



ASHRAE San Diego Newsletter



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

REGION X

Volume 1, Issue 2

www.ashraesd.org

April 2009

Message from Our President

Mark Bender, PE

Bender Dean Engineering

I am continually surprised at the way ASHRAE is changing to meet the demands of the new generation of engineers. ASHRAE has started a program geared to the younger engineers (YEA) in ASHRAE and have been actively promoting it. One of our board members, Dan Noto, has taken on the task of organizing the YEA meetings. The meetings are more like gatherings and every month they have had better and better attendance. Sometimes the YEA meetings have rivaled our general meetings in attendance. The YEA meetings have also attracted new members; young engineers are told about the benefits of ASHRE and are convinced to join by other young members. YEA has also attracted new board members; Heather Schopplein has taken on the task of the newsletter as a direct result of YEA.

For those Older Engineers in ASHRAE (OAE), we should fully support the YEA program. Does your company pay for membership? Do you pay for time spent on volunteer work? If you don't, perhaps you should.

Without the YEA's our chapter would be faltering, instead we are flourishing. Us OEA's should support the YEA's.

Mark Bender, P.E.

San Diego Chapter President

ASHRAE San Diego 21st Annual Golf Tournament

On **Friday June 19, 2009**, ASHRAE is holding our 21st Annual Golf Tournament. All tournament proceeds will benefit the local chapter and ASHRAE research. This year's tournament will be held at a NEW and exciting venue:

Sea N Air Golf Course

Naval Air Station, North Island

Check-in: 11:30 AM

Shotgun Start: 12:30 PM

Tournament fees have not changed. Each player is \$160.00, which includes:

- Green fees
- Golf cart
- Range balls
- Box lunch
- 2-drink tickets
- Dinner



In response to positive feedback from last year, the ASHRAE Golf committee has once again decided to offer 2 optional formats:

- 1) A 2 person best ball to play for the annual perpetual trophy
....OR....
- 2) A 2 person scramble for those who wish to share the best shot

Choose your style of play during sign ups. Also, like in previous years, plenty of prizes will be available.

The field will be limited to 144 players!

INSIDE THIS ISSUE

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YEA News

Dan Noto, PE

YEA Chairman
United Mechanical Consultants, Inc.

The YEA group of San Diego ASHRAE had our last Happy Hour on Wednesday, March 4th at Basic Urban Pizza Kitchen downtown. This was the second time we've gone to Basic and once again it was a big success! Over 20 Young Engineers, Vendors, Manufacturer's Representatives and Contractors came out to enjoy free pizza and reduced-price happy hour cocktails!!

See you on April 1st at the next YEA Event!



Photo by Rachel Noto

Next Event

WHEN: APRIL 1, 2009, 5:30 PM-9:00 PM

LOCATION: GORDON BIRSCH-MISSION VALLEY

5010 Mission Center Road
San Diego, CA 92108

We're heading back to the Gordon Beirsch in Mission Valley. Also, like usual, ASHRAE will be picking up the FOOD tab.

Registration deadline is May 29th, so sign up today!

There are sponsorship opportunities including:

- Dinner Sponsor; \$2,000 (1 Available)
 - Provides a Fantastic Buffet Style Dinner for Each Golfer
 - Includes Four 2-Somes of Golf
 - Recognition on ASHRAE Website
 - Company Name Prominently Displayed at the Tournament
 - Tee Sign at the Tournament
- Tournament Sponsor; \$1,200
 - Includes Two 2-Somes of Golf
 - Recognition on ASHRAE Website
 - Company Name Prominently Displayed at the Tournament
 - Tee Sign at the Tournament
- Corporate Sponsor; \$750
 - Includes a 2-Some of Golf
 - Recognition on ASHRAE Website
 - Tee Sign at the Tournament
- Beverage Cart Sponsor; \$750 (2 Available)
 - Your Company Employees Drive a Beverage Cart to Serve the Players (Beverages Provided by the Golf Course)
- Golf Cart Sponsor; \$500 (5 Available)
 - On Each Golf Cart, Your Company Logo will be Displayed
- Tee Signs; \$250
 - A Tee Sign Placed on a Tee Box at the Tournament

All sponsorship fees have remained the same as last year. Sign up for a sponsorship today so your company can be recognized for the Tournament. All sponsorships need to be sent in no later than Friday May 29, 2009

For Information Please Contact:

Jeff Couture @ (858) 229-5585

Email: Jeff.couture@jci.com



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NEXT MEETING

DATE & TIME APRIL 14, 2009 AT 11:30 AM
PLACE HOLIDAY INN-STADIUM
 3805 MURPHY CANYON
 SAN DIEGO, CA 92123
SPEAKER SHERWIN KHAYATIAN,
 WESTERN REGIONAL MANAGER, DAIKIN AC
COST SEE WWW.ASHRAESD.ORG
DESCRIPTION VARIABLE REFRIGERANT FLOW SYSTEMS

APRIL DATES TO REMEMBER

4/1: YEA HAPPY HOUR; 5:30 PM, GORDON BIRSCH MISSION VALLEY
4/6: PADRES HOME OPENER VS LAD; 4:05 PM, PETCO PARK
4/12: EASTER
4/14: LOCAL ASHRAE MEETING; 11:30, STADIUM HOLIDAY INN
4/16-5/03: 64TH ANNUAL DEL MAR NATIONAL HORSE SHOW; \$18 GRANDSTAND
4/18: TASTE OF UPTOWN/HILLCREST; \$30 ADVANCE/\$35 DAY OF EVENT, HILLCREST
4/19: ANNUAL SAN DIEGO EARTH FAIR; FREE, BALBOA PARK
4/19: FALLBROOK AVOCADO FESTIVAL; FALLBROOK
4/24-4/26: 44TH ANNUAL LAKESIDE RODEO; LAKESIDE
4/30-5/02: REGION X CHAPTER REGIONAL CONFERENCE; IRVINE, WWW.REGIONX.ORG/CRC.ASP

SAVE THE DATE

5/15-5/17: YEA LEADERSHIP CONFERENCE; ATLANTA, GA
6/19: ANNUAL GOLF TOURNAMENT; NAVAL AIR STATION, NORTH ISLAND "SEA N AIR GOLF COURSE"
10/11-10/15: SMACNA ANNUAL CONVENTION; PALM SPRINGS

SEMINARS & CLASSES

2008 NONRESIDENTIAL TITLE 24 STANDARDS: PROCESS OF FILLING OUT THE PROPER FORMS & APPLICATION

DATE: WEDNESDAY, 4/15/09, 1:00 PM- 4:00 PM
 LOCATION: SAN DIEGO ELECTRICAL TRAINING CENTER
 4675 VIEWRIDGE AVE
 SAN DIEGO, CA 92123

FOR MORE INFORMATION SEE WWW.SDGE.COM/TRAINING

AIR CONDITIONING AND HEAT PUMP MODULE (FOUR NIGHT CLASS)

DATES: PART 1, TUESDAY, 04/21/09, 6:00 PM- 9:00 PM
 PART 2, WEDNESDAY, 04/22/09, 6:00 PM- 9:00 PM
 PART 3, TUESDAY, 04/28/09, 6:00 PM- 9:00 PM
 PART 4, WEDNESDAY, 04/29/09, 6:00 PM- 9:00 PM

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

FOR MORE INFORMATION SEE WWW.ENERGYCENTER.ORG

BALBOA PARK SUSTAINABILITY WORKSHOP SERIES GREEN BUILDING BASICS (PART 4)

DATE: TUESDAY, 04/14/09, 11:30 AM-4:00 PM
 LOCATION: REUBEN H. FLEET SCIENCE CENTER COMMUNITY FORUM
 1875 EL PRADO
 SAN DIEGO, CA 92163

FOR MORE INFORMATION SEE WWW.BPCP.ORG

TOWARDS ZERO ENERGY BUILDINGS

DATE: TUESDAY, 04/07/09, 9:00 AM-11:00 AM
 LOCATION: SAN DIEGO ENERGY RESOURCE CENTER
 8690 BALBOA AVE, STE. 100
 SAN DIEGO, CA 92123

FOR MORE INFORMATION SEE WWW.ENERGYCENTER.ORG

April 2009						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1  YEA HAPPY HOUR	2	3	4
5	6  Padres Home Opener vs LAD	7	8	9	10	11
12  Easter	13	14  LOCAL ASHRAE MTG	15	16 Del Mar National Horse Show Starts	17	18  Taste of Uptown/Hillcrest
19  San Diego Earth Fair & Fallbrook Avocado Festival	20	21	22  Administrative Professional's & Earth Day	23	24 Arbor Day 44th Annual Lakeside Rodeo	25  44th Annual Lakeside Rodeo
26 44th Annual Lakeside Rodeo	27	28	29	30  2009 Region X CRC Irvine, CA		

Job Opening

The Dennis Group, LLC, a food and beverage engineering company, is looking for a **Mechanical HVAC Engineer** to design our commercial and industrial projects.

PE Registration, Plumbing Background & Drafting Skills highly desirable.

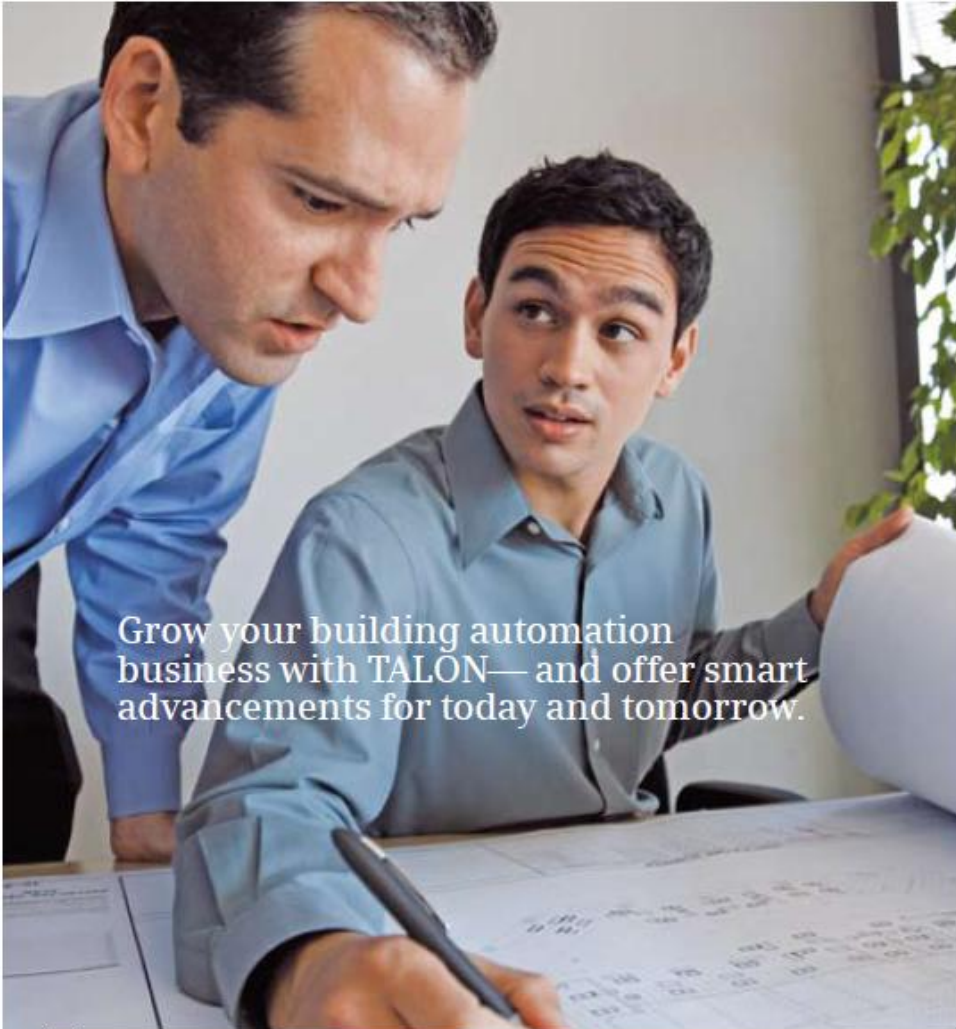
E-mail resume to: Watkins@dennisgrp.com

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dennisc@climatec.com

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United Mechanical Consultants, Inc.
7405 Charmont Drive, Unit 2328
San Diego, CA 92122
(858) 550-1454
d.noto@united-mechanical.com

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Heather Schopplein

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George Misleh

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Louis Egan

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Vacant

TEGA:
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ASHRAE San Diego Foundation

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Bill Reagan
Rick Springe
Steve Thompson, P.E.
Lyle Willis, P.E.

**APRIL 14th-LUNCH MEETING
VARIABLE REFRIGERANT FLOW SYSTEMS**

Sherwin Khayatian, Western Regional Manager for Daikin AC, will provide an update on variable refrigerant flow (VRF) systems. VRF systems have been designed around the world for more than 20 years. VRF systems are extremely flexible and can reduce HVAC energy consumption. VRF systems also provide effective zone control and are ideal for new retrofit applications. The presentation will address the following:

- VRF concepts
- VRF history
- Technology being used in VRF systems
- Variable speed compressors
- Capacity control
- Specific project examples.

Sherwin Khayatian, brings many years of experience working with central plants and variable refrigerant flow systems from all over the globe. He has an engineering degree and also has his MBA, both from the University of California system. He was recently awarded the

Richard A. Dorf Award for the most outstanding academic from the UC Davis campus.

- 11:30 -12:00: Sign In
- 12:00-12:20: Lunch Buffet Starts, Introductions & Announcements
- 12:20-1:30: Speaker
- 1:30-1:45: Raffle & Adjourn

Holiday Inn - Stadium
3805 Murphy Canyon
San Diego, CA 92123

RSVP w/Heather O'Donnell by Monday 10 AM April 13th
(858) 391-7014 or heathero@climatec.com

Avoid the Line - Use our Paypal Service!

- \$15.00 - Students and Retired
- \$30.00 - w/RSVP by 10am April 13th
- \$35.00 - On April 14th or At the Door
- \$45.00 - Not an ASHRAE Member Associate or Affiliate

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Would you like to promote your company thru the newsletter?

- 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



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Water Treatment Solutions for Industry

Submissions:

Due by 24th of the month for inclusion in the newsletter issued on the 1st.
Email submissions to: h_schopplein@hotmail.com
Please include "ASHRAE SD Newsletter Ad" in the subject line.

Payments:

Please make checks payable to ASHRAE San Diego Please include "ASHRAE SD Newsletter Ad" in the note section of your check.
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YEA Leadership Weekend 2009

May 15-17
Atlanta, GA

Young Engineers in ASHRAE (YEA) Leadership Weekend is just for you! Its primary focus is to develop the leadership skills of young ASHRAE members by offering personal and professional development, networking opportunities, and a greater understanding of ASHRAE and how the Society can help YOU advance your career.

Registration will not open until late February, but you can reserve a spot now! For questions or to reserve a spot, send an email to: youngengineers@ashrae.org

The event will be held at the newly renovated ASHRAE Headquarters.

"The YEA Leadership Weekend was a wonderful opportunity that let me connect with other like-minded engineers in my field and share a great learning experience. The group discussions and activities, the leadership and personality exercises and information, and the ethics activities all taught me something about myself and how I can better apply myself to my work, volunteer activities and personal life." -2007 participant

"I had a wonderful time at the YEA Leadership Weekend! I learned to recognize strengths and weaknesses in my own work habits, and how to mesh those strengths and weaknesses with the work habits of others. Plus I got to meet a lot of fun young professionals in the HVAC industry!" -2008 participant



GET TO KNOW YOUR AN ASHRAE MEMBER SPOTLIGHT ON MARK SILKE BOARD OF GOVERNORS

Q: Where do you work & what is your position?

A: Elmco Duddy; Sales Engineer

Q: How long have you been involved in ASHRAE?

A: 26 Years

Q: What made you join and/or stay involved in ASHRAE?

A: Originally, my company asked me to join. After that I found it to be a great way to learn and get to know people in the industry where I've made a whole lot of friends.

Q: What is your favorite part of being an ASHRAE member?

A: My favorite part is probably staying up to date on the industry and what new requirements we are approaching. ASHRAE gives me a helpful focus on a lot of possible changes I need to study up on.

Q: Do you have a favorite ASHRAE event? If so, what is it?

A: Well of all things, my favorite ASHRAE event is the annual golf tournament. That is probably because I love golf and was on the committee that started our annual ASHRAE Golf Tournament 20 years ago. I have also chaired it a few times. This year will be our 21st annual event. Come out and take part!

Q: What got you started in the HVAC trade/industry?

A: It is kind of funny, I did not know what I wanted to do after college and my dad got me a job that I thought I would stay in for a year or two and then go on to something that was fun. Well, it didn't take long for me to realize just how much I enjoyed it, so here I am today.

Q: If you could say one sentence about your ASHRAE experience, what would it be?

A: Through the years I have taken part in a lot of ways, and it is consistent that I get more out of it than I can put in.

continued on page 7

continued from page 6

Q: Besides ASHRAE...what do you like to do for fun?

A: I look forward to traveling. My wife was born and raised in Ireland where we were married and we go "back home" to visit family every year. It is easy to enjoy a very different social atmosphere and as a family, we always look forward to the fun we know we'll have. We all actually have dual citizenship.

Q: If you could say one thing to new members, what would it be?

A: Try not to sit back and be a spectator, but really join in on things and take part. The more you put in, the more you get out, and there are always committees that need assistance.

Note from the Editor

Would you like to contribute to the newsletter? You can:

- Write an event recap
- Review a meeting
- Share ASHRAE related photos
- Write an article on local HVAC news, topics or jobs

If you would like to contribute, please email your submission to h_schopplein@hotmail.com by the 24th of the month. Email any questions or comments to h_schopplein@hotmail.com.

Heather Schopplein

THANK YOU TO ALL WHO ATTENDING THE MARCH JOINT MEETING WITH THE ORANGE COUNTY CHAPTER. IN ADDITION TO A GREAT MEETING AND VENUE THE LIMO BUSES WERE A BLAST! IT WAS A GREAT WAY TO NETWORK AND GET TO KNOW EACH OTHER. THANK YOU SO MUCH CLIMATEC FOR SPONSORING THE LIMOS!

THANK YOU

CLIMATEC



Louisville, KY

June 20-24, 2009

Conference Theme And Technical Program Focus on Managing Air Quality

The pounding hoof beats into the final turn.

The tinkle of ice in a frosted mint julep.

The plaintive echoes of the rivercraft as they signal the drawbridge.

The sights and sounds of Louisville...

"My Old Kentucky Home" on the mighty Ohio River...

and the home of ASHRAE's 2009 Annual Conference.

Maintain the momentum. Push the envelope. Lead the world. Sustainability is our goal...the future is in our hands.

