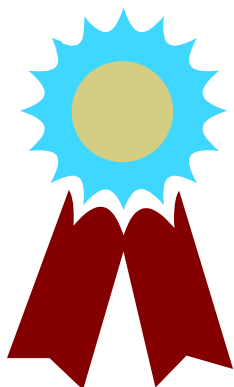




ANNUAL SECTION AWARDS BANQUET



It is awards time again! This annual end-of-year event is the opportunity to honor and recognize the recent Science & Engineering Fair winners, the university engineering students, the 25- and 50-yr ASME members, and your local volunteers. Next year's officers and volunteers will also

be introduced. The Awards Banquet will be held on Friday, May 11, at the Best Western Seven Seas in Mission Valley (Hotel Circle).

The Science Fair winners will display their projects and would be available for questions.

The schedule for the evening is as follows:

- 6:00-6:45 Social Hour and Display of Science Fair Projects
- 6:45-7:30 Dinner
- 7:30-7:35 Award for Science Fair Winners
- 7:35-7:45 Award for 25- and 50-yr Members
- 7:45-7:55 Recognition of Local Volunteers
- 7:55-8:00 Introduction of New Officers and Volunteers
- 8:15-9:00 Presentations by university students




The Awards Banquet is the culminating event of our year. Please come to honor our retired, current, and future engineers.

DETAILS

- When:** Friday, May 11, 2007, 6:00--9:00 pm
- Where:** Best Western Seven Seas, Mission Valley (411 Hotel Circle South, 92108)
- Cost:** Complimentary for invited guests of honor. \$20 for members and non-members and \$15 for college student members. (To show our appreciation for your membership, our Section is subsidizing everyone.)
- Menu:** Choice of Roast Turkey (w/ mashed potatoes, dressing, & cranberry sauce) or Beef Pot Roast (w/ roasted potatoes), both served with green salad, seasonal vegetables, rolls, coffee, tea, and raspberry white chocolate cheesecake.
- RSVP:** By COB Monday, May 7, 2007, to York Lew (lewy@asme.org or 619-696-2946). Please indicate choice of entrée. No shows will be billed.

THREE ASME INTERNATIONAL EVENTS HAPPENING IN SAN DIEGO!

Members are urged to take advantage of the following ASME International events happening in San Diego:

-  **OMAE 2007**—The 26th International Conference on OFFSHORE MECHANICS AND ARCTIC ENGINEERING, June 10-15, 2007. This is truly an international event—the last time it took place in the US was in 2000. In conjunction with the Conference, there will be an Outreach to Engineers Forum “Career Opportunities in the Offshore and Arctic Engineering Profession” and Short Courses (Carbon Sequestration in Sedimentary Basins, Computational Fluid Mechanics (CFD) Theory and Practice Applied Offshore, and Vortex Induced Vibration (VIV) Theory and Practice Applied Offshore). Visit www.OMAE2007.com for details and registration information.
-  **5th Joint ASME/JSME Fluids Engineering Conference**, July 30-August 2, 2007. Visit www.asmeconferences.org/FEDSM07 for details and registration information.
-  **20th Annual Bioprocess Technology Seminars**, October 1-5, 2007. Visit www.asmeconferences.org/bioprocess07 for details and registration information.

Tour Reports:

Our Section recently arranged tours to Kyocera, America, Poway Midland Railroad Museum, NASSCO Shipyard, and Space and Naval Warfare Systems Center (SSC San Diego). Did you miss some? You can read the reports and view some pictures on our Section website.



San Diego Section Ballot, Society Year 2007-2008

Please indicate your vote with a check mark ✓ or by a write-in

POSITION	NOMINEE	WRITE-IN
Chair	_____	_____
Vice Chair	Mark Shin _____	_____
Treasurer	Bill Jenkins _____	_____
Secretary	James Powell _____	_____
Director (2-yr term)	Phil Young _____	_____
Director (2-yr term)	Steve Zawadzki _____	_____
Director (2-yr term)	York Lew _____	_____
Nominating Committee Chair	Phil Young _____	_____
Nominating Committee Member	_____	_____
Nominating Committee Member	_____	_____

Please mail your ballot to arrive by May 5, 2007, to:
Tom Frankie, 525 Torrey Point Rd., Del Mar CA 92014

Member Name: _____ Membership No. _____

Member Signature: _____ Date: _____

**ASME San Diego Section Presents
A One-day Career Development Course on
Introduction to Finite Element Analysis (FEA)**

When: Saturday, April 28, 2007

Time: 9:00 am to 4:00 pm (check-in 8:30 am)

Where: Solar Turbines, 2200 Pacific Highway, San Diego, CA 92101

Instructor: James B. Powell, P.E., powell_james_b@solarturbines.com, 619-544-2481

Text: Handouts Provided

References: Schaum's Outline on Finite Element Analysis, George R. Buchanan, can be purchased from an online vendor for ~\$15 (OPTIONAL, not included in course cost)
Software, Visual FEA/CBT V1.0, Wiley, can be purchased at class for \$30 (OPTIONAL, not included in course cost, for description see www.wiley.com/WileyCDA/WileyTitle/productCd-0471212075.html)

Cost: \$80 for ASME Members; \$30 for ASME Student Members; \$120 for Others
Lunch and refreshments included. \$20 extra if paid on day of class.

Cancellation: Full refund if canceled by April 21 or if canceled by San Diego Section. 75% refund if canceled by April 26. No refund if canceled after April 26.

Course Content:

- 1) Introduction to finite difference method, variational mechanics, and FEA
- 2) A little mathematics
- 3) FEA, element formulations, energy methods
- 4) Examples from dynamics and heat transfer
- 5) Homework (those who would like solutions can return for a second meeting)

Education Level:

The course assumes junior/senior level engineering course work is completed with basic understanding of Strength of Materials, Thermodynamics, Materials Science, and Heat Transfer.

REGISTRATION FORM
FEA – SATURDAY, APRIL 28, 2007

Name _____

Phone _____

Address _____

Check One:

ASME Member _____

ASME Student Member _____

Other _____

Email _____

Amount Enclosed _____ (no cash please)

Return Form and Check (payable to ASME San Diego Section) by April 18, 2007 to:
James B. Powell, Solar Turbines, P O Box 928007, San Diego, CA 92192-8007

ASME 2007 EARLY CAREER FORUMS & FAIRS

Don't miss this opportunity to network with peers and get first hand practical advice and information on issues relevant to your developing engineering career.

Attend the next Early Career Forum & Fair in Montreal, Canada - May 13, 2007 (At ASME Turbo Expo) Palais des Congrès in Montréal, Canada, 9:00 AM - 5:00 PM

The program will consist of a career fair which will follow two panel discussions moderated by successful industry experts and senior-level engineers, from *Pratt & Whitney, Rolls-Royce, MTU Aero Engines, Dassault Aviation Systems and NASA*

[Register now/get more information](#)

www.asme.org/Communities/EarlyCareer/Forum/Early_Career_Forum_Fair.cfm

Program Highlights

- The Global Landscape: Essential Strategies to Transform Your Career in the Gas Turbine Industry
- Career paths in the gas turbine industry
- The Gas turbine industry – globally speaking

*Registration will include admission into [ASME's Turbo Expo](http://www.asmeconferences.org/te07) (www.asmeconferences.org/te07) technical sessions for Monday, May 13

Other Early Career Forums & Fairs

Toronto, Ontario, Canada - June 10, 2007 (At ASME Summer Annual Meeting)

Seattle, Washington – Nov. 11, 2007 (At ASME International Mechanical Engineering Congress & Exposition).



Advancing Your Career

The ASME Professional Practice Curriculum (PPC) is an online resource designed to help you advance in the engineering profession by providing guidance and resources on subjects that complement an engineers technical skills.

The PPC consists of 42 modules on topics ranging from product development and writing cost proposals to team building and negotiation. The PPC also provides information on alternative engineering career paths such as patent law, marketing and sales, and entrepreneurship.

Currently the 5 modules in the Career Transition Series are free of charge. ASME members additionally have access to the following 4 modules through the [Members Only](#) website:

- Introduction to Intellectual Property (Business & Legal Series)
- Leadership Styles and Attributes (Management & Leadership Series)
- Effective Technical Presentations (Communications Series)
- Product Management (Product Management Series)

To get started, please visit www.professionalpractice.asme.org.

San Diego Section Contacts:

Chair:

John Corrado

619-287-9757

Johnr_c@msn.com

Vice Chair and Tours:

Mark Shin

shinster1@yahoo.com

Treasurer:

Bill Jenkins

d-jenkins@sbcglobal.net

Secretary:

James Powell

619-544-2481

powell_james_b@solarturbines.com

Immediate Past Chair:

Ian Parkinson

619-338-9376

parkinsoni@pbworld.com

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

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s.zawadzki@earthlink.net

York Lew

619-696-2946

lewy@asme.org

Director(1) (2006-08):

Mike Cacciotti

MECacciotti@yahoo.com

College Relations:

Nip Shah

See above

Programs:

Tom Frankie

858-481-1785

tfrankie@tns.net

Government Relations:

Bob Batten

Rbatten1@cox.net

Newsletter Ed / Webmaster:

York Lew

See above

Honors and Awards:

David Hill

619-540-1778

dhill@trcsolutions.com

Open Positions:

Professional Development, Pre-College (k-12), Industry Relations, Member Interests, and others.

CLASSIFIEDS

Help Wanted: Please visit <http://sections.asme.org/sandiego/jobs.htm> for recent requests for engineers directly from the hiring companies.

If you would like to advertise in this section of the e-newsletter (i.e., NOT mailed to members), please contact sandiego@asme.org for eligibility and rates.



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 John Corrado at johnr_c@msn.com or 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).

2007 CALENDAR

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

Apr 28	Local Course: Introduction to FEA,
May 11	Annual Section Awards Banquet
May xx	Tour of SAIC
May xx	Water Bottle Rocket Launch
Jun 10-15	OMAE 2007, Mission Bay
Jul 30-Aug 2	Fluids Engineering Conference, Harbor Island
Oct 1-5	Bioprocess Technology Seminars, Mission Bay

LINKS

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

*ASME San Diego Section: sections.asme.org/sandiego
ASME District D (combined former Region VIII & IX covering Washington, Oregon, Idaho, Montana, California, Nevada, Hawaii, Alberta, British Columbia, Northwest Territory, & Yukon Territory): districts.asme.org/districtD
ASME International: www.asme.org*