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Newsletter

April 1992

April Dinner Meeting

Providing Computational Support for Concurrent Engineering

Speaker: Mark R. Cutkosky
Dept. of Mechanical Engineering
Stanford University

Date: Wednesday April 22

Time: 6:00 No-host cocktails
7:00 Dinner
7:45 Program

Location: Alameda Officer's Club
Squadron Room

Menu: Roast Beef or Mahi Mahi

Cost: \$15 members
\$17 non-members
\$ 5 students

RSVP: Dennis Lieu (510) 642-4014
by April 17

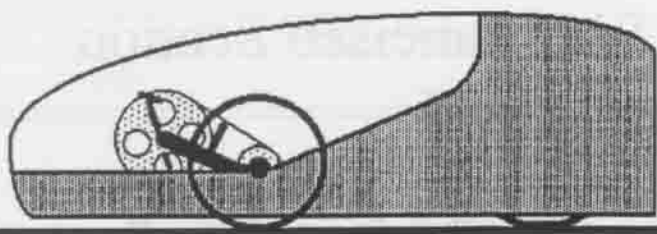
This talk will explore issues associated with providing computational support for concurrent product and process design, including requirements placed on the system architecture, the representations of designs and processes, and the operation of software modules within the system. A couple of prototype systems developed at the Center for Design Research at Stanford will be used to illustrate how some of these requirements can be met. Among the most important attributes of these systems are a modular, event-driven approach to incorporating and invoking modules as they are needed; declarative, hierarchical representations of designs and plans with explicit dependencies; and an incremental style of planning and analysis that minimizes the overhead associated with repeated invocations as different modules interact. The talk will conclude with an exploration of extensions required to scale such prototype systems up to provide more general support for concurrent engineering.



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. For more information, call Dennis Lieu (510) 642-4014.

Address Changes, Member Problems and Information. Contact ASME Western Regional Office 1-800-624-9002



ASME 1992 HPV COMPETITION

ZOOMIN IN THE SAN JOAQUIN VALLEY

The annual Human Powered Vehicle Competition will be held the week-end of April 24-26 at University of the Pacific in Stockton, CA. This is a national competition, so come out and cheer for our teams from UCB and SF State. Competition begins Friday night with Static Judging. Sprints will be held on Saturday, and the Road Race on Sunday. Members interested in car-pooling to the race should contact Madeleine Moffitt (510) 528-3972.

May 13 Dinner Meeting w/ Mt. Diablo
Topic: BART Extension



Bay Area Conferences Cosponsored by Japanese Engineering Societies

ELECTRICAL and ELECTRONIC PACKAGING CONFERENCE

April 8-12, 1992
Sheraton Silicon Valley, Milpitas

sponsored by ASME & JSME (Japan Society of Mechanical Engineers)

Special discount for members of local ASME sections.
Contact Steve Magie at (408) 256-2610

SYMPOSIUM on FLEXIBLE AUTOMATION

July 13-15, 1992 in San Francisco

sponsored by ASME & Institute of Systems, Control, and Information Engineers of Japan

Contact ASME Meetings Department (212) 705-7788

Employment Opportunities

ASME Job Opening

ASME is currently recruiting for a new position in the Member Affairs Directorate. Applicant should be a dynamic hands-on leader with excellent management skills, who will play a key role in identifying and managing new member services and delivery methods. Ten years of experience as a practicing engineer or technical association manager, and an undergraduate degree (engineering or science preferred) are required, and an advanced degree in management or marketing is highly desirable. This position will involve frequent travel. Send resume with salary history and requirements to: Director of Human Resources, ASME
345 East 47th Street
New York, NY 10017

ENGINEER / ANALYST

Engineer with strong background in thermodynamic analysis, preferably in commercial fossil-fuel power stations, including gas turbines, combined cycles, cogeneration, HSRs, and combustion. Candidate must be proficient in FORTRAN and capable of performing numerical analyses of mathematical models for systems and components found in power systems. Analysis background should include experience in fluid dynamics, heat transfer, and mechanical dynamics and controls. Project Management experience in a consulting environment is an advantage, as is previous experience with modular modeling systems. Prefer experience in C-programming and OS/2. Send resume and salary history to:

G.A. Freund
Science Applications International Corp.
P.O. Box 50697
Idaho Falls, ID 83405-0697

Or, contact Bryce Johnson, SAIC, (415) 960-5936

SATELLITE BROADCAST

Engineering Data Management: An Enterprise Resource

April 29, 11 AM - 5 PM EST

Broadcasts may be viewed at any location with KU-Band or C-Band satellite reception. Registration authorizes an unlimited number of persons at your site to view the program live and/or on videotape. Call Marci Frimmet (212) 705-7411 for more information.



Advertising Space Available: \$100 full page
\$ 50 half page
\$ 10 business card
\$ 5 classified (25 words)

Contact Wendy Lorimer (510) 643-5281

STAPLES

ASME San Francisco Section Executive Council Ballot

Dennis Lieu
5144 Etcheverry Hall
Department of Mechanical Engineering
University of California
Berkeley, CA 94720

FOLD

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

ASME Student Section at UCB is looking for professionals to participate in their Mentor Program

If you are interested in becoming a mentor to a Cal student, speaking at a student section meeting, or arranging a tour of your facility, complete the form below, attach your business card, and return it along with your ballot.

UCB MENTOR PROGRAM INTEREST SURVEY

FOLD or CLIP

- I am interested in becoming a mentor to a Cal student.
- I am interested in speaking at one of your monthly meetings.
- I can lead or arrange a tour of my facility.

STAPLE YOUR BUSINESS CARD HERE

Name _____ Company _____

Title _____ Address _____

Work Phone _____

E-Mail _____

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

What type of work do you do? _____

How many students would you like to mentor? _____

What are your hobbies or interests? _____

Signature _____ Date _____

1992-93 ASME San Francisco Section Executive Council Ballot

Chair

____ Rich Myhre

Treasurer

____ Eric Broadhurst

Vice-Chair

____ Willard A. Nott

Secretary

____ Donald W. Moseman

CLIP AND RETURN BALLOT