

September Tour



The Clean Air Vehicle Technology Center

Wednesday, September 27th Free to ASME members and guests

Driven by emerging public policies and regulations that call for low-emission vehicles, tomorrow's cars and trucks will be part of the clean air revolution. The Clean Air Vehicle Technology Center (CAVTC) in Hayward - a cutting-edge facility dedicated to testing and improving cleaner vehicles - will be a key strategic element in making environmental vehicles a reality.

A recent major expansion gives CAVTC capabilities unmatched at any other independent emissions and vehicle testing laboratory. The upgrade includes a 48-inch electric dynamometer, an exhaust analysis system for measuring diluted and raw exhaust samples, a variable-temperature evaporative SHED (sealed housing evaporative device), and a running-loss SHED. Existing capabilities at CAVTC include equipment for conventional certification tests for tailpipe and evaporative emissions, an advanced hydrocarbon speciation system, comprehensive electric vehicle testing, and training.

Date: Wednesday September 27, 1995
Location: 26233 Executive Place Hayward, CA 94545 (510) 785-3100

Time: 5:30 PM
Cost: FREE

— FOR DIRECTIONS SEE BACK COVER —

Message from the Chair...



SF-ASME +95

In this year of upgraded products with "+95" following their name, we didn't want to be left out. So we've introduced SF-ASME +95. This enhanced set of local section activities comes at no additional cost beyond your regular ASME dues. Special networking options allow you to meet other MEs from the wide area including the City, near-East Bay, North Bay, and North Coast.

Our multimedia events typically feature food, beverages, single and distributed conversational sessions, and entertaining supplemental visuals. Exchange features allow you to send and receive information on meetings, employment opportunities, continuing education, student section activities, honors and awards, and general issues of interest to MEs via one monthly newsletter—the Bay Connection. Others may say "plug and play," but we say "improve your ME and business knowledge today." So start SF-ASME +95. Come to our CAVTC tour. Or call to find out more about what we're up to locally.

Hello! I'm Rich Myhre, your new section chair for 1995-96 (July 1-June 30). Some of you may recall that I held this position three years ago. Therefore, I'm a recycled chair. Although recycling is usually desirable, it's not for local section officers. I took on the job because our chair apparent moved to Southern California. To avoid future recycling, however, we need new volunteers to help the seasoned ones. It's a fun group, a mix of ages and experiences, and not all guys. Please consider helping out. Call me or any of the other committee members listed inside. Thanks.

Rich.

In This Issue...



ASME International Mechanical Engineering Conference & Exposition
Be a conference aide and get \$\$\$
College Corner

Coming up November 12: Joint meeting of the San Francisco, Santa Clara Valley, Mt. Diablo and San Mateo sections; Topic: "BART and the Four Hour Problem"

The International Mechanical Engineering Congress and Exposition

November 11-17, 1995

San Francisco Hilton and Towers

The 1995 "Congress" (formerly the Winter Annual Meeting) promises to provide a wide range of technical information for solving engineering problems. The meeting format will range from formal paper presentations to informal poster sessions and open forums where work in progress can be discussed. With nearly 40 ASME technical divisions and boards participating, you may tailor a specific technical agenda. The congress includes 500 technical sessions with presentations by outstanding researchers and practitioners from around the world.

Over 50 sessions on the featured topic "EMERGING TECHNOLOGIES"

- **Management:** Dimensionalization of the Concept of Emerging Technologies
- **Transportation:** Implications of Emerging Technologies on Transportation
- **Manufacturing:** Implications of Emerging Technologies and Production
- **Design:** The Relationship Between Emerging Technologies and Engineering
- **Materials and Energy:** Fuels and Combustion; How will fuels of today be used tomorrow and what new fuels will be available and how will they be used.

The Congress will feature 100 companies exhibiting in areas of computer hardware, software, measurement equipment, instrumentation, and publishing.

For further registration and general conference information, please call (800) 843-2763 or fax (201) 882-1717

To make hotel reservations, call the San Francisco Hilton Hotel at (415) 771-1400 or (800)-HILTONS. Be sure to mention that you will be attending the ASME IMECE meeting.

E-Mail Address: infocentral@asme.org

STUDENTS

If you are a student member and willing to be a session aide, you will be paid \$10/session. Your entrance is free.

For more information and details of your duties, contact Fred Barez or Bill Nott (see below). You can choose the sessions you want - if they are still available. It's first come, first served. Call or write:

Bishara Mogannam
Department of Mechanical Engineering
San Jose State University
1 Washington Square, San Jose 95192-0087
(408) 578-2876
Fax: (408) 924-3995
bishara@ix.netcom.com

PROFESSIONALS

You can save the \$335 cost of admission to the Congress by being a session aide for 3 or more sessions. Or, save the one-day fee of \$260 by being an evaluator for 4 sessions in your field.

Bill Nott
18316 Maffey Dr.
Castro Valley, CA 94546
(510) 881-5035 (voice & fax)
nott@lmsc.lockheed.com (Weekdays)
nottb@aol.com (Weekends)

Newsletter Notes...

The Bay Connection recently received the 1994-95 Bill Dean Newsletter Award for Region IX, which includes California, Nevada and Hawaii! A big thank to those that contributed articles. As a reminder, submissions and suggestions are more than welcome from our membership, and employment ads are free as a service to our membership.

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S.F. Executive Committee for 1995-96

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Honors & Awards
Eric Worrell, P.E.
(510) 689-4579

DOE/Nat'l Labs Liason
Charles Simkins Dept. of Energy
(510) 637-1636

Neighbor Section Meetings

Santa Clara Valley Section

Mt. Diablo Section

September Dinner Meeting (joint with AIAA):

September Dinner Meeting:

"Extinguishing Fires in Fire-Resistant Hydraulic Fluids," by Donald J. Myronuk, PhD, PE

"California Requirements for Boilers and Pressure Vessels," by Harold Klubukowski, Chair of California Boiler Inspectors Assn.

Thursday, September 21.
Wyndham Garden Hotel
1300 Chesapeake Terrace, Sunnyvale.

Wednesday, September 20.
Pleasant Hill Holiday Inn

6:30pm, \$16

6:30pm, \$12

RSVP/more info: Brian Smith, AIAA programs (415) 604-6669

RSVP/more info: (510) 228-1220 x2587

College

Welcome back once again as the busy school year kicks into action! The ASME student sections within the Bay Area are preparing for an exciting year full of special activities, tours, meetings, and other events. If you or your company is interested in helping us by providing speakers from industry, plant tours, or have any ideas or suggestions, please contact the student section!



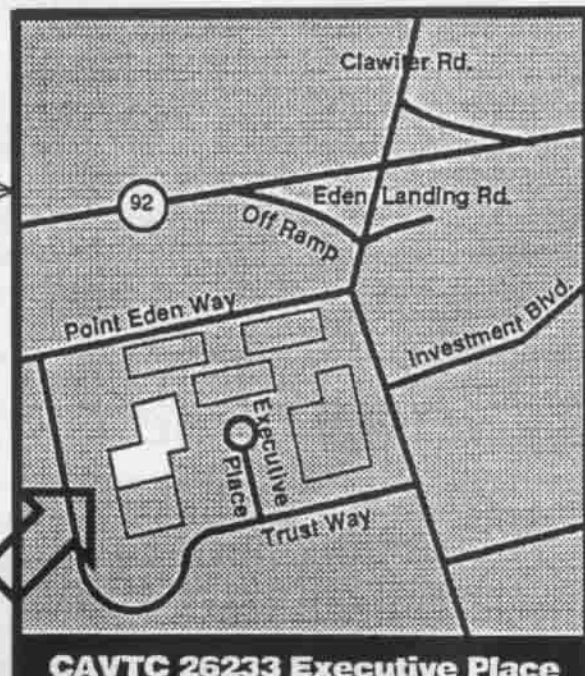
San Francisco State ASME:

The student section chair for the 1995-96 school year is Robert Ballard. (415) 991-9066



UC Berkeley ASME:

Berkeley ASME is having review sessions for the upcoming E.I.T. exam in mid-october. These sessions are taught by UCB professors, and anyone is welcome to come. For more info (times/locations) check out our WWW page at <http://www.me.berkeley.edu/~asme> or call Alex Papavasiliou, vice-chair for the 1995-96 school year at (510) 845-3344.



Take Interstate 880 or Hwy 101 to Hwy 92 (San Mateo Bridge) to the "Clawiter Road/Eden Landing" exit in Hayward. Turn south, follow "Eden Landing" and turn right at "Trust Way," then right at "Executive Place." CAVTC is in Building F, to the left of the Executive Place cul-de-sac, as shown by the big arrow on the map.

ADVERTISERS:

Do you want to reach out to over 1700 mechanical engineers in our award winning newsletter? Display ads from business card to full page sizes can be purchased at very reasonable prices; call 510-548-2891 for more information.

The Bay Connection welcomes letters to the editor and editorials from our membership! Please contact Johnny Wu, newsletter editor, (see fax, phone numbers on page 3 sidebar) for submissions.