

# SAN FRANCISCO SECTION THE AMERICAN SOCIETY MECHANICAL ENGINEERS



The San Francisco Section ASME is an organization where you will meet good people; some you can learn from, some who can learn from you. We who participate find our experiences rewarding. We learn things we would not otherwise learn; we meet people we would not otherwise meet; and we find friends we would not otherwise find. We become more effective than we would otherwise be.

Join us at a dinner meeting. You can be as active as you choose to be.

March 1988  
Newsletter

Eugene Vilain, Editor  
3935 Canon Ave., Oakland, CA 94602

Note: The Society shall not be responsible for statements or opinions advanced in papers or in discussion at meetings of the Society or of its Divisions or Sections, or printed in its publications.

## BAY MODEL TOUR

Attention Members and Guests: Join the A.S.M.E. San Mateo Section for a picnic lunch and tour of the Army Corps of Engineers' 1.5 acre indoor Bay Model in Sausalito.

**WHEN:** Saturday, March 12. Picnic at 12:00 PM. Tour 1:00 - 2:30 PM.

**WHERE:** Picnic at Dunphy Park, on the waterfront at Litho St. and Bridgeway in downtown Sausalito. Tour at the Bay Model, 2100 Bridgeway, Sausalito. SEE MAP.

**COST:** \$7.00 per person for sandwich, chips, fruit, cookies, and choice of soda or beer. Lunch is optional.

**REGISTRATION:** Send completed registration form and check for \$7.00 per person to Richard W. Klopp, A.S.M.E. San Mateo Section, 1334 Norman St., Redwood City, CA 94061, **BEFORE MARCH 5.**

**QUESTIONS?:** Call Rich Klopp @ (415) 859-6482 (work) or (415) 368-7133 (home).



## 36th Annual Technical Divisions Conference

Sponsored by the Mt. Diablo Section

**MICROCOMPUTER BASED  
ENGINEERING SOFTWARE —  
EXPERIENCE & BENEFITS**

Conference 8:00 to 3:15  
Exhibits 11:30 to 6:00

Friday, March 25, 1988  
Foster City Holiday Inn

"Microcomputer based Engineering Software — Experiences and Benefits" presents a group of highly qualified speakers who will discuss how their engineering efforts have been effected by microcomputers. Their shared experiences are aimed at providing users and middle managers an opportunity to broaden their knowledge of software capabilities. Panel discussions are incorporated into the program in order to provide diversity and encourage maximum audience participation. Exhibit area will include hardware and software demonstrations by many of the top software vendors.

For registration/information, contact:

**TIM RAU**  
P. O. Box 808, L-125  
Lawrence Livermore Nat'l. Lab.  
Livermore, CA 94550

Mail-in registration due by March 21st.

### A.S.M.E. Reservation form due March 5, 1988.

**Member Name:** \_\_\_\_\_  
**Work Phone:** \_\_\_\_\_ **Home Phone:** \_\_\_\_\_  
**Number of Persons Attending:** \_\_\_\_\_  
**Amount Enclosed @ \$7.00 per Person:** \_\_\_\_\_

**Send to: A.S.M.E. San Mateo Section, C/O R.W. Klopp, 1334 Norman St., Redwood City, CA 94061**

### COMING ATTRACTIONS

**April** — Crab Feed with students at U.C. Berkeley

**May** — Tour of Gas Turbine Cogeneration Plant at U.C. Berkeley

## LIST OF COMPANY REPRESENTATIVES

(All area code 415 unless listed otherwise)

<b>Babcock &amp; Wilcox</b>	Cal Mock	947-1100	<b>Lockheed</b>	Bill Nott	(408) 743-2350
<b>BART</b>	Joe Van Overveen	464-6183	<b>Consultants in Engr. Acoustics</b>	Tom Norris	391-2158
<b>Bechtel</b>	Julia Gee	768-6573	<b>Naval Facilities Eng. Command</b>	Don Valentine	877-7325
<b>Chevron Research</b>	Manuch Nikanjam	620-2741	<b>PACO Pumps</b>	Mervyn Lee	639-3249
<b>Coen Co.</b>	Jim Klee	697-0440	<b>Peterbilt Motors Co</b>	Lance Hurd	790-4057
<b>Mare Island Naval Shipyard</b>	Todd Hancock	(707) 646-4371	<b>Peterson &amp; Co</b>	David Korzec	768-0366
<b>EBMUD</b>	Priscilla Johnson	835-3000	<b>PG&amp;E</b>	Eric Worrell	634-0100
<b>EG&amp;G</b>	Charlie Simkins	838-3421	<b>Physics International</b>	Pius Chao	577-7147
<b>ERIN Engineering</b>	Alan Horn	943-7077	<b>Robert L. Cloud Assoc.</b>	Robert Cloud	841-9296
<b>Evans &amp; Sutherland</b>	Don Mullen	969-9300	<b>Sverdrup &amp; Parcel</b>	Jim Lehman	392-8927
<b>Failure Analysis Assoc.</b>	Steve Werner	681-3971	<b>IMO DeLaval, Engine Division</b>	Chuck Carmichael	577-7544

## CONGRESSIONAL FELLOW APPLICATIONS

Members of the American Society of Mechanical Engineers who are interested in working for a year with the United States Congress are invited to contact the ASME Federal Government Relations Department to apply for the 1989 ASME Congressional Fellow program.

Sponsored annually since 1973, the program provides opportunities for mid-career engineers to bring their expertise to the Congress by working on the staff of a Congressional committee or of a Member of Congress. ASME will select one Congressional Fellow to receive a stipend equal to one half salary up to a specified maximum and the Society will consider sponsoring additional Fellows who apply with full support from their employers. The Fellows will serve from September 1988 - August 1989 or January-December 1989 at the individual's option.

For further information contact Jennifer Curtin of the ASME Federal Government Relations Department in the Washington, D.C. office. All applications must be received by April 1, 1988.

## ADMINISTRATIVE SUPPORT REGIONAL DIRECTOR OF PROFESSIONAL SOCIETY

American Society of Mechanical Engineers seeks mature-minded, detail-oriented individual capable of shouldering a variety of key responsibilities in the office of its Regional Director. The right person will direct activities ensuring efficient field office operations; respond to oral/written inquiries from society members and other sources; and support work of several committees.

Position involves maintenance of up-to-date regional data bases, mailing lists, and special projects. Administrative experience, WP skills (Word Perfect and/or Wang) and ability to communicate clearly, takes initiative and work independently are essential. Attractive salary and benefits. Marin County location. Send resume and salary requirements to: Send replies

**ASME WESTERN REGIONAL OFFICE**  
**PARK MARIN OFFICE CENTER**  
21 Tamal Vista Blvd. #137, Corte Madera, CA 94925

## MANUFACTURING REVIEW JOURNAL PLANNED

ASME plans to publish a new quarterly journal, *Manufacturing Review*, for designers, developers, users, researchers and managers of modern integrated manufacturing technology. The first issue will appear in April 1988.

The journal is part of the ASME's Manufacturing Science and Technology Program, a comprehensive, long-range program aimed at advancing the development of a science base for manufacturing.

*Manufacturing Review* will cover the design and application of discrete-goods manufacturing processes and serve as a forum for original work important to the heavy durable goods, electronics, transportation and other manufacturing sectors.

Publication of archival articles and broad assessments of current trends will aid in implementing the transition from manufacturing related research results to application. The entire spectrum of automation problems, including management and economic issues in contemporary and future manufacturing practices, will be covered.

Specific areas of interest include manufacturing systems — design, integration and control; product and process design, and management and economics.

Articles will cover diverse topics including design for manufacturability, manufacturing in space, flexible automation, product cycle time, process measurement, life cycle cost management, simulation and modeling process design and knowledge based design of manufacturing processes and systems.

Subscription rates are: ASME members \$24, non-members \$36, foreign additional \$12 and foreign airmail additional \$28. For more information contact ASME Order Department, 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300.

### ASME Conferences Planned

Flexible Automation Conference  
Heat Transfer Conference & Exhibition  
Computers in Engineering Conference & Exhibition  
Energy Conversion Conference  
Cogen-Turbo Conference & Exposition

### When

July 17 - 20  
July 24 - 27  
July 31 - Aug 3  
July 31 - Aug 5  
Aug 30 - Sept 1

### Where

Hyatt Regency, Minneapolis, MN  
Hyatt Regency, Houston, TX  
Hilton Hotel, San Francisco, CA  
Marriott Hotel, Denver, CO  
Montreux, Switzerland

### For Further Information Contact

ASME Meetings Dept., 212-705-7793  
ASME Exhibits Dept., 212-705-7117  
ASME Meetings Dept., 212-705-7788  
ASME Meetings Dept., 212-705-7057  
ASME International Gas Turbine Institute,  
404-451-1905. Telex 707340 IGTC ATL  
ASME Technical Affairs Dept., 212-705-7284  
ASME Meetings Dept., 212-705-7788  
ASME Meetings Dept., 212-705-7788  
ASME Meetings Dept., 212-705-7793

Textile Engineering Conference  
Mechanisms Conference  
Design Automation Conference  
Power Generation Conference

Sept 21 - 23  
Sept 24 - 28  
Sept 24 - 28  
Sept 25 - 29

Myrtle Beach, S.C.  
Hyatt Regency, Orlando, FL  
Hyatt Regency, Orlando, FL  
Wyndham Franklin Plaza, Philadelphia, PA

## CALL FOR PAPERS POWER TRANSMISSION AND GEARING CONFERENCE

The 5th International Power Transmission and Gearing Conference, sponsored by the American Society of Mechanical Engineers (ASME) will held April 25-27, 1989, at the Hilton Hotel, Chicago.

Papers are solicited in the areas of couplings and clutches, chains, belts and gear geometry, noise, manufacture, inspection, scoring, lubrication and wear, materials, efficiency, rating, dynamics and applications and system diagnostics.

Abstracts of 100 to 200 words should be submitted by March 30, 1988, to Donald Borden, P.O. Box 502, Elm Grove, Wis. 53122.

## CALL FOR PAPERS FLUIDIZED BED COMBUSTION CONFERENCE

The 10th International Conference on Fluidized Bed Combustion, jointly sponsored by the American Society of Mechanical Engineers (ASME), the Electrical Power Research Institute and the Tennessee Valley Authority, will be held April 30 to May 3, 1989, in San Francisco.

Papers are solicited in the areas of atmospheric or pressurized fluidized bed applications, fuels, sorbents, research and development fundamentals, components and advanced concepts. The deadline for 250-300 word abstracts is May 25, 1988.

For further information contact Leslie Friedman, FBC Conference Coordinator, ASME, 345 E. 47th Street, New York, NY 10017.