



The American Society of
Mechanical Engineers

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ASME San Francisco Section

Newsletter

October 1992

October Meeting:

Tour of the Clean Air Vehicle Technology Center

Speaker: Dr. Oreste Bevilacqua, Director
Mr. Del Pier, Manager
Clean Air Vehicle Technology Center

Date: Thursday, 15 October 1992

Location: CAVTC
26233 Executive Place
Hayward, CA

Time: 5:15 PM
Please be prompt

Cost: FREE to ASME members, their
families and guests

RSVP: S.F. ASME
(415)721-4478
Leave a message

The Clean Air Vehicle Technology Center (CAVTC) in Hayward is the nation's first independent facility for evaluating alternative-fuel vehicles, including those powered by natural gas, methanol, ethanol, and electricity. CAVTC conducts laboratory and field tests to evaluate fuel economy, tail pipe emissions, vehicle durability, maintenance requirements, and costs. The CAVTC tour will showcase fueling facilities, vehicle load and emissions test cells, instrumentation and calibration equipment, and safety features. Also on hand will be alternative-fuel vehicles owned and operated by PG&E, and possibly other prototype vehicles owned and operated by major manufacturers.

Hey, its free, for once!

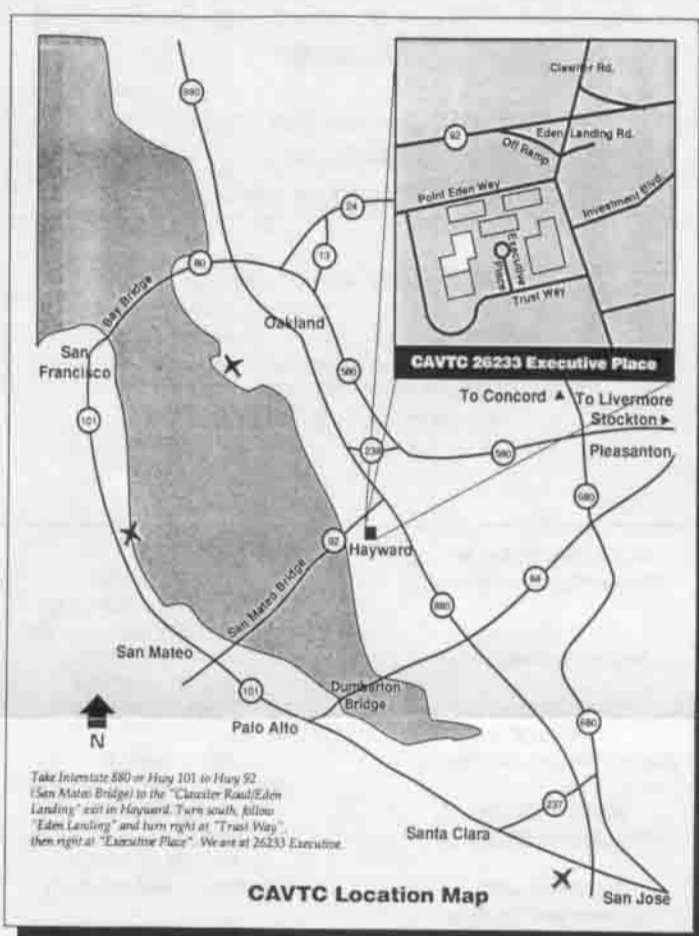
Newsbits:

San Francisco Section Gets its Own Phone Number

After years of relying on the kindness of some member's secretary or answering machine, the San Francisco Section now has its own phone number: (415) 721-4478. With its catchy touch-tone pattern, (415) 721-4478 is the number to call to make meeting reservations or leave a message for section officers. So if you can't find your newsletter, but know you wanted to attend that upcoming meeting, just call (415) 721-4478. Put it in your Rolodex, card file, or Hypercard stack

Executive Council Meetings

San Francisco Section Executive Council meetings are held at 6:15 PM the first Wednesday of each month, September through May. The location is the offices of Bevilacqua-Knight (BKI), 501 14th Street, Suite 210 (second floor), Oakland. BKI is in the Oakland City Center complex next to the 12th Street BART station. Validated parking is available in the City Center garage. All members who are interested in helping organize events for the San Francisco Section are invited to attend.



Message From the Chair, Part 1: Engineering and the Environment

The great dams and bridges, the railroads, the internal combustion engine, the airplane, mechanized agriculture, submarines, and the Apollo mission to the moon -- man versus nature. Great engineering feats of the past conquered the environment for the benefit of humanity. Today's engineering feats must work *with* the environment for the benefit of humanity. This month's program looks at the engineering response to the challenge of providing cleaner urban transportation. I encourage those with a penchant for vehicles, those interested in emissions testing, and those curious about what kind of cars and vans we may soon be driving to attend our October meeting.

Message from the Chair, Part 2:

Hello Sonoma, Napa, Solano, Mendicino, Lake, Humbolt, Trinity and Del Norte Counties!

Although we're officially called the San Francisco Section, we ought to be called the San Francisco, Wine Country, and North Coast Section because we include ASME members in these counties as well as the City, Marin, and near-in East Bay. We welcome the participation of our more northerly brethren in Section activities, but recognize the difficulties of travel logistics. Therefore, for at least one meeting this year, we would like to come to you. I invite your suggestions for a tour/meeting/social event in Sonoma, Napa, or Solano Counties. A Saturday event would probably work best. Please call in your ideas to our new section phone number, (415)721-4478, and Program Chair Madeleine Moffitt or I will get back to you. I'm looking forward to an ASME road trip.

Rich Myhre

1992-1993 San Francisco Section Executive Council

Chairman Richard J. Myhre, PE Bevilacqua-Knight, Inc. 501 14th St., Suite 210 Oakland, CA 94612-1405 (510)444-8707	Secretary Donald W. Moseman P.O. Box 22 San Bruno, CA 94066-0022 (415) 358-0185	Industrial Relations Marco Bruzzano Chevron USA, Inc. P.O. Box 1272 Richmond, CA 94802-0272 (510) 620-1604	Member Interests Dennis K. Lieu, DEng
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			Minorities and Women Madeleine Moffitt
			Professional Practice and Ethics Eric Worrell, PE
			Technical Activities Willard Nott, PE
			Nominating Committee Dennis K. Lieu, DEng

Classified

Consulting group in Berkeley has an opening for a licensed Mechanical Engineer. Our company is heavily involved in field analysis of failures and product development for clients in the manufacturing, industrial, insurance, and government sectors. The position requires a high level of expertise, demonstrated mathematical/analytical skills, and excellent verbal and written communications skills. Self-starting and working independently are imperative, as is a high degree of maturity and professionalism. We are particularly interested in a person with field experience in troubleshooting generally and with thermal phenomena and construction materials and techniques. The successful candidate will most likely have an advanced degree, experience in combustion science and fire technology, although the latter is not essential. Exposures to transit vehicles and/or aerospace materials industries would be a plus. Compensation will be consistent with experience and applications from equity/partnership candidates with consulting experience are encouraged. These will be evaluated based upon experience and demonstrated accomplishments. Please send resume to P.O. Box 9097, Berkeley, CA 94709.

Advertising Space Available

This newsletter is published monthly, and reaches approximately 1500 professional and 250 student members. \$200 Full page, \$100 1/2 page, \$50 1/4 page, \$20 business card, \$10 25 word classified

Contact Dennis Lieu (510) 642-4014

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.