



San Francisco Section of
The American Society of Mechanical Engineers
Presents:

The Importance of Passenger Trains in the Present Environment

About the topic & Speaker

Arthur Lloyd will discuss the importance of passenger rail travel after September 11, 2001. He is a native San Francisco and a graduate of UC Berkeley (1984). He is a known authority on the subject of passenger rail and presently is on the Board of Samtrans and the Cal Train Joint powers Board and other rail related organizations. He has held passenger rail positions all his professional life, starting in Napa California in 1942 as a yard clerk and after many supervisory and managerial positions retiring from AMTRAK in 1991 as Director of Public and Government affairs.

Event Information

Where: Spenger's Fresh-Fish Grotto
1919 Fourth Street,
Berkeley, CA

When: Wednesday, November 7, 2001

Schedule of events:

6:00 p.m. – 6:30 p.m. Social
6:30 p.m. – 7:30 p.m. Dinner
7:30 p.m. – 8:30 p.m. Presentation
8:30 p.m. – 9:00 p.m. Question and Answer Session/Closing Remark

Menu Choices: 1. Grilled Chicken breast with Mustard Tarragon Sauce
2. Parmesan Petrale Sole with Lemon Caper Butter

COST: Cost: \$30.00 for ASME members. \$35.00 for non-members. \$15.00 for ASME student section members.

RSVP: 415-721-4478 or Rsvp@sf.asme.org

(Please make RSVP and specify your meal choice by Monday November 5th.)

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Calendar of Events

November 7	Amtrak - Details on cover page
December 5	Government Relations A Day at the Capital (Sacramento)
December 11	Micro Engines
January 8	ASEE EDGD Workshop @ UC-Berkeley (Details on page 3)
January	Distinguished Speaker - TBD
February	Plant Tour
March	Crab Feed Meeting @ UC-Berkeley
April	SFSU

Chairman's Message

We had our first dinner meeting of the new season on October 3rd. The turn out, the location, and the food were great. Those of us who attended learned a lot about injury biomechanics related to vehicular rollovers. We thank Dr. Serina and Dr. Raphael for taking the time to come to our meeting and for giving this interesting presentation. I also would like to thank Paul Cruel, our section vice chairman, for planning and organizing this meeting.

We continue to plan exciting future meetings and tours based on your suggestions and recommendations. Our next meeting will be at Spenger's in Berkeley on November 7th. Arthur Lloyd with a fantastic rail background will talk trains. We had planned a refinery tour for December, but because of the recent events, such tours have been postponed. We hope to be able to have it next spring. We were fortunate to have Professor Carlos Fernandez-Pello, UC Berkeley to accept our invitation to be our guest speaker for our December meeting. He will explain what he is doing with micro engines.

Our address list for the last mailing of the newsletter had some minor problems and a few members either
(cont'd on page 2)

Nominations Sought for Qualified Candidates to Review Mechanical Engineering Programs for Accreditation

The ASME Committee on Engineering Accreditation (CEA) seeks qualified ASME members from industry, government, and academic sectors to serve as program evaluators to assist in accrediting Mechanical Engineering Program at U.S. colleges for ABET.

ASME CEA carries out the selection, education, and evaluator assignment processes for the evaluators reviewing programs with mechanical engineering. The CEA seeks evaluator candidates, especially those from industry, who are willing to serve ASME and ABET for up to five years.

Prior to participation in accreditation visits, selected ASME evaluator candidates are required to attend a one-day Evaluator Education Workshop. You can find the dates and locations of ABET society training

session on the ABET website at:
http://www.abet.org/prg_evaluator.html

Nominations for reviewers are evaluated two times per year. The nominations are due to the ASME Director of Engineering Education by 1 October and 1 April. The nominations are reviewed by a CEA committee, and successful candidates are approved at the November or July meetings of the full CEA.

Nomination forms and guidelines are available via the World Wide Web (WWW) at:
<http://www.asme.org/educate/abet/evaluator>

To submit nominations or request additional information contact:

Thomas J. Perry, P.E. (perryt@asme.org)
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Fax: (212) 591-7143

(Chairman's....cont'd from cover page)

Received their mail late or did not receive it at all. To make matters worse, the post office treated our first class mail as bulk mail. We are taking steps to correct these problems in the future. I apologize for any inconvenience that this may have caused to any of our members.

We also have made progress in our effort to communicate with the student sections and are looking forward to our joint activities and mutual cooperation.

I would like to emphasize that our goal is to serve your needs. Please check the names and responsibilities that are listed in this newsletter and contact us if we can be of any assistance or if you have any suggestion to improve our process.

Manuch Nikanjam

A Day at the Capitol

LEARN how to become a part of the process, not just an observer.

FOCUS on K-12 math & science education, unsettling and/or restructuring the CA Board for Professional Engineers, engineering in small business, Infrastructure rebuilding, and utility deregulation and power plant approvals.

Wednesday, December 5, 2001
Hyatt Regency Hotel
1209 L Street
Sacramento, CA 95814
(916) 443-1234

Sponsored by ASME and other Organizations

Who should attend?

All California engineering society leaders, future leaders and members interested in getting involved with the legislative process, those willing to learn and work to advance mutually beneficial initiatives, and others willing to promote the legislative goals of professional engineers.

Registration Fee: \$49.00 per person (includes continental breakfast, lunch & coffee breaks).

For more information contact: ASME Western Regional Office
119-C Paul Drive,
San Rafael, CA 94903
Phone: 1-800-624-9002
Fax: 415-499-1338
Email: cambyj@asme.org

New Dimensions in Multidisciplinary Thinking: Issues, Trends, and Implications for Mechanical Engineers and ASME

The Committee on Issues Identification has released a new report that focuses on issues and trends that result from the expanded role of multidisciplinary engineers in all sectors of industry and government. It explores the nature of multidisciplinary engineering – where and how it is being employed – and examines its impacts on mechanical engineering practice, education, professional licensure and the research and development environment. Finally, the report considers the impact of multidisciplinary thinking generally on the field of mechanical engineering, and on ASME International as an organization serving the mechanical engineering profession. Copies of the report may be ordered through ASME Information Central at 1-800-THE-ASME (order #AF0201) or through the on-line Publications Catalog at <http://www.asme.org/catalog>. The cost is \$15 per copy for ASME members; \$20 per copy for non-members. For additional information, contact

Mary James Legatski in the ASME Washington office at 202-785-3756 or at legatskim@asme.org.

2002 Nominating Committee

All members of ASME should have received biographical sketches of the 2002 nominees for Society-wide elective offices, along with their proxy in early September. The 2002 Nominating Committee has urged ASME members to return their proxies.

Special Workshops held in conjunction with the 56th Midyear Meeting and Conference of the ASEE Engineering Design Graphics Divion (EDGD)

Workshop # 1

Specification of Regular and Curved Surfaces for Fabrication:
Workshop on Geometric Dimensioning and Tolerancing
9 am – 5 pm, Sunday, Jan 6, 2002, Berkeley Marina, Radison Hotel

Workshop # 2

3 D Solids Modeling Software:
Hands-on Workshop Using the Most Popular Professional Modeling Software
9 am – 4 pm, Wednesday 9 January 2002, Rooms 2105-2107 Etcheverry Hall, UC Berkeley Campus

\$100 Registration fee for each workshop, fee waived for registered attendees of the EDGD Midyear Meeting.

Information: Contact Prof. Dennis K. Lieu
(510) 642-4014, dlieu@newton.berkeley.edu

Meeting Website: www.me.berkeley.edu/edgd-midyear

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 2001 - 2002

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Influence the Future of Engineering – Become a Mentor

- Influence the career and academic choices of student engineers
- Help young engineers find their way in the profession
- Contribute to the future of mechanical engineering

For more information about mentoring, or to view the mentors already online, please visit.

www.asme.org/ementoring

2001-2002 Member-Get-A-Member Campaign

Invest in the Future of Mechanical Engineering

Help ASME International serve the needs of the mechanical engineering community by sponsoring new members. With each new member, you recruit, 50% of the first year's dues will be spent on scholarships for mechanical engineering students.

For complete program details, log onto <http://www.asme.org/membershipdrive>

Young Engineers Award

ASME International wants to give \$5,000 plus a prepaid life membership to a young ASME member that has done an outstanding job in their profession, community and the work of ASME. **Nominate a Young Engineer** for the Old Guard Young Engineers Award Today!

<http://www.asme.org/cma/og/youngengineer.html>.

We value your contributions. Please submit your comments and suggestions or any news items to the San Francisco Section of ASME through Chair's email address.

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 contact us through our website at www.sf.asme.org and get involved!



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2001 ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION

Nov. 11-16, 2001
New York City

Focus on Nanotechnology

Explore the design, synthesis, manipulation, and control of micro- and nano-scale systems with an array of technical sessions and special presentations, including:

Nano-Structures and Nano-Scale Devices
Miniature Energy Systems
Nano-and Micro-scale Modeling and Technology for Electronic Packaging
Nano-and Micro-Mechanics
Microelectromechanical System Micro-Fluidics
Advances in Applied Mechanics for New Technology
For More Information, see:

<http://www.asme.org/congress>