

# SAN FRANCISCO SECTION THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS



NOVEMBER

NEWSLETTER

PAUL H. GARBARINI 415-764-3310 Editor

WEDNESDAY, NOVEMBER 12, 1975  
SOCIAL HOUR 6:00 PM  
DINNER 7:00 PM  
TALK 8:00 PM

BENJAMIN FRANKLIN HOTEL  
44 EAST THIRD AVENUE  
SAN MATEO

## BAY AREA IN 1776 AUSTEN D. WARBURTON

This will be a joint meeting with the Santa Clara Valley Section, the Mt. Diablo Section, and the Women's Auxiliary. The speaker, Mr. Warburton is a former Professor of Law at The University of Santa Clara and Chairman of the Archaeological and Historical Research Committee of that University. Mr. Warburton's legal education was at The University of Santa Clara and he was admitted to the California bar in 1941 and now practices in San Jose. Mr. Warburton is a descendant of such early day Californians as Jose Ortega (discoverer of San Francisco Bay) and Governors Jose Dario Arguello and Luis Antonio Arguello (Spanish and Mexican governors of California, respectively). He is a Past President of the California Pioneers of Santa Clara County, a member of many archaeological and historical organizations, and has written and lectured extensively in the fields of California and Southwestern archaeology and history. He has also served with distinction on many civic and youth activity Boards and Councils and was named "Mr. Santa Clara, 1970" by the Santa Clara Chamber of Commerce and "Lawyer of the Year, 1971" by his alma mater.

The prime rib dinner including salad, beverage and sherbert will be \$7.50 each including tax and tip.

**RESERVATIONS ARE REQUIRED BY SUNDAY, NOVEMBER 9.**

Call Mrs. Edward Pipes, (408) 253-9688, or Mrs. Donald Wilson, Walnut Creek, (415) 939-4138.

TUESDAY, NOVEMBER 11, 1975  
SOCIAL HOUR 5:30  
DINNER 6:00  
MEETING 7:00

PACIFIC GAS AND ELECTRIC  
DINNER: CAFETERIA, 77 BEALE STREET  
MEETING: CONFERENCE ROOM A & B  
245 MARKET STREET  
SAN FRANCISCO

## SOLAR ENERGY DEVELOPMENT NATIONAL PLANS AND LOCAL PROJECTS

This meeting will feature a presentation on the recent developments in the United States Energy Research and Development Administration's (ERDA) Solar Energy Program. ERDA Solar Energy Program covers several technology areas including heating and cooling of buildings, solar photovoltaic conversion systems, solar thermal electric conversion, ocean thermal energy conversion, wind energy conversion and fuels from biomass.

The presentation will be made by Dr. Robert M. Little, Acting Deputy Director, Space and Energy Program Office, San Francisco Operations Office, ERDA. Dr. Little has received M.S. and Ph.D. in Applied Mechanics from University of Virginia. Before formation of ERDA, he was with Atomic Energy Commission.

Dr. Little will discuss ERDA plans for implementing its programs in terms of research and development, demonstration and technology utilization. In addition, Dr. Little will provide a description of some of the solar energy projects, including test facilities and central receiver power plants, being sponsored by ERDA in California and other parts of the western United States.

This is a joint meeting IEEE, ASME, and The Power Engineering Society.

**RESERVATIONS ARE REQUIRED:**

Carol Franke, PG&E, 415-781-4211, Extension 1442.

THURSDAY, DECEMBER 4, 1975  
SOCIAL HOUR 6:00  
DINNER 7:00

SILVER DRAGON RESTAURANT  
835 WEBSTER STREET (NEAR 8th)  
OAKLAND.

## RECENT DEVELOPMENTS IN VIBRATION AND SHOCK TESTING

BY WAYNE TUSTIN

Once used mainly as a reliability tool in armaments, weapons, missiles and high-performance aircraft, dynamics testing is now used to good effect in other fields. Examples: nuclear power plants, automobiles, ships, consumer goods. Theory and mathematics will be minimized; current examples of dynamics testing, measurement and analysis will be shown via slides and will be discussed with ample time for discussion.

The speaker Mr. Wayne Tustin, founder (in 1962) and president of Tustin Institute of Technology, Santa Barbara, is an internationally known lecturer and consultant in dynamics testing.

Dinner will be an authentic Chinese Banquet for \$7.00 per person.

**RESERVATIONS REQUIRED BEFORE 4:30 PM, DECEMBER 2, 1975  
CALL 415-835-3000, EXTENSION 456.**

### 1976 MEETINGS

January 15 — Tour of Eagle Machinery, Co.  
February — Technical Division Conference  
March 18 — EBMUD, Mr. Brian McRae

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Continued

### ASME NEEDS YOUR HELP

Decisions must be made now on the subjects and questions which will affect the course that ASME will take over the next decade. They are hard questions on tough topics. We would like to have your help in making these decisions - but they must be made. The choice is yours. If you want to have an input on matters which will directly affect your career, let us hear from you. If you are among the 8500 members randomly picked to be polled in the October survey, please take the time to fill it out and return it. An article in October's MECHANICAL ENGINEERING magazine will provide information you may find useful in making a reasoned judgment on the questions asked. Read this article. Whether you are selected for the survey or not, write or call Jack Munro, chairman of the Member Interest Committee and give him your feelings on these matters. His address is:

J. F. Munro  
Kaiser Engineers  
300 Lakeside Drive  
Oakland, CA 94666  
or Telephone: 415-271-4309

Talk it up using the article as a catalyst. Let your voice be heard. Don't let someone else determine the destiny of your profession and career.

### NATIONAL MEETINGS THIS FALL

October 21-23 — Joint Lubrication Conference, Miami, Florida. November 30 - December 5 — Winter Annual Meeting, Houston, Texas.

### NEWSLETTER

A. Are you receiving your newsletter on time? If not, please contact Phil Nishikawa 415-562-2773.  
B. If you know of information that should be included in this newsletter send it to:  
Paul H. Garbarini, 50 Beale Street, San Francisco, Calif. 94105.

Information for the December newsletter must be in the hands of the publicity chairman not later than November 3, for the December newsletter and December 17, for the January edition.

### ASME - San Francisco Section Officers 1975-76.

Chairman . . . . . Phil Nishikawa, Ph. (415) 562-2773  
Vice Chariman . . . . . Earl Persson, Ph. (415) 835-3000, x 359  
Secretary . . . . . John Sale, Ph. (415) 781-4211, x 1896

Treasurer . . . . . Dan Mote, Ph. (415) 642-2544  
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Al Thurman, Ph. (415) 271-5268