



The American Society of
Mechanical Engineers

San Francisco Section

Newsletter

October 1991

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October Dinner Meeting

Speaker: Mr. Thomas F. Smegal, Attorney

Date: Wednesday October 23

Time: 6:00 No-Host cocktails
7:00 Dinner
8:00 Program

Place: Spenger's Fish Grotto
1919 4th Street, Berkeley
(510) 845-7771

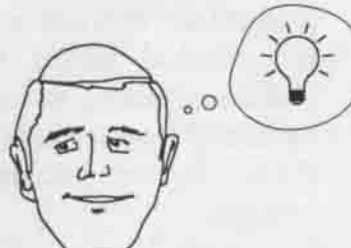
Cost: \$16.00 Members
\$18.00 Non-Members
\$ 6.00 Students

Menu: Sirloin Tips or
Orange Roughy Fillet

RSVP: Dennis Lieu
(510) 642-4014
by Friday October 18



IS YOUR IDEA WORTH A PATENT ?



Patent lawyer Thomas Smegal will answer questions from a hypothetical engineer with an idea s/he thinks might be patentable:

- What steps are involved in obtaining a patent?
- What makes my idea worthy of a patent?
- What steps should I take to protect my idea?
- What kind of research should I do before consulting a patent lawyer?
- What are the typical problems a patent applicant runs into? How do I avoid them?
- What should I expect in terms of time, cost, and privacy?
- How can I avoid the traps?

Mr. Smegal is a partner in the law firm of Townsend and Townsend, and specializes in Patent, Trademark and Copyright Law. He has a degree in Chemical Engineering, and worked as a Patent Examiner in the United States Patent and Trademark Office.

Come and find out if your idea is worth a patent!

Next month, we'll be joining with the American Nuclear Society for our dinner meeting. More details in the November Newsletter. . .

ASME San Francisco Section 1991-92 Executive Council

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CAL HPV Sets World Record !

UC Berkeley's ASME Human Powered Vehicle Team captured the world's record in the 1/4 mile drag race at the International HPV Speed Championship held August 14-18 in Milwaukee, Wisconsin. The rider, Kirk Edwards, a senior mechanical engineering student, bested the previous record by almost 2 seconds, turning a time of 27.9 seconds. Special thanks to ICI Fiberite, Chevron, Exxon, and Amdahl for their support.

ASME Membership card smeared? Call Jean Camby to get a new one 1-800-524-9002

San Francisco Section Executive Council Meetings

1st Wednesday of each month at 6:15 pm
Room 3110 Etcheverry Hall
UC Berkeley

All members are welcome and encouraged to help plan this year's Section activities. For more information, call Dennis Lieu (510) 642-4014.

News From National...

In his inaugural address, Nathan H. Hurt, Jr., the new ASME president announced, "Any view of the future of engineering must include four major areas -- the Four E's: Education, the Economy, Energy, and the Environment." He identified four technical areas-- manufacturing, materials, energy and environment, and computer technology-- as critical in keeping the U.S. competitive with other countries. Mr. Hurt believes ASME and other engineering societies must promote the improvement of engineering education and technical literacy, the development of a more global engineering society, the development of environmentally acceptable uses of energy resources, and the development and implementation of new technologies.

Speaking of Education...

ASME has produced five new videos addressing various aspects of engineering. Two of the films-- *Engineering is for Everyone!* and *Career Encounters: Mechanical Engineering* are designed to promote the profession in grade schools and high schools. *Engineering 2000*, *Crisis in Engineering*, and *Who Made the Engines of Our Ingenuity?* are designed for an engineering audience. For more information, or to place an order, call 1-800-THE ASME, ext 511.

CAL Solar Vehicle Team Needs Your Help

The UC Berkeley Solar Vehicle Race Team, CALSOL, is currently looking for consultants in various engineering fields to teach and assist the students with the design and manufacture of their vehicle. Anyone interested should contact the CALSOL office at (510) 643-5856.

ADDRESS CHANGES

Member Problems and Information
Contact ASME Western Regional Office 1-800-624-9002

Advertising Space Available:

\$100 full page
\$50 half page
\$10 business card
\$5 classified (25 word max.)
Contact Wendy Lorimer (510) 643-5281

Interested in Product Liability?

The Diablo Section of ASME will address Product and Design Liability from the Attorney's Point of View in their October Dinner Meeting.

Speaker: Draper B. Gregory, Attorney at Law

Date: Wednesday October 23

Time: 6:00 No-host social hour
7:00 Dinner
8:00 Presentation

Place: Marriot Hotel (Bollinger & I-680)
San Ramon

RSVP: Dave Hipple (510) 423-5042
Tony Zavanelli (510) 275-3747

CALL FOR PAPERS

1992 Symposium on Flexible Automation

The 1992 Japan / U.S.A. Symposium on Flexible Automation will be held July 13-15 in San Francisco. The theme of the symposium is "Intelligent Manufacturing." Topics will include robotics, CAD/CAM/CAE, mechatronics, autonomous vehicles, planning and scheduling for manufacturing, fuzzy inference and neural networks, and expert systems and artificial intelligence. Papers must be submitted by November 15, 1991 to conference program chairman, Professor Ming C. Leu, Department of Mechanical and Industrial Engineering, Room 311, MEC, New Jersey Institute of Technology, University Heights, Newark, NJ 07102.

Additional Farber Scholarship winners from Cal Maritime Academy are Greg Chase and Dave Jones.

JOB BULLETIN

MEMBERS

Looking for a job? Contact the ASME Western Regional Office to obtain a copy of the Job Bulletin. 1-800-624-9002

COMPANIES

Looking for mechanical engineers? Contact the ASME Western Regional Office to place a free listing in the Job Bulletin, or to obtain information regarding advertising in *Mechanical Engineering* magazine.