

MENTORING NIGHT



The annual engineering students mentoring night for SDSU will be held on Tuesday, November 30, 2004, from 7:00 to 9:30 pm, at the Scripps Cottage at SDSU. The event allows engineering students to talk with

experienced engineers on a more personal level on career advices and insights.

A new feature this year is a Silent Auction to raise funds for student activities. Food and beverages will be

provided.

If you would like to participate as a Mentor or if you have items or services of interest that you would like to donate for the Auction, please contact Michael Cacciotti (Chair of the SDSU ASME Section), mecacciotti@yahoo.com; or Eric Bruce, ebruce@attila.sdsu.edu; or sandiego@asme.org – 619-338-9376.

Hope to see you there on November 30.

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TOUR OF TAYLOR GUITARS



Taylor Guitars, one of the world's renowned guitar maker, is located in our backyard in El Cajon. They have a highly automated CNC woodworking shop, and are experts in designing, crafting, and fabricating wood structures. They offer a guided tour of the factory complex which last approximately 1 hours and 15 minutes. There is a good amount of walking involved, and due to the technical content of the tour, it may be unsuitable for small children. Be at the lobby

of the main building by 1 pm on Friday, December 3, 2004. Taylor Guitars is located at 1980 Gillespie Way in El Cajon. For directions log into www.taylorguitars.com/contact/directions.html. There is no cost for the tour but please do RSVP to York Lew (lewy@asme.org or 619-696-2946).

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NATIONAL ENGINEERS WEEK BANQUET



Mark your calendar NOW for the 2005 National Engineers Week Banquet planned for Friday, February 25, 2005. Larry Dumas, retired Deputy Director of JPL, will discuss the missions of the Cassini Huygens spacecraft which is currently exploring Saturn and Titan.

Look for more details in the next issue of the newsletter or visit our Section's website (sections.asme.org/sandiego).

Message from the Chair

Greetings! I am glad to be your Chair this year. We have several exciting meetings and tours planned. I hope you will take advantage of the networking opportunities available to you by your attending these events. If you have suggestions for tours or dinner meetings, I am all ears. If you would like to help our team of volunteers, I am all smiles! Contact me, PLEASE.

Louis Berlin, Chair

Election Results

The following have been elected to serve as Executive Committee Members for the 2004-2005 Society fiscal year:

Chair:	Louis Berlin
Vice Chair:	Katherine Flores
Treasurer:	Tom Frankie
Secretary:	Mike Woodmansee
Nom. Comm. Chair:	Phil Young
Director (04-06):	David Padgett

Elected as members of the nominating committee are Katherine Flores and Ian Parkinson.

In September David Padgett resigned from the position of Director. The Executive Committee has appointed York Lew and Ian Parkinson as Directors with their terms ending on June 30, 2005.

ASME Community of Practice

Where can you go to get the latest ASME San Diego section information? Where can you go to share your ideas with other San Diego mechanical engineers and engineering students without having to leave the comfort of your own home? In the ASME San Diego Community of Practice (COP), that's where! So, come on down to cop.asme.org/COP/ASMESanDiego and say hi. C'mon, it's what all the "cool" engineers are doing! See you there.

ASME's Communities of Practice is an online interaction tool designed with mechanical engineer's needs in mind: links to helpful resources, industry news, and, more importantly, to solutions and ideas from peers. It's much more than discussion boards, because there are many tools integrated into the site to help Communities of Practice members connect with each other. Access to the Communities of Practice site is open to both members and non-members of ASME.

Engineers Provide Sustainable Solutions Through International Volunteerism

ASME members around the world have the chance to get involved in real-world engineering projects, gaining exposure and training in internationally responsible and sustainable engineering through ASME's partnership with Engineers Without Borders™ (EWB-USA).

Offering a unique opportunity for professional engineers (active or retired) and engineering students, EWB-USA is a non-profit organization established in 2000 to help developing areas worldwide with their engineering needs.

EWB-USA projects may involve the design and construction of water, waste-water, sanitation, energy, and shelter systems. Projects are initiated by, and completed with, contributions and support from the local, host community, which is trained to operate the systems without external assistance. In this way, projects are appropriate and self-sustaining. The projects are conducted by groups of students under the supervision of faculty and professional engineers from partnering engineering firms and professional Societies.

ASME members should contact Diedra Hackley (hackleyd@asme.org) if they are interested in any of the above projects, or would like to propose a project of their own.

Tours and Meetings Report

HPS2004, Another Success!



Our Section, in conjunction with IEEE's Oceanic Engineering Society and High Tech High, sponsored the 2004 Human Power Submarine Contest that took place July 28 through August 1. The races were held at the Offshore Modeling Basin in Escondido. Eight teams entered and the Overall Engineering Award went to École de Technologie Supérieure (University of Quebec, ETS Omer). Virginia Tech set a new Guinness World Record for Fastest 1-Person Non-Propeller Driven Submarine (3.574 knots). For the complete scoreboard, visit our Section's website.

We would like to thank all the sponsors and volunteers, especially Nip Shah. Without Nip's leadership, the Contest would not have happened.

College Student News

SDSU

The students are working on several projects: the mini-Baja car for the race near Tucson next year, the Challenge X Vehicle Design Competition, and Human Powered Vehicle. If you or your company can donate materials, services, or funds for any of the projects, please contact Michael Cacciotti, the SDSU ASME Student Section Chair, MECacciotti@yahoo.com.

USD

Excitement is in the air as the Mechanical Engineering program has been established. Efforts are underway to form an ASME Student Section. Labs and equipment are being installed and set up. Soon the students will be involved in design projects. If you want to be kept abreast of the progress of the program, contact Dr. Frank Jacobitz, jacobitz@sandiego.edu.



Celebrating 125 Years of ASME

Log onto www.asme.org/anniversary for up-to-date information on events for ASME's 125th anniversary. Events that are scheduled to take place in 2005 so far:

- **Founders Day: February 16, Wednesday**
- **Boiler Code Day: March 12, Saturday**
- **Heritage Day: April 7, Thursday**

Other events slated to take place during 2005 include landmark designations for William Seller's Screw Threads at the Franklin Institute in Philadelphia, Pa. and the Model-T at the Henry Ford Museum in Dearborn, Mich.

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*Open positions: Programs,
K-12 Relations, Member
Interests, Membership
Development, Professional
Development, Diversity and
Outreach, et al.*



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Article C5.1.2

The following has been quoted from the constitution of the American Society of Mechanical Engineers, current as March 15, 2003:
C5.1.2: 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.

DATED MATERIAL



Monthly Planning Meetings are typically held on the first Wednesday of the month (except July) from 5:30 pm to 6:30 pm at the Hamilton Sundstrand office in Kearny Mesa. All members are invited to attend. Please do contact Louis Berlin at (w) 619-338-9376 or sandiego@asme.org to confirm the date if you plan to attend or if you would like to address the Executive Committee (because the building is secured and because the agenda is typically tight to keep the meeting duration to one hour).

2004-05 CALENDAR

(Please check our website for updates and more details.)

Nov 30	Mentoring Night at SDSU
Dec 3	Tour of Taylor Guitars
Jan 13	Tour of Bilstein Shocks in Poway
Jan xx	Dinner Meeting
Feb 25	National Engineers Week Banquet
Mar xx	“Old vs New Flight Technology” Brunch and Presentation
Mar 16	Judging at Science Fair, Balboa Park
Apr xx	Water Bottle Rocket Launch
May xx	Annual Section Awards Banquet
Apr xx	Judging of UCSD student papers
Jun xx	Judging of SDSU Senior Design Projects

LINKS

Here are several useful websites for ASME-San Diego Section members (please note the new URLs):

ASME San Diego Section: sections.asme.org/sandiego

ASME Region IX (California, Nevada, and Hawaii):

regions.asme.org/regionix

ASME Western Field Office (Regions VIII, IX, and XII):

regions.asme.org/wro

ASME International: www.asme.org