



## APRIL 6, 2004 MEETING INFO

Les Freres TAIX

1911 Sunset Blvd., Los Angeles, California

**5:30 Technical Forum: Steam Considerations**

Speaker: Mr. Joe Hollingsworth

**6:05 Social Hour (Fun Time!)**

**6:45 Dinner**

\$25 with reservation

\$30 without reservation

\$10 student member

**7:45 Main Program: Hospital Design Panel Discussion**

Speakers: Mr. Robert Okajima, Mr. Bill Scrantom & Mr. Matt Volgyi, PE

**9:00 Meeting Ends**

Reservations: Dale Au/Brenda Montmarquet (626) 961-9640, Fax (626) 961-9041 by Mon., April 5, 2004.

## APRIL MAIN MEETING: HOSPITAL DESIGN PANEL DISCUSSION

*Speakers: Mr. Robert Okajima, Mr. Bill Scrantom & Mr. Matt Volgyi, PE*

Infectious control in Health care facilities is an important issue in the health care industry today. The engineering community is currently tasked with considering these issues and developing new and creative means for helping to control this problem throughout different stages of engineering design and construction phases.

Engineering design considerations to include

- ❖ proper air distribution
- ❖ equipment location,
- ❖ equipment types
- ❖ operation

### Construction

- ❖ Negative air balance, sealed area construction areas
- ❖ Maintaining air changes and pressure relationships in construction areas

This panel discussion will provide three viewpoints from some of the top professionals in the health care design industry to help point us in the right direction for optimizing infectious control in mechanical design of health care systems and facilities.

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### *In this issue:*

<i>April 6, 2004 Meeting Info.....</i>	<i>1</i>
<i>APRIL Main Meeting: Hospital Design Panel Discussion .....</i>	<i>1</i>
<i>PRESIDENT'S MESSAGE.....</i>	<i>2</i>
<i>APRIL Technical Meeting: Steam Considerations .....</i>	<i>3</i>
<i>Homeland Security for Buildings – ASHRAE Satellite Broadcast.....</i>	<i>3</i>
<i>70 Students Participated In Engineering Week .....</i>	<i>4</i>
<i>Plumbing Systems Design Course.....</i>	<i>7</i>
<i>Southern California Chapter Program Schedule.....</i>	<i>7</i>
<i>Help Wanted.....</i>	<i>7</i>
<i>Dinner Talk.....</i>	<i>9</i>

*(Continued on page 2)*



*Robert H. Woods, President,  
Southern California Chapter, ASHRAE*

## **From the President's Desk**

Tom Lunneberg provided an excellent presentation on LEED (Leadership in Energy and Environmental Design). With increasing energy costs, LEED-certified projects will continue to gain prominence. The tech forum presented by Lonnie Lee on energy resources was a perfect compliment to the LEED presentation.

Just a reminder, Spring Seminar is rapidly coming upon us, Monday, April 19<sup>th</sup> at the University of Southern California. Send your engineers to learn about kitchen design and fan selection as well as VAV box selection and air distribution.

April 21<sup>st</sup>, is the ASHRAE Golf Tournament at Brookside in Pasadena. Spend a day on the links and support ASHRAE.

CRC will be in Sacramento this year for those of you attending.

See you all at the April 6<sup>th</sup> Dinner Meeting at Taix.

## **APRIL MAIN MEETING**

*(continued from page 1)*

### **About the speakers:**

MR. ROBERT OKAJIMA is a graduate of the University of Southern California with a Bachelor of Science in Mechanical Engineering and has been in the HVAC industry for the past 18 years. Starting his career at A.C. Martin & Associates in 1985 and then at Hayakawa Associates before arriving at J.L. Hengstler Associates, he has gained vast experience in the commercial, educational, industrial, and healthcare industries. Since joining J.L. Hengstler Associates in 1995, he has spent a majority of his time working on healthcare projects at facilities such as Hoag Memorial Hospital Presbyterian, Children's Hospital Los Angeles, and Huntington Memorial Hospital. Working on a wide array of projects from central plant upgrades to cogeneration plants, from single room remodels to 4

story additions, he has acquired a strong background in the HVAC healthcare industry.

MR. BILL SCRANTOM, Senior Vice President, is a Registered Professional Engineer with over 19 years of experience, 11 of which have been at Syska Hennessy Group. Mr. Scrantom is a graduate of the University of Texas at Arlington and a member of ASHRAE and ASHE. He has traveled nationally speaking and presenting on the "Future of Healthcare" in the A/E/C industry.

In the past 11 years, Mr. Scrantom has focused his engineering expertise exclusively towards the design of Healthcare facilities. He leads Syska Hennessy Group's Western Region Healthcare Team, comprised of over forty engineers dedicated to the design of state-of-the-art healthcare facilities. Mr. Scrantom's project experience includes numerous projects for Catholic Healthcare West, City of Hope, St. Joseph Health System, and Banner Health System.

Syska Hennessy's Health Science expertise is wide-ranging and diverse, including major hospitals, acute care facilities, medical office buildings, labs and pharmaceutical facilities. The Firm's capabilities include low-voltage design, energy plants, security design, facilities management, vertical transportation, commissioning, construction, and architectural lighting.

MR. MATT VOLGYI has over 17 years experience in the field of building engineering. He has led a number of large-scale complex projects as project manager and lead mechanical engineer. While his main expertise lies in resolving the challenges of laboratory and healthcare design, (in the last 5 years, Mr. Volgyi has completed the design of six major hospitals, and seven laboratory projects in California alone), his experience also includes a full range of commercial, entertainment and educational projects in Asia, Europe and throughout the United States.

Passionate about securing the most appropriate design solution based on the full range of available technologies and funding incentives, Matt prepares feasibility studies and assists clients in sustainable and efficient system selections.

His current projects include Kaiser Panorama City Medical Center and Central Plant, UCLA Santa Monica Medical Center and Central Plant, the Kaiser template hospital with design of the Kaiser Sand Canyon Central Plant, and the UCLA Westwood Medical Center. Matt has been an active participant in developing and applying the Kaiser Technical Standards and a recognized expert in envisioning the transition of hospitals into the 21<sup>st</sup> Century.

## APRIL TECHNICAL MEETING: STEAM CONSIDERATIONS

*Speaker: Mr. Joe Hollingsworth*

Mr. Joe Hollingsworth, Regional Sales Manager, has been in the boiler industry for more than 30 years and with the Cleaver Brooks family of companies for more than the five years. Joe is a graduate of Texas Tech University where he earned his Bachelor of Science in Mechanical Engineering.

Mr. Hollingsworth started his career as a Process engineer for Chemical Corporation on the Houston Ship channel with operating responsibility of five field erected Combustion Engineering boilers, here he gained valuable first and insight into the design, operation, and maintenance of large steam systems.

He has also held the following design related positions including:

- ❖ Designed and rated process heaters
- ❖ Designed Ammonia Reformers
- ❖ Designed Catalytic-Cracking Units for Heat Research/MW Kellogg in Houston, TX.
- ❖ Designed and sold firetube and watertube waste heat boilers

For over 70 years, Aqua-Chem, Inc. and its Divisions, Cleaver-Brooks, Water Technologies, Lincoln Manufacturing, Gonzales Manufacturing, Energy Recovery International, Industrial Combustion, and Nebraska Boiler have provided energy and environmental solutions in the form of water treatment, commercial heating comfort, and industrial processes in partnership with customers in more than 100 countries around the world.

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## HOMELAND SECURITY FOR BUILDINGS – ASHRAE SATELLITE BROADCAST

*by Cindy Callaway*

Terrorist attacks targeting the built environment are a critical and compelling issue to the nation, especially to building designers, owners, managers, and first responders. Multiple hazards and threats intersect within a building, and critical questions concerning the danger of chemical, biological or radiological (CBR) attacks remain. This broadcast will address questions of design, construction and operation of buildings. The primary goal is to address the key issues related to building protection from CBR incidents which draws heavily from ASHRAE's most credible and timely reports and publications.

The program will be presented in two segments. The first will review the federal government perspective on homeland security, ASHRAE's role, homeland security related codes and standards, and homeland security issues related to design and operation of HVAC&R systems. The second segment will focus on protecting buildings from CBR and associated threats. Occupant protection, filtration, and the effectiveness of personal CBR protective systems will be discussed.

The broadcast will be Wednesday, 14 April 2004, from 9 am to noon at The Trane Company, 17760 Rowland Street, City of Industry. There is no charge for this event. Seating is limited!

Please RSVP to [cindy.callaway@p2seng.com](mailto:cindy.callaway@p2seng.com)



## 70 STUDENTS PARTICIPATED IN ENGINEERING WEEK

by Karine Leblanc

This year Engineering Week was very hectic! We had a very strong program organized by our members where four days of programs was scheduled with four different subjects.

As for new activities, we tried to give a real taste for design engineering to the students by bringing them to consulting firms: P2S engineering and Syska & Hennessy Group who were kind enough to volunteer their time to the students.

The 30 students from William S. Hart USD, Santa Clarita visited P2S engineering and Cal State Long Beach Central Plant. The feedback given by the teacher, Elizabeth Wilson, was very positive. Unfortunately, the activity at Syska & Hennessy was cancelled due to timing and lack of availability from the schools.

As far as the two other activities, we toured So. Cal Edison CTAC and So. Cal Gas Company, ERC & EAC at their facilities for a great visit. We had 10 students from Citrus College coming with Jim Toda, 13 students from Downey H.S. accompanied by Nancy Nash, career counselor, and 17 students from Valley H.S. in Cerritos accompanied by Paul Fang, physics teacher. Again, the

students were very interested and asked several questions about the engineering profession, the salary, the choice of schools, and the different engineering fields, etc. All were shown the ASHRAE organization video and HVAC educational information that promotes our profession.

By the way, I also heard that we had a notable increase in the percentage of girls from previous years. I think that this is good news for the coming future generation! We have more interest from women!

I would like to thank every ASHRAE member that put their time and effort in order to make this week a success for the future generation of engineers: Cindy Callaway, Eric Yang, Clay Lampman, Ishtiaq Christi, David Kuo and Ralph Panting. Not to mention that without the help from our hosts, these events would have never happened. Thank you to Cindy Callaway, Randall Higa, Rod Schwedler, David Stevens, Richard McLeod and Russ Lieu for their time and help.

If time goes as fast as this year, we better start to get ready for next year's engineering week...

Hope to see you all again next year!

Southern California Chapter

# SPRING GOLF TOURNAMENT



Brookside Golf Club, Course #1  
Pasadena

**WEDNESDAY, APRIL 21, 2004**

*Time: Sign in at 10:00 a.m.*

*Shotgun start at 11:00 a.m.*

*Banquet & Dinner to follow*

*Limited to 144 golfers*

*Fee: \$130 per player*

*Dinner only: \$40 per person*

*Format: 4 Man/Woman Scramble*

*Awards: Golf Awards, Door Prizes, & Raffles Prizes*

*Donations: Company golf gifts are encouraged.*

Name

Company Phone

S.C.G.A. Handicap

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2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

Group Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Corporate Hole Sponsorships Available @ \$125 \$ \_\_\_\_\_

TOTALS \$ \_\_\_\_\_

Golf Chairman: Chad Herrick  
Phone: (562) 944-6341  
Fax: (562) 944-7092

Please make checks payable to SOUTHERN CALIFORNIA ASHRAE  
c/o Chad Herrick  
12046 E. Florence Ave., Santa Fe Springs, CA 90670



# 2004 Installation Dinner Dance

Southern California Chapter



5500 Godbey Drive, La Canada, Ca. 91011  
<http://www.lcfcc.net>

Friday, June 11, 2004 from 6:30 P.M. to 10:00 P.M.

**Event arrangement:**

- 6:30 to 7:00 Unhosted cocktail hour
- 7:00 to 8:00 Dinner- sit down type
- 8:00 to 8:30 Presentation
- 8:30 to 10:00 Dancing and socializing



**Cost:**

- Individual: \$75 per person
- Group of 4: \$280 per group
- Table of 8: \$520 per table

**Dinner choices:**

- Filet of salmon
- Filet mignon
- Cornish hen

Please fill out information below:

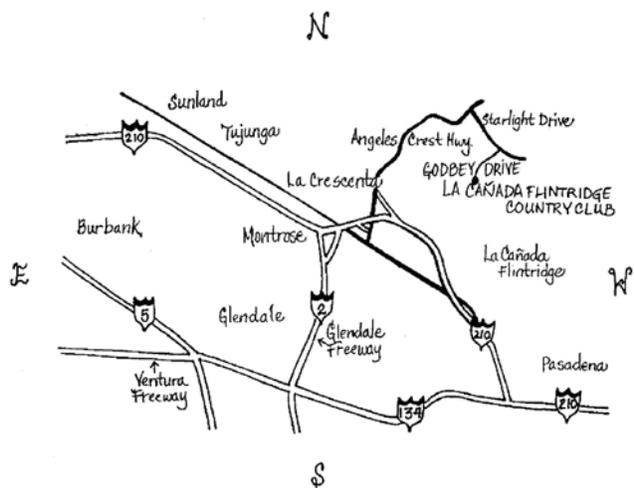
Name \_\_\_\_\_

Number in party \_\_\_\_\_ Total dollar amount \_\_\_\_\_

Menu desired:      Filet of salmon \_\_\_\_\_  
                               Filet mignon \_\_\_\_\_  
                               Cornish hen \_\_\_\_\_

Send the completed information with a check for the total amount addressed to "ASHRAE - Southern California Chapter."

Mail to:            US Airconditioning Distributors  
                           c/o David Kuo  
                           16900 Chestnut Street,  
                           City of Industry, CA 91748



**Directions:**

*From the Pasadena area: Take the 210 Freeway West, exit at Angeles Crest Highway; turn right and go approximately 1.5 miles, turn right on Starlight Crest Drive, proceed to Godbey Dr., turn right. The Clubhouse will be on the left at the top of the hill.*

*From the Glendale/Los Angeles area: Take the 2 Freeway North to the 210 Freeway, exit at Angeles Crest Highway, turn left and go approximately 1.5 miles, turn right on Starlight Crest Drive, proceed to Godbey Dr., turn right. The Clubhouse will be on the left at the top of the hill.*

*From the San Fernando Valley area: Take the 210 Freeway East, exit at Angeles Crest Highway, turn left and go approximately 1.5 miles, turn right on Starlight Crest Drive, proceed to Godbey Dr., turn right. The Clubhouse will be on the left at the top of the hill.*

## PLUMBING SYSTEMS DESIGN COURSE

UCLA Extension is offering a program in Plumbing Systems Design. The first course in the four-part program is being offered starting in April. It is a good course for all details of plumbing systems for residential, commercial and industrial plumbing designers. It is also useful as a refresher in the latest Plumbing Code issues that every plumbing designer needs to know. The series are taught by experienced engineers who are members of ASHRAE and ASPE.

For more details, please go to <http://www.uclaextension.edu>, search for "Plumbing I" and then follow instructions to get a complete description of the first course.

For more information call (310) 206-7259 or e-mail [crector@uclaextension.edu](mailto:crector@uclaextension.edu)

## SOUTHERN CALIFORNIA CHAPTER PROGRAM SCHEDULE

### May 4, 2004

Tech Program: Primary  
Secondary Pumping

Speaker: Mr. Terry Motes

Main Program: Sustainable  
Design

Speaker: Mr. Rob Bolins

### June 12, 2004

Installation Dinner/Dance

### Western Section Programs

- ❖ April 13, 2004: Sportsman  
Location: 53 S. California St.,  
Ventura, CA 93001

- ❖ May 11, 2004: Harry's  
Location: 3313 State St., Santa  
Barbara, CA 93105

- ❖ June 8, 2004 (Open)

## HELP WANTED

Anybody wishing to place an ad in this column for an engineering or other position, please submit your request to:

JOEY JIRON  
Westland Heating & A/C  
1075 Hamilton Rd.  
Duarte, CA 91010  
Phone: (626) 301-4141  
Fax: (626) 301-4149  
e-mail: [jjiron@ars.com](mailto:jjiron@ars.com)

Please make a donation of \$50 per ad made payable to: ASHRAE Southern California Chapter.

## PROJECT DESIGNERS & ENGINEERS

Bard, Rao + Athanas Consulting Engineers, LLC (BR+A), a nationwide MEP consulting firm is looking for project designers and engineers. We specialize in Healthcare, Research Labs, and Academic Facilities - projects that are MEP intensive.

Contact us at 213-593-9062 or through our web page at [www.brplusa.com](http://www.brplusa.com).

## HVAC ENGINEER

EYP Mission Critical Facilities is a premier full-service A-E firm, specializing in the design of data centers, telecommunications facilities, and other applications where continuous operation is essential for client success. We are currently looking for a full-time HVAC engineer in our Los Angeles office, with 10 years experience in the design of central plant and air-side systems, to assume full engineering

responsibilities for projects throughout the western United States.

The successful candidate must have excellent written and verbal communication skills, organizational skills, and proficiency in AutoCad.

EYP offers a friendly work environment, excellent benefits, and opportunity for advancement.

For consideration, please send your resume to [hrla@eypmcf.com](mailto:hrla@eypmcf.com)

## HVAC DESIGN ENGINEER

WESTERN ALLIED CORPORATION, a mechanical contractor, is seeking an individual with 5 to 10 years experience in HVAC design. Position requires working knowledge of the Building and T-24 Energy codes, computer skills including AutoCAD and the ability to work in a team environment.

Fax or Email resume to  
(562)944-7092 or  
[mtaylor@wasocal.com](mailto:mtaylor@wasocal.com)  
attention: Mike Taylor

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Mike Gallagher:  
Fax 562/944-7092;  
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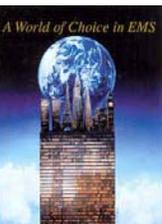


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## DINNER TALK

by David Kuo

Filet Mignon or Grilled Salmon? That was the reception welcome greeting at the March meeting. By popular demand, we are flexing our dinner selection to include past favorites. You'll like our ol' new menu.

Fifty has been the typical Chapter meeting turnout this fiscal year. The March meeting was attended by 45 people. We saw many new faces with lots of interest in the LEED rating system, particularly from a mechanical perspective. If you have asked for a copy of the presentation but did not receive one, please let me know.

On another note, our Chapter meeting attendance this year has not yet surpassed sixty. Let's strive to achieve this in April. Raffle ticket sales are continuing. We generate about \$200 every month from raffle. Remember, all raffle sale proceeds go directly to student scholarship. I hope everyone participates. Lastly, we can use your generosity in bringing in prizes. Thanks in advance, and see you next month!

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## Newsletter of the Southern California Chapter

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

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JODY RUSLING, Executive Secretary

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