



ASME International

San Diego Section
American Society of Mechanical Engineers

Newsletter

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www.asme.org/sections/sd

NATIONAL ENGINEERS WEEK BANQUET ADDRESS: “IAQ - Simple Solutions to Complex Concerns”

Mr. Richard A. Charles, PE, will present the latest information on indoor air quality, which is covered in ASHRAE Standard 62 - 2001 “Ventilation for Acceptable Indoor Air Quality” and GPC 12-2000 “Minimizing the Risk of Legionellosis Associated with Building Water Systems.” He will also present the latest information on the control of moisture, mold, and fungus in buildings.

Mr. Charles, past President of ASHRAE, is currently Principal of Charles & Braun Consulting Engineers, in San Francisco, and is a

Distinguished Lecturer of ASHRAE.

This presentation is sponsored by the San Diego National Engineers Week Planning Committee in conjunction with the National Society of Professional Engineers, and the San Diego Chapters of the California Society of Professional Engineers and the American Society of Heating, Refrigerating, and Air Conditioning Engineers.

Hope to see you there!

DETAILS, DETAILS

What: National Engineers Week Banquet (Displays, Dinner, Keynote Address, Awards, and Networking)

When: Friday, February 21, 2003, 5:30 pm No Host Bar Opens, 6-7 pm Check in and Social Hour, 7 pm Dinner is Served

Where: Doubletree Hotel Mission Valley, 7540 Hazard Center Drive

Cost: \$35 members and guests

RSVP: Phil Young, P.O. Box 85757, MZ: S, San Diego CA 92186-5757, youngp@asme.org, or 858-627-6376. Please indicate dinner choice (Chicken Aubergine, Baked "Native" Sea Bass, or Chef's Choice Veggie). RSVP by Thursday, February 13, 2003.



Message from the Chair

This month we are commemorating National Engineers Week (from February 16-22). As I reflect upon our profession's impact on society, I recall the following perspective (edited) from an unknown author:

"When I was a kid adults used to bore me to tears with their tedious diatribes about how hard things were when they were growing up; what with walking twenty-five miles to school every morning uphill both ways through year 'round blizzards carrying their younger siblings on their backs to their one-room schoolhouse where they maintained a straight-A average despite their full-time after-school job at the local textile mill where they worked for 35 cents an hour just to help keep their family from starving to death!

"Now I can't help but look around and notice the youth of today.

"I mean, when I was a kid we didn't have The Internet--we wanted to know something, we had to go to the library and look it up ourselves! And there was no email! We had to actually write somebody a letter with a pen!-- and then you had to walk all the way across the street and put it in the mailbox and it would take like a week to get there!

"We didn't have fancy stuff like Call Waiting! If you were on the phone and somebody else called they got a busy signal! And we didn't have fancy Caller ID Boxes either! When the phone rang, you had no idea who it was, it could be your boss, your mom, or a collections agent, you didn't know!!! You just had to pick it up and take your chances!

"And we didn't have any fancy Sony Playstation videogames with high-resolution 3-D graphics! We had the Atari 2600! With games like Space Invaders" and "Asteroids." Your guy was a little square! You had to use your imagination! And there were no multiple levels or screens, it was just one screen forever! And you could never win, the game just kept getting harder and faster until you died!"

So, have we engineers "improved" our society?

Seminars: "Geometric Dimensioning and Tolerancing"
"Fundamentals of Probabilistic Mechanical Design"

ASME Region IX is offering one-day, low cost seminars designed to minimize time away from work or family. All seminars will be held from 9 am to 4 pm on Saturdays at Cal State University Fullerton. The fee is \$80 for ASME members, \$120 for non-members, and \$30 for ASME student members.

Geometric Dimensioning and Tolerancing will aim to take the mystery out of GD&T. This seminar is presented in four sections: (1) the science of GD&T and how it works, (2) detailed definitions of the functional rules of the current standard and illustrates their application and usefulness, (3) tools and rules in the standard which fail to perform useful functions, and must therefore be avoided or used with great caution, and (4) how to "encode" the function of each feature of a CAD model using Smart GD&T methods. This GD&T seminar will be offered on Saturday, April 5, 2003.

Fundamentals of Probabilistic Mechanical Design will aim to familiarize attendees with the basic concepts and practices of random events, random processes, geometric probabilities, as well as probabilistic approaches in reliability engineering. This seminar will be offered on Saturday, March 1, 2003.

For a registration form, or more information, or for additional course locations, call 800-624-8002 or visit www.asme.org/regions/wro.

January Dinner Meeting Report

Because of printing and mailing deadlines, the highlights of our January dinner meeting will not be reported in this issue. Look for that report, along with the highlights of the NEW Banquet, in the next issue.

Help Wanted

Ecodom Corporation is a young company specializing in the marketing and distribution of environmental products for the automotive industry. Currently they are anticipating the launch of their flagship product: the ECOred™ - a device that has been proven to significantly reduce vehicle emissions when tested under the USEPA FTP Bag III test. They are currently searching for engineers to join their new San Diego office to continue testing and development of the product. BSME, strong engine and exhaust knowledge with thorough experience in automotive industry are required. Please fax resume to 619-686-4004 or e-mail to itai@ecodom.com. Also, please visit their website www.ecodom.com.

Future Success of ASME International

The future success of the Society depends on the effective utilization of the knowledge and abilities of its individual members. If the Society is to improve or refine its present programs, it is essential that the members continue to select new officers who are capable, dedicated individuals with exceptional leadership qualities. The 2003 National Nominating Committee, consisting of 38 voting members, urges that you submit your proposals now. As part of its selection process, the Committee will study each of the written proposals submitted on behalf of all proposed nominees for office and will interview the proposed nominees and their supporters. The Nominating Committee will select 13 nominees for Vice Presidential positions for the 2004-2007 term. There will be four Regional Vice President positions (III, V, X and XII); four Engineering Vice President positions (Basic Engineering, Communications, Energy Conversion, and Research); two Codes and Standards Vice President positions (Performance Test Codes and Standardization); and three other Vice President positions (Pre-College Education, Professional Practice, and Public Information). The Nominating Committee will also select three nominees for the member-at-large positions on the Board of Governors for the 2004-2007 term, and a nominee for President for the 2004-2005 term. If, as a member of ASME, you are interested in submitting a proposal for any one of the above elective offices, please contact Judith Ann Bamberger, Secretary, 2003 Nominating Committee, at 509-375-3898, bambergerj@asme.org.

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

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Dan Bedore
Mike Pearson

Other open positions:

Programs, Member Interests /
Membership Development,
Professional Development,
Minorities and Women, 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, revised to October 1981:
C5.1.2: The provisions of the Constitution, and Bylaws and Policies and Procedures established by the Board of Governors of the Society shall govern the procedure of all components of the society but no action or obligation of such components shall be considered an action or obligation of the society as a whole. The provision shall be imprinted on any publication issued by such components.

DATED MATERIAL



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2003 CALENDAR

February 21	National Engineers Week Banquet
March	Engineering Students Mentoring Night at SDSU
April 26	Family Activity: Water Rocket Launching
May	Awards Banquet at Tom Ham's Lighthouse
June	TBD

Monthly Executive Committee Meetings are typically held on the first Wednesday of the month 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 York Lew, (w) 619-696-2946 or lewy@asme.org, to confirm the date if you plan to attend or if you 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).