



ASME International

San Diego Section

American Society of Mechanical Engineers

Newsletter

VOLUME 10 No. 4

DEC 2003/JAN 2004

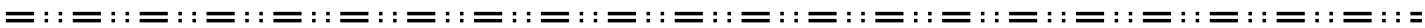
www.asme.org/sections/sd

BEHIND THE SCENE TECHNICAL TOUR OF SEA WORLD

Ever wonder what engineering is required to operate Sea World? Find out by joining us in a behind the scene technical tour planned for Saturday, January 17, 2004. The tour will focus on water quality, temperature control, ozonation, chlorination, water intake and disposal, filtration,

environmental issues, pool dynamics, animal training, and husbandry techniques. The tour will start with a presentation on water quality issues and then continue to a walking tour.

Turn page for reservation and other details.===>



NATIONAL ENGINEERS WEEK BANQUET

Who really invented the Internet? Dr. Nicolas Alexopoulos, Dean, School of Engineering for University of California Irvine, has a fascinating presentation about the genesis and destruction of the First Internet over 2200 years ago. He will present his lecture at the NEW Banquet on Friday, February 27, 2004.

This presentation focuses on the historic events in the creation of Alexandria, the only seaport Egypt ever had. The evolution of Alexandria as the international city of the ancient world and as the first multilingual, multi-religious, and multiethnic society will be discussed. The concept of Alexandria as an ancient and the first Internet in the creation and accumulation of knowledge and as the center of information processing and dissemination will be brought to light. Emphasis will be placed in the founding of the Library/Museum of Alexandria and its impact in the nourishing of some of the greatest minds of all time in literature, science, medicine, and engineering.

The lecture will conclude with a discussion of the events which led to the destruction of the Library/Museum of Alexandria. It will be argued that these events played the key role that brought about the onset of the Dark Ages.

Turn page for reservation and other details.===>



TOUR OF THE NEW IDEC CLINICAL OPERATION (NICO)

IDEC Pharmaceuticals Corp. (Biogen Idec) is one of the largest biotech company in San Diego County. It manufactures some of the nation's best-selling drugs, including cancer-fighting Rituxan. Join us for a tour of the New IDEC Clinical Operation, a world-class facility for manufacturing of biologics located at the

Ocean Ranch Corporate Center in Oceanside. The tour is scheduled for Thursday, February 19, 2004, at 4 pm. RSVP to Ron Miely at 949-476-7800 or ronmiely@peaktechnical.com. Please consult our website for more details and directions.

Message from the Chair

Three (3) events are planned for January and February: two tours and the National Engineers Week Awards Banquet. I hope that one, if not all three, will pique your interest and that you would join us for these exciting programs. The response to the activities this year has been great!

The new year marks the half way point of the Society year. A slate of next year's officers is being assembled. If you are able to work in a team environment to further the goals of our Section and Society, you are welcome to participate as a member of the Executive Committee or as a member of one of the various other working committees. Please contact me if you are interested in serving in any capacity.

ASME is currently undergoing a major reorganization, the first major one since 1980. ASME is calling it "Continuity and Change"--Continuity for retaining ASME's core values and Change to embrace the newest means of communications and the latest technologies. A "General Assembly," open to all stakeholders, is scheduled for Saturday, February 21, 2004, from 1:00—4:00 pm in Berkeley, to solicit inputs from volunteers, members, student members, and non-member users of ASME products and services. You are encouraged to attend this no-cost General Assembly. Please consult our website www.asme.org/sections/sd for more details.

David Padgett, Chair

SEA WORLD TOUR DETAILS

When: Saturday, January 17, 2004, 1 pm
Where: Sea World in Mission Bay.
Cost: \$285 per 25 attendees, so price per person will depend on participation. You do not need to purchase a day pass unless you plan to visit the park before or after the tour. Two tours (50 slots) have been reserved.
RSVP: By Monday, January 5, 2004 by contacting Mike Woodmansee, woodmanseem2@asme.org or (w) 858-720-4125. Please include your name, address, phone number and email address.

NATIONAL ENGINEERS WEEK BANQUET DETAILS

When: Friday, February 27, 2004, 6:00--9:15 pm
Where: Doubletree Hotel Mission Valley, 7450 Hazard Center Drive
Parking: Complimentary on-site self parking or fee based valet parking. The Trolley Hazard Center Station is across from the Hotel.
Cost: \$37 per person, \$30 for college students.
Schedule:
6:00 pm South Pre-function (Foyer): No-host Reception; Registration, Sponsor & Society Exhibit Tables
7:00 pm Dinner, Main South Ballroom
8:00 pm SDEC (San Diego County Engineering Council) Awards Presentations
8:15 pm Keynote Speaker: Dr. Nicolas Alexopoulos
9:15 pm Conclusion of NEW-SD 2004 Awards Banquet
RSVP: Send check for \$37 per person (\$30 for college students) by January 20, 2004 (but absolutely no later than January 30, 2004) to Phillip Young, ASME / NEW Coordinator, 1328 Emerald Street, San Diego, CA 92109-3044. Make your check payable to ASME San Diego Section / Re: NEW SD 2004 Banquet. Please include for each person the full name and meal selection (chicken, fish, or vegetarian pasta). Phil can be contacted at (w) 858-627-6376 or youngp@asme.org.
Check-in: Check-in at the Registration Table at the South Pre-function area and obtain a menu ticket and the table number of your ASME table. If you are registering after the deadline please see the NEW SD Treasurer at the Registration Table (or the ASME person assigned to collect payments at the banquet).

“Decommissioning of San Onofre Unit 1” Tour and Presentation Report

Because of newsletter printing deadline, report is not available. 67 members and guests signed up for the tour and presentation planned for Saturday, December 13. See the next issue or consult our website for updates.

Help Wanted

Our Section sponsors a Water Bottle Rocket Launch in April each year. This event requires volunteers to help with arrangements, advertising, food, setup, and oversight at the event, normally held at Mission Bay. If you are interested in helping to coordinate this event, please email to sandiego@asme.org. Last year's was a great success. Let's launch more this year!

Are you interested in becoming a classroom engineering design mentor (up to 15 hours in the same classroom over a three week period, February 2-20, 2004) to assist students with design and engineering of the *World in Motion* (by SAE) curriculum? For details, consult www.sdsa.org/inscience/roles.html.

Thanks!!

We thank Ron Miely for joining our planning board. Ron will serve as the Tours Director.

College Student News

UCSD HPV

The UCSD student section is designing a Human Powered Vehicle (HPV) to compete in the next HPV competition in April. If you or your company would like to donate money, or materials, or services, please contact David Wiens at 858-699-5792 or dwiens@ucsd.edu.

UCSD Mentoring Night

The annual student mentoring night at UCSD was held on November 20 with 30+ students and 9 mentors. The students gained insight and guidance for real world engineering careers. We thank the mentors for their insight into the engineering world. Thanks to Daniel Smith and the UCSD students for making the meeting arrangements.

SDSU

A mentoring night at SDSU is being planned for February 2004. Please contact David Padgett at sandiego@asme.org or (w) 760-930-3332 if you would like to be a mentor for the night.

Geometric Dimensioning and Tolerancing Course

A one-day, low cost professional development course on GD&T is being offered by ASME Region IX at UC Irvine on Saturday, January 24, 2004. Download www.asme.org/regions/wro/PDF/pdgeo1-24-04.PDF for cost and other registration information.

LINKS

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

ASME San Diego Section: www.asme.org/sections/sd

ASME Region IX (California, Nevada, and Hawaii): www.asme.org/regions/regionix

ASME Western Field Office (Regions VIII, IX, and XII): www.asme.org/regions/wro

ASME International: www.asme.org

San Diego Section Contacts:

Chair:

David Padgett

760-930-3332

dpadgett@asymtek.com

Vice Chair:

Katherine Flores

858-513-8163

KFlores@TecateGroup.com

Treasurer:

Tom Frankie

760-481-1785

tfrankie@ms.net

Secretary:

Mike Woodmansee

858-720-4125

Woodmansee2@asme.org

Immediate Past Chair:

York Lew

619-696-2946

lewy@asme.org

College Relations:

Nip Shah

858-627-6251

nip.shah@hs.utc.com

Government Relations:

Bob Batten

battenr@asme.org

Tours

Ron Miely

949-476-7800

ronmiely@peaktechnical.com

Newsletter Editor:

York Lew

see above

Web Master:

York Lew

see above

Honors and Awards:

David Hill

619-540-1778

davidhill@nctimes.net

3 Directors (200320-05):

Phil Young

858-627-6376

youngp@asme.org

Eric Ostrowski

858-480-7219

nostromo35@cox.net

Nip Shah

see above

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



ASME International

NON-PROFIT ORG
U.S. POSTAGE
P A I D
PERMIT NO. 1645
SAN DIEGO, CA

The American Society of Mechanical Engineers
San Diego Section Newsletter
Editor
8215 Thimble Ct
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 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 David Padgett at (w) 760-930-3332 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 CALENDAR

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

Jan 17	Behind the Scene Technical Tour of Sea World
Jan xx	Visit 1 st Year Engineering Classes at UCSD and/or SDSU
Feb xx	Mentoring Night at SDSU
Feb 19	Tour of IDEC Pharmaceuticals Clinical Operation
Feb 21	ASME General Assembly: "Continuity and Change" Berkeley
Feb 21-22	Regional Administrative Conference, Berkeley
Feb 27	National Engineers Week Banquet
Mar 17	Creative Spine Implant Technology, Jason Blain, Manager of Implant Systems Development
Mar xx	Tour
Mar 24	Judging of Science Fair Projects
Apr xx	Dinner Meeting TBD
Apr 24	Water Rocket Launch Family Day
Apr xx	Judging of University Student Paper Contests
May xx	Tour
May 21	Annual Awards Banquet
June xx	Judging of Senior Design Projects