



# The Bay Connection

Newsletter of the San Francisco Section of the American Society of Mechanical Engineers

February/March 2001

Volume 7 Issue 4

## Q&A Forum at SFSU Highlights Our February

Want to hear the latest on the Engineering Industry from professionals "In the Know"? Join us at 6pm on **February 22, 2001** on the campus of **San Francisco State University** for an informative and lively presentation by five panel members on the ins-and-outs of getting hired and moving up as an engineer in the real world.

Five topics will be covered, followed by a 30 minute direct interaction with the panel. The topics are; Diversity of Jobs Available in the Engineering Industry (by Paul Cruel), Spotlight on Engineering as a Career (by Eric Worrell), Hiring Practices (by Bill Nott), Interviewing Techniques (by Joann Heberer) and Communication Skills in the Engineering Profession (by Rich Myhre).

The dinner will be catered by a local **BBQ** company, and costs **\$15 per person**. An informal Social Hour **begins at 6pm**, then a casual dinner. For directions to the event site, **held in the Science Building**, go to the SFSU website at :

[www.sfsu.edu/~parking/text/tocampus.html](http://www.sfsu.edu/~parking/text/tocampus.html)

RSVP: (415) 721-4478 for voice, or email to [rsvp@sf.asme.org](mailto:rsvp@sf.asme.org)

Come celebrate with your peers and future engineers at this informal panel discussion. Engineers at all

## CALENDAR OF EVENTS

**Feb 19-23 Engineers Week** Highlighted by a Q&A Forum **Feb 22nd** at SFSU (see article at left)

**Mar 6, Apr 3 and May 1**

**S.F. Exec Committee Meeting;** 6:30pm at Material Integrity Solutions, 3254 Adeline St. Suite 200, Berkeley

**Mar 15-22 Region IX Student Conference (RSC)** at the Cal Maritime Academy in Vallejo; judges and sponsors still needed, contact Dr. LeRoy Alaways at:

[lalaways@csum.edu](mailto:lalaways@csum.edu)

**March Crab Feed** at U.C. Berkeley either the week of the 12th or 19th; check [www.me.berkeley.edu/asme](http://www.me.berkeley.edu/asme) for updated information

**Apr 25 Chevron Speaker;** Mr. Lee Hanson, Senior Vice President - Operations, Chevron Energy Solutions will be the speaker, details TBD

**May 2001** Tour of Geysers Power Plant/Winery in Sonoma County; time and location to be announced

**June 2001** Amtrak Speaker, former West Coast Sales Chief for Western Pacific; time and location to be announced

All of the Bay Area ASME Events were not available for this publication. Check our website at [sf.asme.org](http://sf.asme.org) for the latest dates, locations and times.

## Message from the Chair by Manuchehr

On our last event, the dinner meeting sponsored by all three bay area sections, we heard a very dynamic speaker (Jon Kreig, ASME distinguished lecturer) talk about the Chandra Telescope design, a very interesting subject. I believe all who attended enjoyed the presentation (as well as the food!). We also presented 25/50 year long members with certificates and they provided us with a bit of insight and a few interesting stories about their long membership with ASME. We thank them for attending and being trend setters for ASME! We will be mailing certificates to those who could not attend!

We are now entering our "college theme" period. Prof. Mansur Rastani

### DON'T MISS THESE EVENTS COMING UP . . .

Feb 22nd Engineers Week Dinner

Mar 24th and 25th Region IX Conf.

March 2001

Speakers/Farber Award at SFSU (details on page 1)

Calif Maritime Academy, Vallejo (details on page 2)

U.C. Berkeley Crab Feed (details on page 2)

**Message from  
the Chair**  
continued from page 1

has arranged a panel discussion to be held at SFSU during the engineering week. Also, we're looking forward to the annual Crab Feed at UCB and the Region IX Student conference at Cal Maritime Academy. In April and May we're making plans about a dinner meeting covering a very hot topic for California these days and a very interesting tour of the Geysers. Please check the Calendar of Events or visit our web site ([www.sf.asme.org](http://www.sf.asme.org)) for more information!

Looking forward meeting you all at these

**UC Berkely Crab Feed**

It's that time of year again! The annual-Crab Feed at U. C. Berkeley will be held in mid-march either the week of the 12th or 19th. The exact date still needs to be worked out with the speaker. This year's speaker is from the BMW racing team in Palo Alto.

May of the details were not available at press time. The UCB website will have all updates regarding the Crab Feed at:

[www.me.berkely.edu/asme](http://www.me.berkely.edu/asme)

The exact location on the UCB campus will be announced once the date is determined. The cost is **\$25 for professionals** and **\$10 for students**. Individuals interested in the event can **RSVP** to:

[asme@newton.berkely.edu](mailto:asme@newton.berkely.edu)

Please include your name and the number of attendees when you RSVP. Directions to UCB are available from:

**\*\*\* Exciting Job Opportunity \*\*\***  
**Senior Mechanical Design Engineer**

**Job Desc:** Lead a small team designing & developing the world's finest stationary power machinery for the woodworking industry. Develop & lead a top caliber engineering dept. Member of senior management.

**Job Req:** BSME / MSME w/ min. of 8 yrs. design & develop. exp. in machine design, precision mechanisms, and structural fabrication. Broad knowledge of vibration, metrology, ergonomics, & electromech. Disciplined, proficient w/SolidWorks, ProE, or other 3D CAD pkgs., effective leader committed to integrity and quality.

Masterpiece Machinery & Tool Co., Inc. is a new start-up dedicated to org. excellence & producing the finest avail. machinery. Located in beautiful Sonoma County. Exc. salary, benefits, opportunity. More info. or resume: [jobs@masterpiecemachinery.com](mailto:jobs@masterpiecemachinery.com) (707) 773-3291.

**San Francisco Section MEMBER SERVICES**

*Interested in volunteering with the San Francisco Section?* Contact the Chair directly, attend an executive committee meeting or talk to a committee member at one of our events. For voicemail, call (415) 721-4478 or email the webmaster at [sf.asme.org](http://sf.asme.org) and get involved with your Section!

*Want to advertise in "The Bay Connection"?* We have multiple rates available; \$50 eighth page, \$100 quarter page, \$200 half page, or \$400 for full page ads. Contact us through our website at [sf.asme.org](http://sf.asme.org) or call the San Francisco voice mail number at (415) 721-4478.

**Region IX Student Conference  
Seeks ASME Member Support**

On Friday and Saturday, March 23th and 24th, the Region IX Student Conference (RSC) will be held at the California Maritime Academy in Vallejo. The RSC attracts ASME Student Members from California, Hawaii and Nevada. They compete in a variety of Oral, Poster and Student Design Contests. There is no charge to attend this event, and reservations are not required. The California Maritime Academy is off highway 80 just North of the Carquinez Bridge. For more information, or detailed directions to the site, call (707) 654-1100.

Judges are needed for each event. If you have a few spare hours, and enjoy working with future engineers, Region IX needs you as a volunteer judge. Sponsorships from local businesses are also welcome. Sponsors help keep the cost of registration down, making it more affordable for students throughout the region to attend. Sponsors may also use the event to do a little recruiting, if they wish.

If you can help, please contact:

Lynden Davis, Director, WRO  
119-C Paul Drive  
San Raphael, CA 94903-2022  
voice 800.624.9002 fax 415.499.1338

# ASME International San Francisco Section

ARTICLE C.5.1.2 of the Constitution of the American Society of Mechanical Engineers (revised to March 18, 2000) states: The provisions of the Constitution and By-Laws and Society Policies established by the Board of Governors of the Society shall govern the procedure of all units of the Society but no action or obligation of such units shall be considered an action or obligation of the society as a whole. This provision shall be imprinted on any publication issued by such units.

## S. F. Executive Committee for 2000 - 2001

### Chairman and Member Interests

Manuchehr Shirmohamadi, Ph.D., P.E.  
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### Vice-Chair, Small Business, Region IX Small Business

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### Secretary

*Requesting volunteers*

### Treasurer, Honors and Awards, Section Webmaster

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### History and Heritage Co-Chair

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### Member Development, Public Information, and Region IX History and Heritage

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### Pre-College, Region IX Representative to the Board on Pre-College Education and Board on Pre-College Education Vice-President - Nominee for 2001-2004

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Lockheed-Martin Missiles and Space  
(408) 742-3632 (W)  
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### Member at Large

## Bay Area Section Chairs

### Mt. Diablo Chair

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### Sacramento/Sierra Nevada Chair

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### Santa Clara Valley Chair

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*Have a "Letter to the Editor?" We value your contributions! Email or fax any comments, suggestions or news items to the numbers above, or "snail mail" to ASME SF Section Newsletter 1500 Oliver Rd #K PMB291 Fairfield CA 94533*

## THE BAY CONNECTION

## Local Schools Ask ASME Members to Help Out

Some Local schools (all around the bay area) need your help. They have teams working on robots for the FIRST High School Robotics competition and can use advice and encouragement. Engineers or anyone technically oriented would be of help. You do not need to be a "robotics" person. There are only a few weeks left for them to complete their project so it is not a "long term" commitment.

You can find a lot of information about the contest at

<http://www.usfirst.org>

It is a lot of fun and you will learn as you teach - and help the profession at the same time! This is an excellent way to celebrate Engineers Week and get out the news on our profession.

Please go to the website and look at the list of schools available for those that may interest you. Then contact the person identified for that school. If you have questions please call:

Hank Schwoob  
Model Maker/ NC Programmer  
Developmental Machining And  
Electromechanical Instrumentation  
Branch (FMX)  
NASA Ames Research Center  
MS 220-1  
Moffett Field, CA. 94035-1000  
Phone: [650] 604-5177  
FAX: [650] 604-3956  
hschwoob@mail.arc.nasa.gov

## Spread the Engineering "Itch" and Introduce our Youth to Engineering Day!

The 2001 celebration of National Engineers Week will feature "Introduce a Girl to Engineering Day" on Thursday, February 22, as part of its efforts to encourage more young women, along with all young people, to consider careers in engineering. ASME members are encouraged to participate in the special day by reaching out to elementary, middle and high school girls in their local communities. For more information about the event, as well as an Engineers Week kit and suggestions for reaching out to young people, go to <http://www.eweek.org/2000/News/Eweek/girlsday.shtml>.



The American Society of  
Mechanical Engineers  
S.F. Section, c/o Western Regional Office  
119-C Paul Drive

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Feb/Mar 2001

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### San Francisco Section Newsletter

## THE 2001 MEMBER INITIATIVE SYSTEM

ASME San Francisco Section

The 2001 Member Initiative Region/Council Compilation consists of 2 Member Initiatives, and 2 proposals that have been processed administratively without going through the voting process. The Initiatives which are passed by a majority of the voting Regions and voting Councils will be considered at the Member Initiative Conference at the 2001 Summer Annual Meeting.

COPIES AVAILABLE AT [HTTP://WWW.ASME.ORG/CMA/BMI/](http://www.asme.org/cma/bmi/)

### THE FOLLOWING INITIATIVES WILL BE VOTED ON:

**01.1 Volunteer Reimbursement Policy** *It is proposed that for ASME non-technical committee meetings, up to two volunteers from each section attend SAMs and IMECEs and be fully reimbursed for all their expenses associated with their attendance under the same guidelines which ASME professional staff are recompensed. Applicable registration fees would also be covered for meeting attendance.*

**01.2 Provide Members with Opportunities to Join the "Order of the Engineer"** *It is proposed that the ASME Board of Governors direct the ASME staff to provide an opportunity for the "Order of the Engineer" to hold induction ceremonies for ASME members at each Congress held during an odd-numbered year and at the Summer Annual Meeting during even numbered years. Staff will list the ceremony in the General Program. Any costs other than that of inclusion in the General Program and making a room available will be borne by the "Order of the Engineer."*

Following is the status of initiatives approved at previous Member Initiative Conferences and assigned to Councils, Committees or Staff by the Board of Governors for study and action. Approved Initiatives whose implementation is either complete or has been committed to as stated are considered CLOSED. An approved Initiative whose status is not finalized is tracked as an OPEN Initiative. Open initiatives are listed here until closed. The status of Approved Initiatives will be reported to the Board of Governors at the Summer Annual Meeting in the Member Initiative Report.

**00.1 Automatic ASME Unit E-mail Lists** **OPEN:** *Approved by MIC at SAM and reported to BOG. Has been directed to the Council on Engineering and Management Information Systems/Information Technology.*

**00.2 Child Care at ASME Conferences** **OPEN:** *Approved by MIC at SAM and reported to BOG. Has been directed to the Council on Engineering.*