

# SAN FRANCISCO SECTION THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS



JANUARY 1974

NEWSLETTER

PHILIP T. NISHIKAWA, Editor

## JANUARY MEETING NOTICE

DATE: January 17, 1974

SCHEDULE: 6:00 p.m. - Social hour  
7:00 p.m. - Dinner  
8:00 p.m. - Speaker

PRICE: \$7.00

LOCATION: His Lordship's Restaurant, on the Berkeley Marina, foot of University Avenue, Berkeley, California.

PROGRAM: Mechanical Grape Harvesting

SPEAKER: Mr. Darrel Horn, General Manager of Upright Harvesters, Division of Upright Inc.



Mr. Horn has a BS Degree in Mechanical Engineering from Oregon State University earned in 1961. He also has an MBA of Business Administration from the University of California, Berkeley, earned in 1967. He has been involved for six years in the development of the Grape Harvester Program, all the way from participating in the design and having some of his ideas patented, through the sale and promotion of the equipment in the field.

He will specifically discuss design of mechanical grape harvesting, the origin of the design ideas, and the development of these ideas from the experimental stage through commercial field use.

## RESERVATIONS:

Please phone for reservations by January 15, 1974, either —

Wendell Parker — 841-0123 or  
Mike Bobeczko — 483-8001

## MATERIAL HANDLING ENGINEERING TECHNICAL DIVISION

The Material Handling Technical Division of the San Francisco Section of ASME was formed last year. Since economical and proper materials flow is so essential to any manufacturing venture, it is expected this Section will have wide appeal. After all, whenever we handle something we add to its cost, but nothing to its value.

All members of the San Francisco Section, as well as those from Santa Clara, Mt. Diablo and Sacramento are cordially invited to the meetings of the Materials Handling Engineering Division.

Meetings are generally held the first Tuesday of each month at The Elegant Farmer in Oakland. Subjects presented in the past have included Catenary Bucket Unloading, Container Handling and New Conveyor Belt Applications. In the future it is intended to discuss Bucket Wheel Unloaders, Continuous Weighing Systems, Automated Warehousing, and as many other subjects as any of our members might suggest.

Please watch ASME Newsletters for future meeting announcements.

## SCHEDULE OF COMING ASME EVENTS — 1974

Jan. 29-31 Reliability and Maintainability Symposium  
Biltmore Hotel, Los Angeles, California  
Fee: \$55.00 advance registration for members which includes banquet and proceedings. For advance registration send name, address, society affiliation, and check to:

Dr. W. R. Abbott  
27899 Via Ventana  
Los Altos Hills, California 94022  
Phone: (408) 742-3456

Feb. 20-21 National Conference on Standards for Environmental Improvement.  
Marriott Twin Bridges Hotel, Washington, D.C.  
Sponsored by ANSI, ASTM, and ASME.  
For further information contact:

Mr. Maurice Jones, ASME  
United Engineering Center  
345 E. 47th Street  
New York, NY 10017.

Feb. 25-27 Joint Engineering Legislative Forum  
Sheraton-Park Hotel, Washington, D.C.  
Registration Fee: \$60.00  
For further information write to:

NSPE  
2029-K St., N.W.  
Washington, D.C. 20006

Apr. 2-4 ASME-IEEE Joint Railroad Conference  
Theme: "Rail Transportation — Energy Crisis Superstar"  
Hilton Hotel, Pittsburgh, Pa.  
For further information contact:

Mr. Paul Drummond, ASME  
United Engineering Center, ASME  
345 E. 47th St.,  
New York, NY 10017  
(Ph. 212-752-6800).

## ASME DELINQUENT NATIONAL DUES: Are you delinquent???

The latest report from the ASME National Membership Committee reveals that 211 of San Francisco's 995 total membership have not paid their national dues for 1973-1974. This is very high compared with other sections of ASME.

Our Society must have dues paid on time in order to provide the services and framework within which we can advance professionally. I am sure everyone is aware that our ASME dues have not increased although inflation continues to erode the value of our dollar. This has been partially offset by a number of our fellow members who have voluntarily increased the amount of their dues payment. Please get those checks in the mail this week to ASME Headquarters and erase that delinquency. If anyone has any questions or comments about their ASME membership, please give me a call.

Morton W. Thomson, Chairman  
Membership Development Committee  
DYMO INDUSTRIES, INC.  
91 Bolivar Drive  
Berkeley, CA 94710  
Telephone: (415) 849-0450

P.S. Our S.F. Section dues of \$2.00, a voluntary fee, may be sent to our Treasurer, Mr. J. A. Bailey, c/o DeLaval Turbine, 550 - 85th Ave., Oakland, California 94621. And if your pocketbook can still stretch, don't forget the Leonard Farber Memorial Scholarship Fund. Any contribution towards this fund will help our future mechanical engineers.

## DEDICATION HI-LITES OF THE FIRST NATIONAL HISTORICAL MECHANICAL ENGINEERING LANDMARK, THE FERRIES AND CLIFF HOUSE CABLE RAILWAY

The day of the commemoration ceremonies was November 30, 1973. Although this day was bleak and rainy, the spirits were high and bright for this date commemorated the first National M.E. Landmark.

Brad Garretson welcomed all of the participants and observers followed by a speech by our Past President, Dr. Richard G. Folsom. Presentation was made by ASME President, Dr. Daniel C. Drucker; the plaque was accepted by Lt. General Stanley R. Larsen, (U.S. Army, retired) on behalf of Mayor Alioto and the City and County of San Francisco. (See photos)

Many prominent figures of ASME were present at the dedication. To mention a few, Mr. Maurice Jones, Mgr. of Information Services; Dr. Rogers B. Finch, Exec. Director and Secretary; Mr. John A. Talbot, Vice Pres. Region 9; Prof. R. S. Hartenberg, National Committee of History and Heritage.

After the dedication ceremonies at the Powerhouse Station, the group retired for luncheon to feast on Chinese cuisine food and spirits of alcohol.

Congratulations to Jack Prud'homme and his History and Heritage Committee for a job well-done.

Welcome Address by Brad Garretson, S.F. Section Chairman

Plaque presented to Lt. Gen. Larson (left) by ASME Pres. Dr. Drucker (right).



## JANUARY MEETING NOTICE

### Materials Handling Division

Place: Elegant Farmer, Jack London Square, Oakland

Date: January 8, 1974, 5:30 p.m.

Speaker: Mr. Duncan R. Gilmore, V.P. Thayer Scale

Subject: Continuous Weighing — Technology Up-Date, Belt Scale Technology and Weigh Feeder Technology.

Reservations: Call Jerry Fishenich, Phone 635-4742.

## JANUARY MEETING NOTICE

### Biomechanical and Human Factors Technical Division

Date: January 24, 1974

Schedule: No host cocktails — 8:00 p.m.  
Dinner — 7:00 p.m.  
Speaker — 8:00 p.m.

Place: Royal Coach Inn — San Mateo (look for the Castle) — 1770 S. Bayshore Blvd. near the intersection of Hiway 92 and U.S. 101.

Speaker: Dr. Edward Froenig.

Subject: Bones of Pressure — Engineering Aspects of the Problems of Joints.

Reservations: Call Norm Parrish, Phone 642-4151.

## PROGRAMS ON CONTINUING EDUCATION — 1974

Jan. 12 Seminar on Tax Aspects of Inventions, Patents, Licenses, Trade Secrets, and Know-How.  
Sponsored by University of California, Berkeley, in cooperation with California Inventors Council.

Place: Kaiser Auditorium, 300 Lakeside Dr., Oakland, California

Time: 8:45 a.m. to 5:00 p.m.

Fee: \$30.00

For further information contact:

Mr. Norman Parrish at 642-4151  
U.C. Extension

Mar. 7-9 Nuclear Power Workshop and Tour of Diablo Canyon Nuclear Plant. Sponsored by California Polytechnic State University at San Luis Obispo, California, Electric Power Institute.

Brief: An engineering level conference directed to practicing engineers in the utilities or electrical and electrical manufacturing areas, who wish to get up-dated on the subject of nuclear power plant design and development. Speakers will be drawn from the nuclear power industry, utilities, and AEC.

Place: Cal Poly, San Luis Obispo

Fee: Regular \$90.00 with reduced rates of \$67.50 to sponsoring employees of P.G. & E., So. Cal. Edison Co., San Diego Gas & Electric Co., G.E., and Westinghouse Electric Corp.

For further information contact:

Dr. Saul Goldberg  
Director of Electric Power Institute  
California Polytechnic State University  
San Luis Obispo, CA 93407  
(Ph. 805-546-2315).

## ELECTION TO ASME FELLOW GRADE

Congratulations to Professor Iain Finnie who was recently elected to the grade of Fellow. See M.E. Magazine, December 1973 issue.

Iain Finnie is Professor of Mechanical Engineering at the University of California, Berkeley, and is currently our secretary of the San Francisco Section of ASME.