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Newsletter

Holiday Edition

HAPPY NEW YEAR!

January Meeting:

Date: Wednesday, 27 January 1993
Location: Spengers Fish Grotto
1919 4th Street
Berkeley, near I-80 and University Ave
Menu: Orange Roughy Filet or Sirloin Tips
Time: 6:00 PM Cocktails
7:00 PM Dinner
8:00 PM Program
Cost: \$18 ASME members
\$20 Non-members
\$ 8 Students
RSVP: S.F. ASME
(415)721-4478
RSVP before 22 January 1993
with choice of entree

Karl J. Springer
Southwest Research Institute
ASME Distinguished Lecturer

The three big E's of transportation are Energy, Efficiency, and the Environment. This presentation traces recent events that resulted in paradox on top of paradox as industry achieved government regulations and customer acceptance. The latest round of air pollution regulations portend even greater efforts in terms of emission reduction and use of reformulated and alternative fuels. These are issues that not only affect those in the automotive and oil industries, but also the consumer, as we work toward efficient and environmentally acceptable transportation.

1993 Bay Area Technical Conference:
Revolution in Micro Machines

On Saturday, 1 May 1993, the Santa Clara Valley Section of the ASME will host a 1-day Bay Area Technical Conference at the University of California, Berkeley, Bechtel Hall. In Addition to a distinguished slate of speakers who will address the program topic "Microelectromechanical Systems (MEMS) -- Technology Rooted in the Present for the Future", the conference will feature simultaneous presentations at the UC Berkeley's Sensor and Actuator Center. Watch your bulletin for further details or contact Tom Roberts, Technical Conference Chair at (408)998-3260.

Engineers' Week Banquet

This year's Engineers' Week Banquet will be held at the Presidio Officer's Club in San Francisco. The date of this event is 18 February, beginning at 6:00 pm. The event will feature a prominent guest speaker from industry, and scholarship awards to exemplary local high school students who plan to pursue engineering in college. Free parking is available on site. The cost is \$30 per person, with a choice of steak or salmon as the dinner entree. For more information, contact Charles Howard at (415)924-9548.

Message from the Chair:
ASME and the Economy

Although we should not overlook all that we have to be thankful for this holiday season, candidly speaking this has been a tough year for engineers. Many of our members have found themselves out of work. Many of our graduating student members have found graduate school their only option. Even one of ASME's most visible members, Robert Stempel, CEO of General Motors, has found himself out of a job. As we and the nation wait to see the effects of low interest rates, R&D tax credits, capital gains cuts for manufacturing investments, jobs training programs, and NAFTA, ASME has taken a hard look at what it can do for unemployed members. Indeed, support for unemployed members has been the primary topic among ASME staff and volunteers for the past two years. And the society has achieved results. Here's a partial list of ASME programs to assist unemployed members in retaining society benefits and searching for new employment:

- * One-year dues waiver upon request
* Reduced or waived fees for conferences and professional development courses
* Job search (outplacement) seminars
* Regional job bulletin (call 800-624-9002)
* An "On-line Career Fair" (use your modem to dial 603-432-2742, hit the Return key twice, and enter the password, "NEW JOB")
* An employment assistance package, which includes the booklet, "Job Hunting: Nine Steps to Success"
* Unemployed members coordinators (facilitators to the above ASME services)
* Support for "portable pension" legislation

The society is doing its best to help you and your family. May your holidays be filled with optimism.

Rich Myhre

E-Week and Discover "E"

National Engineers Week (14-20 February 1993) offers a unique opportunity to cultivate interest in math, science and engineering among the nation's youth, the engineers of tomorrow. Engineering societies sponsor a variety of extra-curricular programs and classroom visits as part of a program called Discover "E". Initiated in 1990, Discover "E" has grown to be the largest outreach program of its kind sponsored by the engineering profession. This year the "E" in Discover "E" stands for Energy.

All ASME members interested in visiting schools to talk about their perspectives of engineering are encouraged to participate in the program. The National Engineers Week Committee provides information to help us organize our forces and we are currently in the process of contacting schools about Discover "E" and recruiting engineers to give presentations. If you or your colleagues are interested in speaking at schools or would like to help organize our outreach efforts, please leave a message on our new section phone, (415)721-4478, and I will get back to you.

Madeleine Moffitt

Call for ASME Company Reps

Are you looking for a great way to help ASME? You can do it with very little time commitment by becoming a Company Representative!! You simply receive information on ASME events and publicize it to other interested members of your Company, or become more actively involved as a member of the San Francisco Section's Industrial Relations Committee. If you're enthusiastic, looking for a way to help the engineering community, or simply willing to lend a hand, please call Marco Bruzzano at (510)242-1604, or write c/o Chevron U.S.A. Richmond Refinery, 841 Chevron Way, Richmond, CA 94802-0272. Thank you.

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 (BK1), 501 14th Street, Suite 210 (second floor), Oakland. BK1 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.

Enjoy a Fresh Brew with ASME

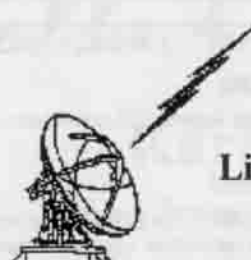
No, it's not a brewery tour -- it's the new ASME coffee mugs. Featuring a generous, sturdy design, these cobalt blue mugs emblazoned with the ASME cloverleaf in microwavable gold provide a quick reference to the San Francisco section's and the Western Regional Office's phone numbers. You can use your steam tables for a coaster. \$6.50, including postage (\$5 if you buy one at a dinner meeting).

EIT Review Course at
San Francisco State University

San Francisco State University is offering a seven week evening review class for the 17 April 1993 Engineer-in-Training (EIT) exam. The class will meet on Mondays and Wednesdays, 7:00 - 9:45 pm, from 15 February to 31 March. Students taking the class will be eligible for 4.2 units CEU credit.

For registration information, contact Extended Education at (415)338-1373. For more information about the course, contact Dr. Ganji at (415)338-7736.

Ahmad Ganji



Live Satellite Broadcast:

Pollution Prevention Benchmarking:
Lessons Learned & What's Next

Learn how the most successful pollution prevention programs in the industry:

- * Measure progress and performance.
* Sustain program momentum after initial success has been achieved.
* Discover keys to success in small plants.
* Developed their pollution prevention programs -- what worked and what they learned.

Contact Marci L. Frimmet, Satellite Programming Administrator, by phone at (212)705-7411 or by FAX at (212)705-7674.

Thanks, from Cal HPV...

On behalf of the U.C. Berkeley Human Powered Vehicle Team, I would like to thank the ASME San Francisco Section members who attended the dinner meeting on the eighteenth of November for their generosity and their contributions. The individual donations made by those attending have been very useful to our team and have sustained our work while we wait for funds from our continuing corporate sponsors.

The Cal HPV Team is a group of students who design, build, and race state-of-the-art human powered vehicles. Our latest HPV utilizes a carbon fiber frame with an aerodynamic shell made of Kevlar and carbon fiber that closely encloses the bicycle and rider. Kirk Edwards, a mechanical engineering student, broke the world record in the quarter mile sprint in this vehicle, defeating some of the best HPV's from around the world, all of which were powered by professional riders. This year we are designing and building a new fairing which will make possible our goal of breaking the world record for top speed, which was recently increased to 68.73 mph by Cal HPV alumni.

As Cal HPV is a student-run organization, we rely exclusively on the generosity of individuals and corporations to help us extend our winning tradition. Please contact Eric Anderssen or myself at the number below if you would like more information or if you or someone you know would be interested in discussing possible sponsorship by your company.

Adrian Adamson
1625 Euclid Ave.
Berkeley, CA 94720
(510)843-8242

Calling All SF ASME Files...

To preserve the collective institutional memory of our section and to facilitate the training of new volunteers, the San Francisco section is consolidating its files into a single cabinet located at the Western Regional Office in San Rafael. All past and current officers, committee chairs, and volunteers with files that would be of use to your successors are asked to mail them to: SF ASME Files, c/o Jean Camby, ASME Western Regional Office, 119-C Paul Drive, San Rafael, California 94903-2022. Thank you.

Call For ASME National Agenda Items

The National Agenda process is the key vehicle for grassroots input to the policies and governance of the society. Now is the time to submit items for the 1994 National Agenda. Items submitted will be reviewed by Councils and Committees at the Winter Annual Meeting prior to debate and vote at the 1994 Regional Administrative Conferences. At the 1994 Summer Annual Meeting, the NAC will convene to consider the approved items, and formally transmit them to the Board of Governors as items representing the wishes of the membership. For more information on submitting National Agenda Items, contact Harold Kierman at (800)628-5981.

1992-1993 San Francisco Section Executive Council

Table with 4 columns: Chair, Secretary, Programs Chair, History and Awards, Nominating Committee, Vice Chairman, Minorities and Women, Unemployed Members, College Relations, Treasurer, Marco Bruzzano, Members-at Large

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.

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