

Sol Air

Newsletter of the Southern California Chapter: American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc.
 February 2004 website: www.ashrae-socal.org Vol. 49, No. 6

FEBRUARY 3, 2004 MEETING INFO

Les Freres TAIX

1911 Sunset Blvd., Los Angeles, California

5:30 Technical Forum: Optimized Chillers

Speaker: Mr. Julian de Bullet

6:05 Social Hour (Fun Time!)

6:45 Dinner

\$25 with reservation

\$30 without reservation

\$10 student member

7:45 Main Program: Plan and Spec vs. Design and Build

Speakers: Mr. Larry Sun & Mr. Pete Narbonne

9:00 Meeting Ends

Reservations: Dale Au/Brenda Montmarquet (626) 961-9640, Fax (626) 961-9041 by Mon., February 2, 2004.

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FEBRUARY MAIN MEETING: CLEAN ROOM CONTRACTING

Speakers: Mr. Larry Sun and Mr. Pete Narbonne

Larry Sun is a principal in the firm of Tsuchiyama & Kaino Consulting Mechanical Engineers, joining the firm in 1985, after graduating from California Polytechnic State University in San Luis Obispo with a degree in Mechanical Environmental Engineering. Larry has been involved in numerous projects in the Orange County Area including the Oakley Technical Center, Ford Lincoln Mercury Premier Automotive Group World Headquarters and the Ronald Reagan Federal Building and U.S. Courthouse.

Larry began his involvement in ASHRAE as a student member at Cal Poly. He has served as a Student Activities Chair in the Orange Empire Chapter and the Chair of the Student Activities Grassroots Committee for ASHRAE. For the past five years Larry has also been a member of Technical Committee (TC) 4.1, Load Calculation Data and Procedures, and is currently serving as Vice Chairman for the TC. This TC is responsible for the materials presented in Chapters 28 & 29 Residential & Nonresidential Cooling and Heating Load Calculation Procedures.

FEBRUARY TECHNICAL MEETING: HOW TO PURCHASE AN OPTIMIZED CHILLER

Speaker: Mr. Julian de Bullet

A discussion of options and analyses to make sensible LCC decisions when buying water-cooled chillers. Factors considered will include full load efficiency; part load performance; temperature ranges and condenser water settings to achieve an optimized selection.

(continued on page 2)



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

From the President's Desk

It was great to have Kent Peterson present to our Chapter. Clean Room design has definitely been catapulted to increasing significance and complexity in our industry.

A special thanks to Dawson Co, Sue Ramirez and the Orange Empire Chapter for the door prizes donated at the December Joint Meeting.

Our chapter has a lot of Life Members. These members don't have to pay dues. As of December, these life members chose to donate an extra \$10 to \$25 to our chapter: Hugh Weber, Larry Brink, Gerald How, Roy Chew, Howard Wolfberg, Dean Gaffner, George Hayakawa, Charles Brooks, Robert Lodge, Veron Denny, Joseph Drown, Eugene Danielson, Eli Silon, Sidney Lampert, James B. Thompson, Elmo Boldi, Donald Benkert, Kenneth Watts, Lou Horsefield, Thomas Gilligan, Wayne Thatcher, Lee Hutchinson, Paul Bennett, Arnold Kaufmann, John Zeile, Russell Taylor, Robert Vlick, Edwin Williams, Kanjibhai Patel, John Burri, John Store, William Whitley, Edward Gray, Max Zollman, Robert Arneson, Louis Castro, H. Henry, Elbert Kelly, John Hall, Ted Hanft, Philip Weaver, Mort Kroll, Allan Phillips, Marx Ayres, Clay Lampman, Richard Loman, Tseng-Yao Sun, Bilbir Narang, Robert Bolin, Mark O'Donnell, Saeed Davar, Susan Evans, Richard Kriwanek, Roman Zaretsky, Harold Waterman, Dave McIntyre and David Macready. Thanks to each and every one of you on behalf the Board.

Prepare for controversy! T-K Engineers vs. ACCO! Come learn the pros and cons of design-build vs. specification-based engineering as presented by Peter Narbonne and Larry Sun. Don't miss this meeting.

February Technical Meeting

(continued from page 1)

Julian R. de Bullet has over 25 years experience in the HVAC industry. His career has concentrated on the

applied use of Chilled Water and All-Air systems as a manager of applied equipment sales and as a manager of a service/performance contracting operation.

He is the Senior Applications Manager, HVAC Systems for McQuay International, based in Washington D.C. He is responsible for assisting McQuay customers and McQuay sales representatives in HVAC&R system design and specification.

As ASHRAE Vice President (2001/2003), he served on the Board of Directors and the Executive Committee and was Chair of Member Council and Publishing Council. He is Past President of the National Capital Chapter and was Director and Regional Chair for ASHRAE Region III. He is an ASHRAE Distinguished Lecturer. He is a Graduate of the London University system in England, where he obtained an Electrical Engineering degree and a Diploma in Marketing.

AEEES (THE ASSOCIATION FOR EFFICIENT ENVIRONMENTAL ENERGY SYSTEMS) TO HOST GREEN BUILDING TECHNOLOGIES CONFERENCE

APRIL 6-8, 2004 AT THE KELLOGG WEST CONFERENCE CENTER ON THE CAL POLY POMONA CAMPUS.

Davis, CA - This conference is designed for contractors, builders, engineers, architects, utility staff, and other professionals who want to increase their knowledge of Green Building technologies and expand their role in the industry.

Workshop topics include: energy evaluation systems; geexchange; solar technologies; other green building technologies; building commissioning; the Leadership in Energy and Environmental Design (LEED) Green Building Rating System, focusing on one or more of the four LEED categories--Energy & Atmosphere, Indoor Environmental Quality, Materials and Resources and Water Efficiency.

For more program information or if you wish to learn more about exhibitor/sponsor opportunities, contact Guy Nelson, AEEES Conference Planner, at 541-994-4670 or gnelson181@aol.com.

Presentations will cover the following: LEED Certified Green Building case histories from the Bren Engineering Building at UCSB, as well as the East End and EPA Buildings in Sacramento; water and water efficiency; air quality; recycling and use of recycled materials; green building products and services; geexchange and other HVAC systems; energy efficiency; Green Building comfort, safety, health and efficiency as compared to a conventional structure; and overall green building design, construction, operation, maintenance, and monitoring considerations.

The conference offers highly visible exhibit spaces and sponsorship opportunities. Early registration allows for broader exhibit space location selection.

Contact Barbara Langlais at the AEEES office (Phone: 530-750-0135 or E-mail: info@aeees.org) if you would like to register to attend.

ENERGY INNOVATIONS SMALL GRANT PROGRAM GRANT PROGRAM SOLICITATION NOTICE

NEXT ROUND OF FUNDING
OPENS FOR ENERGY
INNOVATIONS SMALL
GRANT PROGRAM

Proposal Cutoff Date:
January 30, 2004

SACRAMENTO -The California Energy Commission has announced the opening of the 17th solicitation for proposals for the Energy Innovations Small Grant

(EISG) Program. This is the third solicitation for 2003.

Research projects under the small grant program are designed to benefit California electricity consumers through research that establishes the feasibility of advanced and innovative energy concepts in the six PIER program areas, which include:

- ❖ Industrial/Agriculture/Water End-Use Efficiency
- ❖ Building End-Use Efficiency
- ❖ Environmentally Preferred Advanced Generation
- ❖ Renewable Generation
- ❖ Energy-Related Environmental Research

Energy Systems Integration Grants up to \$75,000 will be awarded with terms up to 12 months. The EISG program is currently funded at \$2,400,000/year.

PROJECTED SCHEDULE

- ❖ Pre-proposal Abstracts Accepted (optional):
Through January 9, 2004
- ❖ Grant Applications Received:
Through January 30, 2004
- ❖ Commission Approval of Awards:
Approx. 20 weeks from cutoff date
- ❖ Notification of Awards:
Within 5 business days (email & web site)
- ❖ Begin Executing Agreements:
July 2004

For additional information on the EISG Program visit the Energy Commission Web Site at: www.energy.ca.gov/research/innovations.

The Grant Application Manual for Solicitation 03-03 contains all

of the guidelines and forms for this solicitation. All application documents are available on-line as downloadable files in PDF and MS Word formats on the program's solicitation web page at: www.energy.ca.gov/contracts/smallgrant.

For more information contact the Program Administrator Hal Clark at (619) 594-1158 or hclark@projects.sdsu.edu.

MEMBERSHIP UPDATE

by Ralph Panting

Anyone needing applications or have changes to their personal information, please send it to me at:

Air Conditioning Specialties Co.
850 E. La Habra Blvd., La Habra,
CA 90631

Fax: (562) 697-6296

e-mail:

rpanting@acspecialties.com

SOUTHERN CALIFORNIA CHAPTER PROGRAM SCHEDULE

March 2, 2004

Tech Program: Demand Control Ventilation
Speaker: Mr. Lonnie Lee
Main Program: USGBC/
Leed Affects
Speaker: Mr. Tom Lunneberg

April 6, 2004

Tech Program: Steam Considerations
Speaker:
Mr. Joe Hollingsworth
Main Program: Hospital Design
Speakers: Mr. Bob Okajima,
Mr. Bill Scramton, &
Mr. Matt Volgyi

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

- ❖ November 11, 2003: Harry's
 Location: 3313 State St., Santa Barbara, CA 93105
- ❖ December 9, 2003: Sportsman
 Location: 53 S. California St., Ventura, CA 93001
- ❖ January 13, 2004: Harry's
 Location: 3313 State St., Santa Barbara, CA 93105
- ❖ February 10, 2004: Sportsman
 Location: 53 S. California St., Ventura, CA 93001
- ❖ March 9, 2004: Harry's
 Location: 3313 State St., Santa Barbara, CA 93105
- ❖ 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

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

MECHANICAL/HVAC ENGINEERS

Axiom Engineers, Inc., one of Central California's largest consulting engineering firms, is looking for two experienced engineers for commercial, institutional, and healthcare facility design work. One position is a design engineer in our Monterey office; another is a branch manager for our Napa office. Candidates must be able to develop design concepts, work under general supervision and direction, communicate with clients, and meet deadlines.

Ideal candidates will possess:

- ❖ Outstanding technical and communication skills
- ❖ Ability to work efficiently and effectively with multiple projects and priorities
- ❖ Ability to mentor and train less exp staff
- ❖ Skills required for progressive advancement
- ❖ 5+ yrs exp in HVAC and plumbing engineering
- ❖ AutoCAD proficiency
- ❖ BSME/EIT/PE preferred

Send resume as a Word attachment to: mail@axiomengineers.com

Or mail resume to:
 HR, Axiom Engineers, Inc.
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HVAC Manufacturers' Representative

Jerry Conklin
 jconklin@airtreatment.com

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LOS ANGELES HEADQUARTERS 5900 SEPULVEDA BOULEVARD SUITE 101 VAN NUYS, CA 91411 (818) 385-3600 (310) 277-1865 e-mail dlda@aol.com FAX (818) 990-1669

Donald F. Dickerson P.E./C.I.P.E.

Charlie Ioiemo
 Senior Project Manager
 cioiemo@eberhardco.com

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 Van Nuys, CA 91405-1016
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Charl E. Janeke, P.E.
 MSEng (Mech), HVAC Analyst, Member Ashrae
 REG. #M32054

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LOS ANGELES AIR BALANCE






Eddie Alejandro, P.E.
 President

1904 Arrow Hwy.,
 La Verne, CA 91750

Tel: 909-593-0906
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LOS ANGELES AIR BALANCE

Gabriel Alejandro
 Superintendent

1904 Arrow Hwy.,
 La Verne, CA 91750

Tel: 909-593-0906
 Fax: 909-593-2328

LOS ANGELES AIR BALANCE




Vince Alejandro
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1904 Arrow Hwy.,
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Joey Jiron

1075 Hamilton Road
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 626-301-4141
 FAX: 626-301-4149
 jjiron@ars.com

JANUARY HIGHLIGHTS



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Editor's Office: Westland Heating & A/C
1075 Hamilton Road, Duarte, CA 91010
(626) 301-4141 / Fax: (626) 301-4149
www.ashrae-socal.org



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

Mail Change of Address to:

Southern California Chapter of the American Society of Heating,
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JODY RUSLING, Executive Secretary
1942 Endicott Road, San Marino, California 91108
Fax: (626) 285-9568