

Warning: Informative, at times fiery, somewhat long-winded, message inside. Read at own risk!

Next Dinner Meeting

Date: Tuesday, 27 September 1994

Location: Spengers Fish Grotto
1919 Fourth Street
Berkeley

Directions: From I-80, take the University Avenue Exit (Berkeley) going east. At the first stop light, 6th street, take a left. Proceed to Hearst Street where you'll take another left. Proceed to 4th street and take another left. You're there!
Parking: Free and located across from the restaurant.

Menu Fit for A King/Queen

Menu: New York Steak (16 oz. Center Cut Loin of Beef), Grilled and served with baked potato, seasoned sour cream and fresh vegetables.

Fillet of Salmon (Baked with butter, served with au gratin potatoes, fresh vegetables, lemon wedge and tartar sauce).

Both of the above entrees are served with a french roll or french bread and butter, salad with choice of dressing, ice cream or sherbert, coffee, milk, decaf, or tea.

Time: 6:00 PM Social Hour
7:00 PM Dinner
8:00 PM Program

Prices Fit for a Pauper

Cost: \$20 ASME Members
\$10 Student Members
\$22 Non-Members
\$12 Student Non-members

RSVP: S.F. ASME
(415) 721-4478
RSVP before 23 September 1994

"International Wheel Chair Building : A Case Study in Cooperative Design"

Guest Speakers

Dr. Peter Pfaelzer, Program Director
Dr. Ralf Hotchkiss, Technical Director,
San Francisco State University's Wheeled Mobility Center.

Drs. Pfaelzer and Hotchkiss will discuss the need for wheelchairs in developing countries, the history of the Whirlwind Wheelchair Network, and the challenges faced by future designers, especially weight and cost.

The Whirlwind Wheelchair was originally developed in Nicaragua and the Philippines between 1980 and 1985 by local rider/builders working with Wheeled Mobility Center (WMC) Technical Director Ralf Hotchkiss. The Whirlwind is designed to meet extremely high standards, set by the wheelchair riders who are often wheelchair designers and builders, and is nearly as light as some of the best commercial ultralight wheelchairs. It is manufactured indigenously in small or medium-sized workshops with an investment, including start-up, of about U.S. \$2,000 - \$4,000 per skilled worker. In most countries, depending on local labor and material rates, the wheelchair is manufactured and sold for between U.S. \$150 and \$250.

Between 1980 and 1992, the Whirlwind Wheelchair Network helped to start more than 25 wheelchair workshops in 20 developing countries. Just recently, Drs. Hotchkiss and Pfaelzer returned from trips to Russia and the Gaza Strip where they're continuing the WMC's efforts.

They have, quite literally, a world of experiences to share with us. I can personally vouch for this as I was fortunate to see their presentation at last Spring's Bay Area Technical Conference on Bioengineering. They were outstanding and their presentation was very well received by the audience.

They say that have few additions and changes to make to their presentation. Trust me, you won't want to miss their presentation. See you there!

"Message from the Chair"

Welcome! My name is Don Moseman and I am honored to represent you as your section Chair this year. I take this responsibility very seriously and will do my best to represent and serve you. Accordingly, we have planned a handful of exciting activities for you and we sincerely hope that you will make the time to enjoy them.

Let me start by thanking Bill Nott, last year's Section Chair, for the fine job he has done and for assembling a strong team of volunteers. His efforts have not gone unrecognized. ASME National has asked him to take a leading role in WAM '95. You'll be hearing more about this throughout the year.

Do we have a program for you? You bet we do!
We have chosen to focus our efforts in three areas:

- **Member Interests (e.g. Unemployed Members)**
- **Industrial Relations**
- **Educational Outreach**

Unemployed Members

The primary focus of our "Unemployed Member's" activities will be to put the unemployed members or "soon-to-be unemployed members" in contact with fellow ASME members working at companies in which the unemployed members have an interest.

Another vital component of this program are seminars put on by our Western Regional Director, Lynden Davis, on resume writing, interviewing, and other related job hunting skills. Those members wishing to learn about ASME's job bulletin board, or other job related services, should call the Western Regional office at 1-800-624-9002.

And, when you get the job, lets keep it! Bill Nott, last year's Section Chair, will present Moving-Up, ASME's career development program. Members will learn, through the Moving-Up Program, the skills they need to get ahead in the work place.

Note: If you're employed you'll just have to be satisfied with our excellent dinner meetings, dynamic speakers, and informative, at times exciting, tours. No special programs for you. :-)

Industrial Relations

Our Industrial Relations Chair, Zaki Alherz, a dynamic and positive individual, will organize the fall "Industry Breakfast." The purpose of this event is to provide an arena in which industry can express its needs to ASME. And, ASME can bring to industry's attention the programs and services we have to offer. Our last Industry breakfast, hosted two years ago by Marco Bruzzano of Chevron, went over very well, with several useful and candid comments from those who participated. We will do our best to build upon this success, to understand and respond to the ever changing needs of industry, and to communicate how we can and can't help.

Educational Outreach

Our Educational Outreach Chair, Branden Muramatsu, will have his hands full, but knowing Branden as I do, I have full confidence that he will perform admirably. Educational Outreach is a new committee

My friend, this life is too short for you to short change yourself. Look at the cup as half-full, not half empty. Be an optimist, not a pessimist.

Now I know many of you have good intentions and would, if you had the time, volunteer and help, if, "Only you had the time."

Another one of those gems I learned was, "Pound em in the third." (We had 3 rounds. Your opponent usually began to tire, as did you, in this last round). The philosophy was straight forward. Give it all you've got! No holds barred!

Well judging by what I see around me everyday, I'd say we're damn near at the end of our 3rd round. I see dramatic lay-offs of engineers. Talented, experienced individuals being told that there just isn't any work for them. Corporate reorganizations and business reengineering (How dare they use this term so loosely!). I'd say it's time for you to get off of the sidelines and come on in and join us. We sure could use your help.

I'm not one of those who will meticulously plan to the last detail. Don't get me wrong, I plan, just not 'til hell freezes over. My philosophy is, "lets figure out what needs to get done and just do it." We have a plan for each of our focus areas and we want you to participate. Don't wait until it's too late. Get involved now while we can all still make a difference.

Well, by now, I've either angered, confused, impressed, or agitated you (or a combination thereof). In any event, I'd like to hear from you. I know volunteering is important because I've experienced its positive effects in other parts of my life. So does the guy who met a guy who knew the guy who hired him for that job.

You never know what's going to happen until you try! We look forward to working with or for you..

Sincerely,

Don Moseman, San Francisco Section Chair
(415) 768-1234 (Work)
(415) 358-9017 (Home)

"Nothing is beyond the realm of possibility if we only believe."

College Corner

A big ASME welcome to all of you student members. If you've read "The Chair's Message," you've seen that we hold you needs in high regards. This is your section of the newsletter. Student section chairs and other committee members, this section will be devoted for your communications. Please make good use of it.

Student Professional Awareness Conferences: SPACs are conferences put on entirely by students which strive to present non-technical, career oriented material (e.g. Career growth, job hunting, resume writing, job interview skills, self-management, etc.) The UCB sections of IEEE (SPAC Originators) and ASME will be putting on such an activity this year! Those students interested in learning

position which, unknown to Branden, I designed for a person just like him. It acts as an umbrella for College Relations, Mentoring, Discover-E, and MathCounts. Furthermore, Branden, via UCB's Joe Wujek (Thanks Joe!), will be introducing a new program, "Student Professional Awareness Conferences (SPACs)." These conferences will be organized entirely by the students (e.g. Originated by IEEE, ASME to join IEEE this year to "test the waters."). Good luck to you all!

Well. We've come around full spectrum. From career planning via "Moving-Up" to Job Search programs and techniques for our unemployed members. It is very fitting that we end up where we all began! Education. Where would we be without a talented cast of graduating engineering students to replenish the work force? Their success is critical to our success! Believe it because it's true.

You'll notice that I've covered only 3 Areas. Of course we have other activities (e.g. History & Heritage and MathCounts are discussed further in this newsletter). I'll bring these to your attention in subsequent newsletters or you're welcome to call me or the respective committee chairs (Shown at the end of this newsletter) to discuss them in detail.

Now the Message

On a personal note, I'd like to share with you some of my thoughts, my philosophies if you will. They pertain to how I try to run my life, and how I believe they could positively impact your lives (Don't worry! I won't get too religious on you).

These thoughts were shaped 12 years ago, when I was actively embroiled in college athletics (I wrestled for San Francisco State University). Our coach, a 225 lb, 6'-2" Swede named Lars, would really pound on those wrestlers who came late, didn't give 110%, etc.. (You know the drill!). To this day, the words he'd yell to the wrestlers arriving late to practice, are etched on my memory. "God D#n it! You're late for practice! Are you late for your classes? You'll probably be late to your final exams. You'll probably be late the day of your wedding." Being late to practice may not seem all that serious to you on the grand scale of life, but his point goes much deeper. You have to read into what he was saying! remember that he applied it to many situations.

The moral I learned was, "how I practice in the room (e.g. how I carry myself in my ASME activities) and carried myself in the room was a reflection of how I carried and would carry myself outside of the room in the "Real World" (i.e. our jobs and families). I know this to be true as I've seen this principle carried out time and time again over the last ten years, resulting both in good and sadly, at times, very bad consequences.

Why am I telling you all of this. What does it have to do with ASME. It has very little to do with ASME, but it could have very much to do with ASME. Make sense yet? Very simply. How you carry yourself in one activity is usually reflective of how you carry yourself in other activities. How I have performed in ASME, the leadership responsibilities I have taken on, and the skills I have developed (e.g. organizing, facilitating meetings, communicating, etc.) have reflected positively in my job with my employer Bechtel. It could do the same for you.

more about SPACs or participating should contact our Educational Outreach Chair Branden Muramatsu at (510) 654-5894.

Job Postings

Flash.....Flash.....Flash.....Just over the wire. Mike Schramm from SDRC is aware of several job opportunities in the NVH (Noise, Vibration and Harshness) area. These jobs would be in the auto industry in the semi-suburban and country areas surrounding Detroit. In general, the employer is looking for experienced engineers, but in one case, a junior engineer was appropriate. For further information, contact Mike Schramm at e-mail address mike.schramm@sdrc.com.

Mathcounts Volunteer Opportunity

Mathcounts is a mathematics competition for 7th & 8th graders which is held at local, regional, state and national levels. Its purpose is to motivate the students and to foster in them a love and interest of mathematics. Volunteers may assist by:

- Coaching (Starts immediately)
- Organizing (Starts in February)
- Proctoring (Day of Event in February)
- Scoring (Day of Event in February)

Those interested should call Julia Gee at (510) 242-5508.

For Parents of 7th & 8th graders who may be interested, your child's math teacher may contact Julia in order to obtain coaching materials (Of course you can call her too. It's just that the coaching materials are limited to Teachers and coaches).

History & Heritage

Our main goal this year for History & Heritage is to establish an ASME National Landmark. We would be honored to accept your recommendations. We have a handful of our own, but feel strongly that the best candidate could be a grass roots recommendation! Please contact our H&H Chair Joe Van Overveen at (510) 283-3650 with your recommendations.

Honors & Awards

Fellow, Fellow, Fellow, Fellow, Fella (Whoops! :-o) You get the point. If you've been feeling inundated lately with articles (e.g. in ASME News, etc..) advocating that you recommend qualified ASME members to the grade of fellow, then somebody's doing their job right!

Personally, this is a dirty business! Less than 2% of the society has attained the grade of Fellow. I can assure you the reason is not because they are not qualified. It is simply due to lack of support by fellow members, like ourselves (I too am the guilty party) in making the recommendations and performing the work necessary to carry the Fellow application through the review and approval process.

We want very much to hear from you regarding who you believe would make a fine candidate for the grade of Fellow/Fella. Please contact me personally at (415) 358-9017 / (415) 768-1234 to discuss.

1994 - 1995 San Francisco Section Executive Council

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