic. 12 teams representing engineering firms, manufacturer's representatives, contractors, and public utilities played for bragging rights and the chance to take home the championship trophy.

Participating teams were:

SDG&E Savings By Design, X Controls, Bender Dean, Climatec, Trane, McParlane and Associates (2 teams), DPR, KEMA Services, Xnth, ECS, and MBO.

After playing matches throughout the morning to determine seeding, the teams squared off in a double-elimination tournament in the afternoon. McParlane and Associates' Team #2 rode an unbeaten streak to the championship round, where they faced stiff competition from DPR. In the potential championship match, McParlane and Associates took a 20-18 game-point lead. DPR, however, was able to stave off elimination by taking the next 2 points and eventually winning the match 23-21. This forced a tie-breaker match for the championship. Both teams battled back and forth trading side-outs and executing with determination and teamwork. In the end, McParlane was able to close out the tight match and claim the 2010 championship. ECS rounded out the top three.

Aside from the play on the courts, attendees enjoyed a Hawaiian barbeque lunch and a diverse mix of music throughout the day. The kids had their day with a jump house, the nearby playground, and a pair of clowns – Holly and Molly - who entertained them with games and face-painting.

This was a successful event that was made possible by the generous support of our sponsors. Long time supporters SDG&E Savings By Design returned as one of our two Platinum Sponsors. Our other Platinum Sponsor was X-Controls, who were both first-time supporters and first-time participants, fielding a very competitive team that took fourth place overall. Thank you very much for your support.

Also, huge thanks to our other sponsors: Bender Dean Engineering, Trane, Climatec, MBO, Certified Air, Uponor, CMS, McParlane & Associates, Carrier, and Pacific Refrigeration. Without their support, this event would not have been possible.

If you'd like to view pictures from the event, visit our website at [www.ashraesd.org](http://www.ashraesd.org).

If you'd like to join a group to play beach volleyball on Monday nights, email [devin.abellon@uponor.com](mailto:devin.abellon@uponor.com). It's not too early to start practicing for next year!

Devin A. Abellon

Matt Mantanona

Volleyball Committee Chairs

## 2010 ASHRAE Volleyball Tournament - Thanks to our Sponsors!!

<b>SDG&amp;E Savings By Design</b>	<b>Platinum Sponsor</b>
<b>X-Controls</b>	<b>Platinum Sponsor</b>
<b>Bender Dean Engineering</b>	<b>Tournament Sponsor</b>
<b>Carrier</b>	<b>Tournament Sponsor</b>
<b>Certified Air</b>	<b>Tournament Sponsor</b>
<b>Climatec</b>	<b>Tournament Sponsor</b>
<b>CMS</b>	<b>Tournament Sponsor</b>
<b>MBO</b>	<b>Tournament Sponsor</b>
<b>McParlane &amp; Associates</b>	<b>Tournament Sponsor</b>
<b>Pacific Refrigeration</b>	<b>Tournament Sponsor</b>
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## Letter from the Editor

**Jennifer Felsburg**

Trane

### Would you like to promote your company thru the newsletter?

Get a free month post when you contribute to the newsletter. You can write an article on HVAC related news, share photos from ASHRAE events, or write a recap of a meeting...If you would like to contribute, please email your submission by the 24th of the month. Email any questions/comments to [jjdriscoll@trane.com](mailto:jjdriscoll@trane.com).

Or you can advertise as follows:

Business Card 6 Issues; \$80

Business Card 12 Issues; \$140

Half Page (4.9" tall x7.25" wide) Ad 1 Issue; \$50

Half Page (4.9" tall x7.25" wide) Ad 3 Issues; \$125

Full Page (9.8" tall x7.25" wide) Ad 1 Issue; \$100

Full Page (9.8" tall x 7.25" wide) Ad 3 Issues; \$250

**Submissions:** Due by 24th of the month for inclusion in the newsletter issued on the 1<sup>st</sup>. Email submissions to: [jjdriscoll@trane.com](mailto:jjdriscoll@trane.com) please include "ASHRAE SD Newsletter Ad" in the subject line.

## SEPTEMBER DATES TO REMEMBER

THRU 09/08: DEL MAR RACING SEASON

09/02-09/06: FESTIVAL OF SAIL, MARITIME MUSEUM OF SAN DIEGO

09/06: LABOR DAY

09/03-09/05: BARONA'S 40TH ANNUAL POW WOW, BARONA

09/03-10-17-24 SUNSET: LEO CARRILLO RANCH HISTORIC PARK FILM FESTIVAL, CARLSBAD

09/10: 16<sup>TH</sup> ANNUAL FESTIVAL OF BEER, DOWNTOWN SAN DIEGO

09/10: PARENT'S NIGHT OUT – MONTEVALLE, MONTEVALLE REC CENTER

09/11: SEPTEMBER 11<sup>TH</sup> REMEMBRANCE, TEMECULA DUCK POND

09/11: JAZZ 88 OCEAN BEACH MUSIC & ART FESTIVAL

09/15-10/31: JULIAN FALL APPLE HARVEST DAYS, JULIAN

09/17-09/19: 45<sup>TH</sup> ANNUAL SAN DIEGO BAYFAIR POWERBOAT RACING

09/17-10/03: FLEET WEEK 2010

09/24-09-25: POWAY RODEO

09/24-10/31: HAUNTED HOTEL, GASLAMP

09/24-10/31: THE SCREAM ZONE, DEL MAR FAIRGROUNDS

09/24-10/31: THE HAUNTED TRAIL OF BALBOA PARK, BALBOA PARK

09/25: FLEET WEEK 9<sup>TH</sup> ANNUAL BOOT CAMP CHALLENGE, MARINE CORPS RECRUIT DEPOT

09/25: 26<sup>TH</sup> ANNUAL CA COASTAL CLEANUP DAY, BEACHES AND BAYS

## SAVE THE DATE

01/29/11-02/2/11: ASHRAE WINTER CONFERENCE, LAS VEGAS, NEVADA

## SEMINARS & CLASSES

### USGBC LUNCH AND LEED-SMART METER: THE FOUNDATION TO THE SMART GRID

DATE: THURSDAY, 09/09/10, 12:00 PM- 1:00 PM

LOCATION: DESIGN INSTITUTE OF SAN DIEGO  
8555 COMMERCE AVE  
SAN DIEGO, CA 92123

FOR MORE INFORMATION SEE [WWW.SDGE.COM](http://WWW.SDGE.COM)

### NATE CERTIFICATION TRAINING MODULE 1: HVAC BASICS PART 1

DATE: (PART 1) TUESDAY, 09/14/10, 6:00 PM- 9:00 PM

(PART 2) WEDNESDAY, 09/15/10, 6:00 PM- 9:00 PM

LOCATION: SAN DIEGO ENERGY RESOURCE CENTER  
8690 BALBOA AVE, STE. 100  
SAN DIEGO, CA 92123

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### NATE CERTIFICATION TRAINING MODULE 1: GAS HEATING BASICS PART 1

DATE: (PART 1) TUESDAY, 09/21/10, 6:00 PM- 9:00 PM

(PART 2) WEDNESDAY, 09/22/10, 6:00 PM- 9:00 PM

LOCATION: SAN DIEGO ENERGY RESOURCE CENTER  
8690 BALBOA AVE, STE. 100  
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### BASIC ELECTRICITY 101

DATE: TUESDAY, 09/28/10, 9:00 AM- 12:00 PM

LOCATION: SAN DIEGO ENERGY RESOURCE CENTER  
8690 BALBOA AVE, STE. 100  
SAN DIEGO, CA 92123

FOR MORE INFORMATION SEE [WWW.SDGE.COM](http://WWW.SDGE.COM)

## September 2010

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2  FESTIVAL of SAIL (thru the 6 <sup>th</sup> )	3	4
5	6  LABOR DAY	7	8  DEL MAR RACING SEASON ENDS	9	10	11
12 GRANDPARENTS DAY	13	14	15	16	17  FLEET WEEK BEGINS (thru Oct 3 <sup>rd</sup> )	18
19	20	21	22	23  FIRST DAY OF AUTUMN	24  POWAY RODEO (thru 25 <sup>th</sup> )	25
26	27	28	29	30	SCREAM ZONE HAUNTED HOTEL HAUNTED TRAIL (ALL 9/24 to 10/31)	



## ASHRAE 2010 Volleyball Tournament & Picnic



**Congratulations to McParlane, our 2010 Winners!!!**



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A S A F E B E T

Las Vegas, Nevada



January 29-February 2

## ASHRAE 2011 Winter Conference



## ASHRAE 2010 Fishing Trip

Nineteen anglers left Fisherman's Landing on the evening of Thursday July 22nd aboard the 65-foot Pacific Dawn with high hopes for a big tuna catch the following day. Alas it was not to be, as the tuna bite has been far to the south of San Diego this year, kept out of the range of the overnight boats by unusually cold water. Fortunately the stalwart fishermen of ASHRAE would not be diverted from their mission and set off on a shore fishing expedition into Mexican waters that made up in action what it lacked in trophy fish.

Sheepshead, Ling Cod, Rockfish, Sandbass and Barracuda were the quarry and well over 100 fish were caught for the day. Brian Stichter of University Mechanical took the jackpot with the largest fish, a sleek 30-inch barracuda. As usual the accommodations and food on the Pacific Dawn were excellent, Great fishing, awesome food and drink and over \$750 raised for the Chapter!

Many thanks to Pat Cavanaugh, the skipper of our vessel, and his crew, especially our cook Angel for keeping us comfortable and well fed on our journey. Thanks also to the companies that furnished raffle prizes, including the **HVAC Exchange**, **University Mechanical**, and **Mason Industries**. Special thanks to **Air Treatment** and **Tri-County Insulation** for sponsoring the tee shirts.

I would be very interested in hearing feedback on how to make the trip better and would welcome the assistance of anyone who would like to serve on the fishing trip planning committee.

Rick Springe  
Fishing Trip Chair.

