

SAN FRANCISCO SECTION THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS



MARCH, 1979

NEWSLETTER

ALLAN CHAN 415/781-4211, Ext. 3498 Editor

MARCH MEETING

Date: MARCH 15, 1979.
Place: PG&E Cafeteria — 77 Beale Street, Third Floor, San Francisco.
Dinner: 6:00 P.M.
Program: 7:00 - 8:30 P.M.
Title: "ASME in the Federal Government"
Description: This meeting with Mitch Bradley, Assistant Director, Federal Government Relations, American Society of Mechanical Engineers, is an unusual opportunity to find out about engineers on the Washington scene at the Federal level. A few of the questions that will be addressed to Mr. Bradley will be: Why does ASME have a Washington office anyway? How does it work? With whom does it work?
Reservations: Sandya Farley — 415/828-4200, Ext. 262.

WOMAN'S AUXILIARY ASME

MARCH 13, 1979 — Tour to PG&E Research Development Geodesic Dome in Danville at 10:30 A.M. with lunch following at Dan McGrew's. If interested, call Mrs. Roat at (408) 297-6749 for reservations.

ASME BAY AREA TECHNICAL CONFERENCE

"CHALLENGES OF THE AIR"

Engineering successes in meeting the challenge of flight and air powered travel.

The Conference will include talks and discussion of technical accomplishments presented for an audience of laymen.

Some of the talks scheduled are:

"The Transatlantic Balloon Flight" — Last summers' world news headline success

"Windships, Modern Freighters Under Sail"

"Lessons from the Pioneer Series" — America's recent space flight experience

Conference Date: APRIL 20, 1976

Place: OAKLAND HILTON INN (near the airport)

THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

24th Annual International Gas Turbine Conference and Exhibit

San Diego Convention & Performing Arts Center — San Diego, California, U.S.A.

MARCH 11 — 15, 1979

LARGEST TECHNICAL PROGRAM IN THE HISTORY OF GAS TURBINE DIVISION
WITH OVER 200 PAPERS EXPECTED.

SOLD OUT EXHIBIT HALL FEATURING THE LATEST IN
GAS TURBINE MANUFACTURING TECHNOLOGY.

PROFESSIONAL DEVELOPMENT PROGRAM OFFERED INCLUDING A BASIC GAS TURBINE COURSE
IDEAL FOR USER PERSONNEL. CEU CREDITS AWARDED.

The 24th Annual International Gas Turbine Conference and Exhibit in Delightful San Diego, California, promises to be one of the best in the history of the Gas Turbine Division. If you are involved in the Gas Turbine Industry or if your company uses Gas Turbines... YOU NEED TO BE THERE...!!!

A series of short courses, sponsored by the Gas Turbine Division of ASME, will be offered during this conference. The registration fee for each course will be \$100.00 for ASME Members who register prior to March 1, and \$125.00 for Non-members and on-site registration. The course outline is as follows:

- Heat Exchanger Systems—Functions and Types
- Heat Transfer and Pressure Drop Analysis
- Surface Selection
- Header Design and Flow Distribution
- Heat Exchanger Design Procedure—An Overview
- Surface Basic Heat Transfer & Flow friction Characters.
- Optimization of Heat Exchanger Design
- Illustrative Example of Heat Exchanger Design
- Transient Response of Heat Exchangers

EMPLOYMENT NEWS

APPLIED THEORY ASSOCIATES (MECHANICAL ENGINEER)

Live in beautiful Oregon's Willamette Valley. Have big city advantages in friendly, college-town atmosphere. We offer you not just a job, but a place with us as we grow. Excellent benefits and competitive salary commensurate with experience.

Qualified applicant will possess experience in the following areas: Hydraulics, Machine Design, Welding, Automatic Control Equipment, AC/DC motors and familiarization with digital equipment. B.S.M.E. degree is a minimum requisite. The ideal candidate will also possess a B.S.E.E. degree, computer experience and familiarization with Fortran and assembly language. The individual selected for this position will be doing mechanical designing, checking proposed designs, troubleshooting mechanical systems, and traveling to our sawmill customer's site.

We are nestled between the Pacific Ocean and Cascade Mountains, in a beautiful healthy environment. Please send resume to:

Francine Counihan — Personnel Supervisor
Applied Theory Associates
150 NW Lewisburg Road, Corvallis, OR 97330 • 503-757-1181

HEXCEL

HEXCEL, a high technology corporation, is seeking talented engineers for positions that have opened due to our rapid growth.

MANUFACTURING ENGINEER: Reno, Nevada. Reports to the plant engineer. Requires light experience in process and equipment improvement and new equipment justification. Promotable individual will have practical engineering experience.

PRODUCT ENGINEER: Dublin Medical Implant Facility. Requires some experience in the engineering of medical products, preferably orthopedics. Will work from specification drawings through final production on new technology products.

PLANT ENGINEER: Reno, Nevada. Will supervise other engineers and maintenance personnel. Concentration will be in tooling, pneumatics and hydraulics and experience should be hands-on in these areas. This is a highly visible and responsible position.

PRODUCTION SUPERVISOR: Livermore, California. Reports to the Plant Manager and requires and individual with recent experience in production methods, training and production control. Will interface with process engineer to solve problems and improve production. Experience with epoxy and adhesive products is a plus.

Interested individuals may reply in confidence to N. Frenley (415) 828-4200, Ext. 287, or to Hexcel Corporation, Personnel, 11711 Dublin Blvd., Dublin, CA 94566.

TECHNICAL EXPERTISE POOL

YOUR TECHNICAL EXPERTISE IS NEEDED...!!

A newly established Energy Initiative Program, under the inter-society Coordinating Committee on Energy, is undertaking the preparation of six position papers: (1) Conservation; (2) Coal and Other Solid Fuels; (3) Nuclear Energy; (4) Oil and Gas; (5) Shale Energy; and (6) Long Range Energy Planning.

Mr. Dudley E. Ott is the ASME State Coordinator for this program, maintaining the information flow between the public, technical societies, and the state and federal governments. The program will offer technical expertise in energy matters to state and national legislators through the interested membership of Societies like ASME. If you are willing to participate in this technical expertise pool, please complete the form below and return by March 19, 1979 to:

Professor C.D. Mote Jr. — Department of Mechanical Engineering
University of California, Berkeley, California 94720