



The American Society of
Mechanical Engineers

Editor: Wendy Lorimer
1551 Madison #211
Oakland, CA 94612
Phone: (510) 643-5281
(510) 832-7343

ASME San Francisco Section

Newsletter

January 1992

January Dinner Meeting

Speaker: Byron W. Jones
Kansas State University

Date: Wednesday, January 22

Time: 6:00 No-host cocktails
7:00 Dinner
8:00 Program

Place: Fort Mason Officers Club
(Near San Francisco Marina)
Enter on Bay Street, near Franklin



Cost: \$ 16 Members
\$ 18 Non-Members
\$ 6 Students

Menu: Sole San Franciscan or
Roast Chicken

RSVP: Dennis Lieu (510) 642-4014
by January 17
with choice of entree

THERMAL ENGINEERING for the HUMAN BODY

Byron Jones, professor of mechanical engineering and director of the Institute for Environmental Research at Kansas State University, will discuss thermal engineering for the human body. Professor Jones' research includes quantifying the thermal interaction between people and their environment, the role of clothing in this interaction, and the response of people to environmental stimuli. His talk is part of ASME's Distinguished Lecturers Program.

Next month -- Tour of the San Francisco Bay Model in Sausalito!

ASME San Francisco Section 1991-92 Executive Council

Chairman Dennis K. Lieu (510) 642-4014 (510) 643-5599 FAX	Programs Madeleine Moffitt (510) 527-5810	Government Relations Joseph Frisch (510) 642-3740
Vice-Chairman Rich Myhre (510) 444-8707	Membership Interests Alok Kumar (415) 557-3312	Newsletter Editor Wendy L. Lorimer (510) 643-5281
Treasurer Willard A. Nott (408) 743-2378	Membership Development Rajit Gadhi (510) 6424906	Member-at-Large Eric Worrell (510) 689-4579
Secretary Donald W. Moseman (415) 358-0185	Industrial Relations Marco Bruzzano (510) 620-1604	Member-at-Large Robert B. Raos (510) 357-4610

ASME is offering **FREE** membership to all college freshman. See your ASME faculty advisor, or simply attend the next meeting on campus.

San Francisco Section Executive Council Meetings

1st Wednesday of each month at 6:15 pm
Room 3110 Etcheverry Hall, UC Berkeley

All members are welcome and encouraged to help plan this year's Section activities. Dates subject to change due to holidays and special events. For more information, call Dennis Lieu (510) 642-4014.

MORE UPCOMING EVENTS

BAY AREA TECHNICAL CONFERENCE

"Manufacturing Competitiveness"

Wednesday March 11

Bay Meadows

Hosted by ASME San Mateo Section

Contact: Mehmet Evizi (415) 361-3287

ENGINEERS WEEK

ENGINEERS WEEK BANQUET 1992

Thursday February 20

Hotel Nikko San Francisco

Keynote Speaker: David Kennedy,
California Department of Water Resources

12 Scholarships will be awarded to outstanding high school students. Tau Beta Pi will present the Bay Area Eminent Engineer Award.

Tickets are \$35 each; tables of 10 available for \$350.

Reservations / Information: Gary Fritze
(510) 946-0455

Product Liability Series Continues . . .

This month, the Diablo Section of ASME addresses Product and Design Liability from the Judge's Point of View.

Speaker: Judge Mark Thomas,
Superior Court

Date: Tuesday January 21

Time: 6:00 No-host social hour
7:00 Dinner
8:00 Presentation

Place: Holiday Inn
11950 Dublin Canyon Rd.
Pleasanton

Cost: Mt. Diablo Members \$14.00
Non-Members \$18.00

Reservations: (510) 275-4580 by 3 PM Fri. Jan. 17.

DISCOVER "E" OUTREACH PROGRAM

One of the activities scheduled for National Engineers Week is the Discover "E" Outreach Program, designed to expose elementary, junior high, and senior high school students to engineering. This year, the San Francisco Bay Area Engineering Council is coordinating the local effort to place engineers in area schools. If you would like to participate or assist in planning outreach activities, contact Dennis Lieu at (510) 642-4014.

EIT Review Course

San Francisco State University is offering an evening review course for the EIT exam. The class will meet Mondays and Wednesdays, 7:00-9:45 PM, from February 17 to April 1. Students taking the course will earn 3 CEU credits.

For more information, contact Dr. Ganji (415) 338-7736.

SATELLITE BROADCAST

"Pollution Prevention: Turn Compliance Costs into Production Opportunities"

February 26

Registration / Information: Marci Frimmet
(212) 705-7411
FAX (212) 705-7674



ADDRESS CHANGES? Member Problems and Information? Contact ASME Western Regional Office 1-800-624-9002

*ASME*UC Berkeley Student Section*220 Bechtel Engineering Center*Berkeley, CA 94720*(510) 642-5549*

ASME, UC Berkeley Student Section Interest Survey Form

The UC Berkeley Student Section of ASME would like more involvement with the professional section, meaning YOU! We are interested in starting a **Mentor Program**, where we match up professional engineers with undergraduate engineering students. We will organize the initial contact between you and your student. We are also updating our database of **speakers** and **tours**, and we are interested in your participation at any level. Please note that you need not be a graduate of UC Berkeley to be involved.

Please check the following:

- Yes, I am interested in becoming a **mentor** to a Cal engineering student through the UCB ASME Mentor Program.
- Yes, I am able to **speak** at one of your monthly meetings held throughout the semester.
- Yes, I can lead or arrange a **tour** of my facility or plant.

Personal Information:

Name _____ Company _____

Title _____ Address _____

Work Phone # _____

Electronic Mail _____

Where did you attend college? _____ What is your degree? _____

What type of work do you do? _____

Do you participate in any other community activity? If so, which? _____

How many students would you like to mentor? _____

What are your hobbies or interests? _____

Signature _____ Date _____

Please staple your business card here.

Deadline: Please return this form by Friday 17 January 1992.

Send to: ASME
UC Berkeley Student Section
220 Bechtel Engineering Center
Berkeley, CA 94720

Thanks for your interest in tomorrow's engineers!

Career Opportunity -- Thermal Analysis Staff Engineer

Cadence, a leader in the electronic design automation industry has an immediate opening for a staff engineer. Position will be responsible for developing, adapting and maintaining a full box / rack solution for solving heat transfer and fluid dynamic simulation equations. Your expertise will be instrumental in the advancement of a unique algorithm which is the basis for a fluid and thermal analysis mechanical design software tool. This position will give you the opportunity to apply numerical methods analysis in an environment which provides the challenge of research with the focus of applications development.

Your background should include, but is not restricted to: a Ph.D. in Mechanical Engineering with emphasis in thermal analysis, a strong math background, 4+ years of experience.

Contact: Jonn Nolitt
Cadence Design Systems
555 River Oaks Parkway
SJ1 (408) 944-7708
San Jose, CA 95134 FAX (408) 954-8766

Exceptional Career Opportunity for individual with a BS in Chemical or Mechanical Engineering and 5+ years experience in a process / manufacturing environment. This Operational Technical Assistant will combine technical and business skills as a key team member at a chemical manufacturing site. Extremely high visibility leading ultimately to plant management. Contact Marilyn Gillis at (415) 965-7588.

Advertising Space Available:

\$100 full page
\$50 half page
\$10 business card
\$5 classified (25 word max.)
Contact Wendy Lorimer (510) 643-5281

JOB BULLETIN 1-800-624-9002

MEMBERS

Looking for a job? Contact the ASME Western Regional Office to obtain a copy of the Job Bulletin.

COMPANIES

Looking for mechanical engineers? Contact the ASME Western Regional Office to place a free listing in the Job Bulletin, or to obtain information regarding advertising in *Mechanical Engineering* magazine.

Recent MSME seeks immediate opportunity in the area of applied mechanics. Can solve a wide variety of Solid/Fluid/Heat transfer problems using general purpose structural and fluid mechanics programs. Hands-on with AutoCAD, FEA, and FORTRAN. Contact Surrender at (415) 969-1561.