

SOL AIR

Newsletter of the Southern California Chapter: American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.
May 2001 website: www.ashrae-socal.org Vol. 46, No.9

MAY MEETING INFO

May 1, 2001

Les Freres TAIX
1911 Sunset Blvd., Los Angeles, California

- 5:30 Tech Forum: Pump Fundamentals and Related Nuances
Speaker: Mr. Bob Brennan
Weil Aquatronics
- 6:05 Social Hour (Fun Time!)
- 6:45 Dinner
\$23 with reservation
\$25 without reservation
\$10 student member
- 7:45 Main Program: Energy Efficiency
Speaker: Mr. Charles O'Connor
Los Angeles DWP
- 9:00 Meeting Ends

Please place reservations to Jennifer Farr,
(310) 671-6915, Fax (310) 671-1467 by
Monday, April 30, 2001.

MAY TECHNICAL FORUM

Pump Fundamentals and Related Nuances

Speaker: Bob Brennan

In the HVAC world pumps are charged with moving the water that facilitates wet heat transfer. They literally are the circulatory heart of the system wet side! The Tech Forum presentation will cover topics such as:

- Fundamentals of centrifugal pumps.
- Proper selection.
- Common problems (how to get into trouble).
- Common solutions (how to get out of trouble).
- Necessary physics for proper pump performance.
- Pump performance versus system performance.
- The Affinity Laws.

When it comes to pumps, many feel that “*you can’t live with them and you can’t live without them!*” Learn how to keep a pump happy and keep your relationship with it a congenial one.

Please join us to ameliorate your knowledge and enhance your wisdom (on pumps, anyway). REMEMBER: Pump heart disease is preventable and treatable with proper check ups, diet, exercise, and diagnosis!!

MAY MAIN MEETING

Energy Efficiency

Speaker: Charles O’Connor

Mr. Charles O’Connor of the Los Angeles Department of Water and Power will be speaking on Energy Efficiency. Details were not available at press time.

SOUTHERN CALIFORNIA CHAPTER HISTORY

by: Doug Haines

One of the most comprehensive listings of chapter history lies with a complete set of the *Sol*Air* editions. We have the first publication, starting in September, 1956, and are investigating for any missing editions from that time to the present. We will list what may be needed in the next *Sol*Air*, and, in the mean time, ask all you “savers” out there to locate your old issues and prepare for our call.

Elbert Kelly has all the notes and letters from the 50th Anniversary Chapter meeting (November 12, 1980) and is transferring all that data to our archives at the Siemen’s office in Cypress.

We will also communicate with each past president and ask for a letter listing the “great things” that may have happened during their year in office.

When the above is added to the large file of data already in existence, we should have the one of the most complete chapter histories in ASHRAE.



President's Message

by Sudhir Agrawal

The year is coming to an end. I have thoroughly enjoyed being your President for this year. The constant support and participation from all members made my task very easy. I learned a lot from each one of you - the Chapter members, the Regional Chair, Society President and others. Let your encouragement and teamwork continue forever. I also had an opportunity to lead the Joint meeting for three Chapters where our Society President visited us.

I would like to thank each one of the Board members and the committee Chairs who put an enormous amount of hard work throughout the year. Bob Brennan- my right hand man was always there with me, rain or shine. Ralph Panting created a universal system for an easy Roster update for future. Bob Woods kept our accounts straight and ensured funds availability. Mike Gallagher became a lifesaver when we needed a speaker with less than 24 hours notice. He wrote many technical articles for Sol-Air and also presented spring seminar. Chad Herrick had under control the TEGA, Refrigeration, Spring Seminar work. We had tours to Staple Center and Cal State Long Beach Plants. Mike Burke promoted our membership, wrote technical articles and provided raffle prizes throughout the year. Shawn and Jennifer decorated the meeting place uniquely with a different theme for each month. Jerry Concklin had his Fax committee, Home Page, and Sol Air running smoothly. Will Clark provided the input for the CRC. He also monitored and arranged the programs for the technical and main sessions. Joe Ablay, our *Sol*Air* editor put together one of the best newsletters in the Region X. Craig Hofferber made the information available to everyone by posting Chapter information on our Website. Ed Schmidt was with me as a mentor and guide with answers to all questions. There was a wonderful turn out at the Golf Tournament with his efforts. Clay Lampman kept the interest of the students intact, provided them with scholarships, and kept the Western Section and Cal State Long Beach Chapters going. Phil Trafton maintained our investment funds even with the difficult times in the market. Ted Hanft maintained the membership database for the past, current and future use. He is the only one who can provide the correct headcounts. Amar Amarnani's efforts recognized our Chapter with a Full-Circle Status in the Research Promotion area once again. He organized the Spring Seminar. Overall Report for Chapter performance came from Cindy Callaway. She reported PAOE points for the Chapter.

We have a new Officers slate for the coming year, which will work under the direction of Bob Brennan. Let us commit ourselves to provide same support to Bob as you gave me. The committee members are Bob Brennan-President, Ralph Panting-President Elect, Bob Woods-Secretary, Chad Herrick-Treasurer; Mike Gallagher, Jerry Concklin; Mike Poyer, Don Lamarr and Sudhir Agrawal as Directors. Jody Rusling and Lo Ling Lozoya helped us throughout the year.

We had a wonderful program in April. There was a good turn out at Golf Tournament and also at the Spring Seminar. Scholarships will be distributed to the students as selected and recommended by the committee.

Some of us will be going to Chapter Regional Conference (CRC) to San Francisco on May 3, 4 and 5 for representing the Chapter.

Don't forget to look at our Website ashrae@socal.org. You will also find information on our June Installation Dinner in this issue of the *Sol*Air*.

APRIL TECHNICAL RECAP

ASHRAE Handbook Review "Bite-Size"

by: Bob Brennan

At the meeting, Phil Trafton presented the changes that had been made from the 1996 Systems manual to the 2000 systems manual. In addition, he gave an overview of the upcoming interactive handbooks that are being prepared by Society through the Research donations that are made. A discussion was held regarding the consensus method used by Society in their committees and the reason that it takes so long for changes to be made. Phil pointed out how important it is for all of the members to get involved with the Technical and Standards committees of Society. >



April Technical speaker Phil Trafton with Bob Brennan



April Main Program speaker Larry Sun with Bob Brennan



PARTNERS WANTED AT CYPRESS COLLEGE

by: Clay Lampman, P.E.

Where are the next generation of DDC technicians coming from? Where are they going to be trained? Cypress College is providing both the facilities and the instructors for DDC training. The college is in serious need of com-

panies to partner with to provide training that the industry requires. The College has the infrastructure in place with computers at each lab station as well as 9 portable computer stations, T3 internet connection, Ethernet network and dedicated server. What the college needs is 12 sets of the most current version of a partnering company's hardware and software (one set for each of the 12 lab stations). In addition, there is an opportunity of the partnering companies to be named in all the advertising and the college training class schedules. Direct all communication to Doug Sallade (714) 484-7000 ext. 48066 or E-mail to dsallade@cypress.cc.ca.us

dsallade@cypress.cc.ca.us

MEMBERSHIP WATCH

by: Ted Hanft

July 1, 2000 through March 2001:

Regular Paid Chapter Members: 296

Contributing Life Chapter Members: 89

New Society Members: 67

Reinstated Society Members 15

Monthly Activities:

Regular Paid Chapter Members: 16

Contributing Life Chapter Members: 14

New Society Members: 11

Reinstated Society Members 1

PRE-ANNOUNCEMENT SIXTH ANNUAL SEMINAR FORENSIC ENGINEERING TECHNICAL GROUP

MAY 11, 2001

UNIVERSITY OF CALIFORNIA, IRVINE

“ESTABLISHING A SUCCESSFUL FORENSIC ENGINEERING PRACTICE”

This year's seminar will feature guest speakers on the following topics:

Advocacy v. Bias in Experts

Professional Ethics

Junk Science

Legal Research

Marketing of Expert Services

Documentation and Filing

Please mark this date on your calendars, and look for more information and registration forms in the next few months. For inquiries and to pre-register, contact Donna Fitzlaff of Mackintosh & Mackintosh, Inc. Consulting Structural Engineers.

Phone: (323) 662-1184

Fax: (323) 662-7541

e-mail: donna@mackintosh-mackintosh.com

Please join us for an evening of
Hollywood Golden Age glamour

The program will include
a social hour, dinner, music
and a silent auction.

Event		
ASHRAE		
<i>Installation Dinner</i>		
Place	Date	Time
Hollywood Roosevelt Hotel Oscar Room	June 9, 2001	6:00 p.m.
Address	Cost	Parking
7000 Hollywood Boulevard Hollywood, CA	\$75 per person	by valet



Reservation Form

Name: _____ E-Mail _____

Company: _____ Phone No. () _____ Fax No. () _____

Please reserve as follows: Number of guests X \$75 per guest: \$ _____

Tables x \$750 per table (10): \$ _____

Total Amount Due: \$ _____

Please make checks payable to: Southern California ASHRAE

Mail reservation form and check to: Bob Brennan
c/o Weil Aquatronics, Inc., 115 E. Palmer Ave., Suite C, Glendale, CA 91205-3122



2000-2001 SOUTHERN CALIFORNIA CHAPTER PROGRAMS

JUNE 9, 2001: INSTALLATION DINNER/DANCE

Location: Hollywood Roosevelt Hotel, Oscar Room
 Time: 6:00 p.m.
 Cost: \$75 per person

WESTERN SECTION PROGRAMS

MAY 8, 2001

Location: Mariann's Italian Villa
 800 S. Broadway
 Santa Maria
 Topic: To be announced.

JUNE 12, 2001

Location: Josie's Four Winds
 3425 State Street
 Santa Barbara
 Speaker: Ken Radtkey
 Blackbird Architects
 Topic: Green Buildings
 Dinner Reservations:
 Hugh McTernan,
 (805) 957-4932/Fax (805) 653-7260

HELP WANTED

Anybody wishing to place an ad in this column for an engineering or other position please submit your request to:
 JOE C. ABLAY, P.E.
 10775 Business Center Dr.
 Cypress, CA 90630
 (714) 816-1434/(714) 826-9592 fax
 Please make a donation of \$50 per ad made payable to: ASHRAE Southern California Chapter
 Others who are seeking employment may place an ad at no charge.

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From the Editor's Desk

by Joe Ablay

For the 2000-2001 dynamic year of Southern California Chapter and the *Sol*Air*, I would like to extend great THANKS for all the members, affiliates and other organizations who took steps in making *Sol*Air* as one medium of communications:

Southern California Edison – For the years of service in the printing and distributions

LA Department of Water and Power – For the immediate assistance in printing and distributions in the last few months

Chapter Officers, Members and Affiliates – For technical articles, news and advertisement

Congratulations to the new set of Chapter Officers headed by Mr. Bob Brennan!

Lastly, thanks to my Assistant Editor, Lo Ling, whose patience and support always makes our newsletter issues delivered on time!

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