



Newsletter

May 1993

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May Meeting:
The Fully Geared Continuously Variable Transmission

Date: Wednesday, 19 May 1993
Location: Spengers Fish Grotto
1919 4th Street
Berkeley, near I-80 and University Ave
Menu: Orange Roughy Filet
or Baked Chicken Breast
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 Friday, 14 May 1993
with choice of entree

Paul Pires
Epilogics Corporation

Paul Pires, co-founder of Epilogics will lead us through a video presentation, model demonstration and Q&A session on his fully gear, continuously variable transmission, currently being refined for commercial service in large diesel tractor-trailers and other transportation and industrial applications come see the solution to a classic mechanical engineering problem once considered only theoretically possible.

Announcing the Elected 1993-1994 San Francisco Section Executive Council ...

Chair: Willard Nott
Vice Chair: Donald Moseman
Secretary: Eric Broadhurst
Treasurer: Stefan Wagner

Message from the Chair ...

Drive train losses associated with operation at non-ideal engine speeds were identified in conjunction with development of the automobile and led to ongoing research into a "continuously variable" transmission. Early designs based on belts and pulleys proved successful in the laboratory, but were too limited in torque carrying capacity and overall durability for roadway passenger and freight transportation demands. Thus the quest for a transportation-grade continuously variable transmission became a classic mechanical engineering design problem. Our May Meeting explores a commercial continuously variable transmission employing a fully geared design. Please join us for this event -- and bring your questions, as the inventor is our speaker!

Rich Myhre

Old Timer's Luncheon

Come all ye who dare to the Old Timer's Luncheon on Thursday, 24 June, 11:30 am at the Engineers Club in San Francisco. The cost is a mere \$16.50 to renew old arguments and enhance ancient war stories even more. All slide rules must be checked at the door. Anyone with a calculator or computer will be shot on site. Please make your reservations for this event by June 12. Just call our (computerized) voice mail.

Honor a Friend,
Submit a Fellow Nomination

Do you know an ASME member who deserves recognition for their outstanding work? Please consider nominating that person for elevation to the ASME Fellow grade.

The Fellow grade is ASME's highest elected grade of membership. Attainment of this grade recognizes exceptional engineering achievements and contributions to the engineering profession. By initiating a Fellow nomination for a deserving associate, you complete the one final requirement for Fellow grade that too often is never met.

A Fellow nomination must be initiated by a sponsor who is a Fellow or Member of ASME and must be supported by at least four more sponsors, at least two of whom must be Fellows or Members. At the time of advancement, A Fellow must have attained the grade of Member and have not less than 10 years of active practice and ten years of continuous corporate membership in ASME, and have been responsible for significant engineering achievements.

If you know someone who deserves this honor, please contact the ASME Western Regional Office at (800)624-9002 to receive the ASME Fellow package. This package contains the nominating forms, the requirements and instructions for submitting a nomination, and a sample application. For questions and help with finding sponsors, completing the nomination, or arranging a suitable award ceremony, please call the Western Regional Office or call the San Francisco Section Honors and Awards Chair Eric Worrell at (510)228-1220 x2571.

Meeting Notice:
Green Manufacturing and Design

The Engineering Systems Research Center at U.C. Berkeley is planning to host an all day symposium on "Green Manufacturing and Design" geared towards discussing the needs of California industry in designing and manufacturing products and processes which can meet both increasingly stringent government regulations and growing consumer demand for environmentally-conscious products. Speakers will include government representatives from federal and local environmental agencies, design and environmental engineers from aerospace and electronics industries, and faculty members from Engineering, Business Administration, and Law. The purpose of the symposium is to focus Berkeley resources on areas of particular concern to California industry and explore vehicles through academia, industry, and government can collaborate on solving these long range problems. We would welcome participation by representatives from all industries.

Although the meeting date has not been set as of press time, it will be towards the end of May. The symposium will be held at the Bechtel Engineering Center on the U.C. Berkeley campus. We would like to solicit interest from members for attending such a symposium or even giving a short talk (approx. 10 minutes) on the particular environmental issues facing your organization. All interested parties can contact Ms. Melanie Fink at (510)642-4993 and confirm the date of attendance and directions.

ASME Auxiliary
San Francisco Section
(Includes Santa Clara and Mt. Diablo Sections)

A potluck luncheon is planned for our last meeting before summer. Join us at a private home in Danville on May 11, 1993 at 11:30 am. For details and reservations, please call Mrs. Lorraine Kruger, (510)376-6848, or Mrs. Wm. Chamberlin (408)269-2331.

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.

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.

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

The San Francisco Section Executive Council thanks you for your generous dues-donations these past 2 months. The donations to the Farbar Scholarship Fund and to the Student Fund have been particularly outstanding this year. Thank you.

1992-1993 San Francisco Section Executive Council

Chair: Richard J. Myhre, PE
Secretary: Donald W. Moseman
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Nominating Committee, Newsletter Editor: Dennis K. Lieu, DEng
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