

THIS WILL BE ONE OF THE LAST ISSUES YOU WILL RECEIVE BY MAIL. DUE TO BUDGET CUTBACK FROM ASME, ALL SAN DIEGO SECTION NEWSLETTERS IN THE NEAR FUTURE WILL BE ELECTRONIC ONLY. YOU WILL BE NOTIFIED BY EMAIL WHEN A NEWSLETTER IS AVAILABLE. YOU CAN THEN READ IT ONLINE (AND PRINT IT IF DESIRED). PLEASE SEE PAGE 3 FOR INSTRUCTIONS TO ENSURE THAT ASME HAS YOUR CURRENT EMAIL ADDRESS OR HOW TO OBTAIN AN EMAIL ADDRESS IF YOU DON'T HAVE ONE.

OPERATING A SMALL ENGINEERING FIRM



Come learn first hand the challenges and rewards of operating a small engineering firm from Dr. Rajan Ramaswamy, Principal Engineer at Novo Engineering. Novo Engineering helps companies with design and engineering to bring products

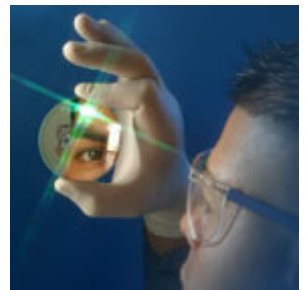
Restaurant Row (Via Vera Cruz and San Marcos Blvd., 760-744-8800)

Social mingling starts at 5:30, with dinner from 6:00 to 7:00, presentation from 7:00 to 8:00, followed by questions and answers. Please see page 2 for reservation details. Non-eaters may come at 7:00 pm for the presentation. (Note: this meeting has been announced via email.)

to market. The meeting will be held on Wednesday, October 26, at the Fish House Vera Cruz in San Marcos'

Precision Light Measurement Instruments

Dr. Richard Austin, President of Gamma Scientific, will present the technology behind precision light measurement instruments from high-accuracy photometers and spectroradiometers to integrating spheres and NIST-traceable light sources. These instruments are used to measure LEDs, CRTs, night-vision displays, or highway signs. The meeting, co-sponsored by the ASME student section at SDSU, is scheduled for Wednesday, November 16, 2005, at SDSU's Scripps Cottage.



Social mingling starts at 5:30, with dinner from 6:00 to 7:00, presentation from 7:00 to 8:00, followed by questions and answers. Please see page 2 for reservation details.

Tours and Meetings Report

Water Bottle Rocket Launch (Apr 2005), Annual Awards Banquet (May 2005), and General Atomics Doublet III-D Tour (Sep 2005):

Due to space limitations, please visit our Section website (sections.asme.org/sandiego) for the reports and download any pictures you like.

Current Year's Volunteers

The following have been elected to the positions shown:

POSITION	NAME
Chair	Ian Parkinson
Vice Chair	John Corrado
Treasurer	Katherine Biederman
Secretary	James Powell
Directors	Nihad Hussain, York Lew, Nip Shah, Phil Young, and Steve Zawadzki
Nominating Committee Chair	Phil Young

Dr. Hussain has resigned from his position because his family is moving to the Sacramento area. We wish the best for him. In addition to the elected officers and positions, the following volunteers have accepted assignments for the committees below:

POSITION	NAME
College Relations	Nip Shah
Human Powered Submarine	Nip Shah
Tours	Tom Frankie
Newsletter Editor	York Lew
Webmaster	York Lew
Honors and Awards	David Hill
Government Relations	Bob Batten
SDCEC (San Diego County Engineering Council) Representative	Phil Young

We thank all the volunteers for their willingness to help. There are other positions available such as Programs, Pre-college Relations, Professional Development, Industry Relations, Diversity and Outreach, Member Interests, et al. If you have a few hours each month or even just a few hours each year and would like to help, please contact Ian Parkinson (619-338-9376 or ParkinsonI@pbworld.com).

DETAILS FOR OCT 26 MEETING (SMALL FIRM)

- When:** Wednesday, October 26, 2005, 5:30—8:30 pm
- Where:** Fish House Vera Cruz, San Marcos Restaurant Row (see website for map)
- Cost:** \$20 for members and guests. \$15 for university student members.
- Menu:** Choice of mesquite-broiled fresh fish (only). Includes salad, vegetables, and rice or potato. Beverages and desserts not included.
- RSVP:** By Saturday, October 22, 2005, to Tom Frankie (tfrankie@tns.net or 858-481-1785). **No shows will be billed.**

DETAILS FOR NOV 16 MEETING (LIGHT MEASUREMENT)

- When:** Wednesday, November 16, 2005, 5:30—8:30 pm
- Where:** SDSU's Scripps Cottage (see website for map and directions)
- Cost:** \$15 for members and guests. \$10 for university student members.
- Menu:** Catered Mexican Fiesta Buffet Dinner including beverage and dessert.
- RSVP:** By Saturday, November 12, 2005, to Tom Frankie (tfrankie@tns.net or 858-481-1785). **No shows will be billed.**

College Student News

SDSU

The students continue to work on several projects: the mini-Baja car, the Challenge X Vehicle Design Competition, Human Powered Vehicle, and Human Powered Submarine. If you or your company can donate materials, services, or funds for any of the projects, please contact Skip Howard, the ASME Student Section Chair, FNHoward@gmail.com.

UCSD

With Professor Buckley as the new Faculty Advisor to the ASME student section, the students are involved again on many projects such as the Human Powered Vehicle and the Human Powered Submarine. It is their intention to re-capture a human powered submarine world record they set in 2002.

USD

The new ASME Student Section is trying to gear up to serve the students. If you or your company can donate equipment or funds, please contact Dr. Frank Jacobitz, jacobitz@sandiego.edu.

Engineers Without Borders

Do you want to share your experience with engineers who are entering the workforce? There are other ways that you can get involved with student engineers, either through a hands-on project or via email through our partnership with Engineers Without Borders—USA (EWB-USA).

As a professional member of EWB-USA, you have the opportunity to mentor student projects in our area or across the country. The mentor oversees all technical aspects of the project and is responsible for the selection of technology, engineering design, prototype testing, and field implementation. EWB seeks engineers with an interest and expertise in water resources, renewable energies, structural design, and cultural knowledge.

For complete information on mentoring and to volunteer, visit the EWB-USA website at www.ewb-usa.org. A local chapter has been formed in San Diego and you can contact Jennifer Chen, EWB-San Diego Membership and Outreach Chair, jchen@pbsj.com for more information.

To all members:

As noted on the front page, ASME is facing budget problems that necessitated funding reduction to the sections. All of our Section's funding comes from ASME. For the current operating year, our allocation from ASME is being reduced by 25%. For next year, the allocation will be completely eliminated.

One of the largest Section expense is the printing and mailing of the newsletters. To save cost, the newsletter would only be available electronically in the near future. You will receive an email notification that a new issue is available. You can then read it online and can print a hard copy if so desired.

In order to be able to alert you, ASME must have your current email address. This can easily be checked by you. Go to <https://www.asmeny.org/memberaddr/html/security.htm> Select the checkbox to change your email address and submit any changes necessary. That is it.

For those of you without an email address, there are several companies that offer free email services. Hotmail (www.hotmail.com) is one and Yahoo (www.yahoo.com) is another (no endorsement is implied). And almost all public libraries have high speed internet access that would allow you to access the newsletter (and practically the whole world!).

We realize that often times the newsletter is the only communication you receive from our Section. We would like to improve that communication. Please update or obtain an email address so you can continue to receive the newsletter in the future.

Your Section Officers

San Diego Section Contacts:

Chair:

Ian Parkinson

619-338-9376

parkinsoni@pbworld.com

Vice Chair:

John Corrado

619-287-9757

Johnr_c@msn.com

Treasurer:

Katherine Biederman

858-513-8163

KFlores@TecateGroup.com

Secretary:

James Powell

619-544-2481

powell_james_b@solarturbines.com

Immediate Past Chair:

Louis Berlin

Nominating Committee

Chair:

Phil Young

858-627-6376

youngp@asme.org

Directors(4) (2005-07):

Phil Young

See above

Nip Shah

858-627-6251

nip.shah@hs.utc.com

Steve Zawadzki

619-532-3979

s.zawadzki@earthlink.net

York Lew

619-696-2946

lewy@asme.org

College Relations & HPS

2006:

Nip Shah

See above

Tours:

Tom Frankie

858-481-1785

tfrankie@tns.net

Government Relations:

Bob Batten

battenr@asme.org

Newsletter Ed / Webmaster:

York Lew

See above

Honors and Awards:

David Hill

619-540-1778

dhill@trcsolutions.com

Open positions: Programs,

K-12 Relations, Member

Interests, Membership

Development, Professional

Development, Diversity and

Outreach, et al.



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San Diego Section Newsletter
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San Diego CA 92129

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 Executive Committee Meetings are held on the first Wednesday of the month (except July) from 5:30 to 6:30 pm at the Hamilton Sundstrand office in Kearny Mesa (4400 Ruffin Road). All members are invited to attend. Please contact Ian Parkinson (parkinsoni@pbworld.com, 619-338-9376) to confirm the date and location if you plan to attend or if you would like to address the Executive Committee (because the building is secured, because the agenda is tight to keep the meeting duration to one hour, and so enough pizzas can be ordered).

2005-06 CALENDAR

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

Oct 26	Operating a Small Engineering Firm
Nov 16	Precision Light Measurement
Dec/Jan	Commercialization of Space
Feb 24	National Engineers Week Banquet
Mar 29	Judging of Science Fair Projects
Apr xx	Annual Water Bottle Rocket Launch
May xx	Annual Awards Banquet
Jul 19-23	Human Powered Submarine Contest
TBD	Judging of UCSD Student Papers
TBD	Judging of SDSU Design Projects

LINKS

Here are some useful websites for ASME-San Diego Section members:

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

ASME International: www.asme.org