



ASME International

Susquehanna Section News

Editor: Milton H. Leake, PE

September 2003

Chairman's Message

Hello Everyone. I hope all of you had a safe and enjoyable summer. I would like to welcome you to the start of another exciting year for our Section. This year we have several exciting programs in the works. I hope you will be able to come out and join us. In addition to our Monthly meetings, we will be holding Executive Committee (EC) meetings every other month, starting in September. I would like to welcome two new members who have joined the EC, Richard Dague and Richard Nornhold. If you would like to help out the Section or just want to see how these meetings benefit the Section, please check the schedule that will be published in the newsletters. You can also see what is going on in the Section by visiting our Section Web site at www.asme.org/sections/susquehanna. We keep this up to date with the latest news on what is going on with the Section.

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PE Review Course to be held in new location

This year the Review Course for the Professional Engineering Examination for Mechanical Engineers will be held at Armstrong World Industries in Lancaster. The deadline to sign up is November 1, 2003. Classes begin on Tuesday evening, November 11. There will be 18 sessions, finishing shortly before the exam date. Cost is \$350 for ASME members, \$400 for non-members. Attendees are responsible for applying to the Pennsylvania State Registration Board for Professional Engineers to take the exam. Deadline for application is December 1, 2003

See the Susquehanna Section Web site for forms and information about the course. Also, read the article entitled "Engineering Licensing is Important for your future."

A copy is included for those who receive the Newsletter by US Mail. If you have questions, or wish to have a copy mailed to you, call Milton Leake at 717-757-7097

Program Plan 2003-2004

| | |
|----------|--|
| Sep 17 | Executive Committee Meeting |
| Sep 24 | Picnic and Sea Solar Power Presentation |
| October | Tour of Conestoga Wood , Specialties, East Earl, PA |
| November | Tour of expanded Industrial Museum, York, PA |
| December | Tour of Giant Center Mechanical Systems & Hershey Bears' Hockey Game |
| February | Engineers' Week Dinner |
| April | Distinguished Lecture |

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2003 ASME International Mechanical Engineering Congress and Research Development and Design Conference



Don't forget to register for the 2003 ASME International Mechanical Engineering Congress and RD&D Expo!

The 2003 Congress will be held in Washington, D.C. at the Marriott Wardman Park and the Omni Shorham Park hotels.

All technical sessions, registration, publication sales and the RD&D Conference will be held at the Marriott Wardman Park Hotel. All other meetings or events will be held at the Omni hotel. The program overview, registration hours, ticket, travel and hotel information can be found at asme.org/Congress03

Diversity Action Grants Available

Through its Diversity Action Grants (DAG) Program, the Board on Diversity and Outreach (BDO) provides funding for innovative ASME Student Section projects that support diversity and work to increase the participation of under-represented minority groups and women in the student sections and in the mechanical engineering profession.

Grants ranging from \$500 to \$1,500 are awarded on a competitive basis each year. The deadline for submitting applications for the 2003-2004 DAG Program is November 1, 2003. Additional information may be found at <http://www.asme.org/communities/diversities/bdo/dag.html>.

Young Engineers Forum Sunday, Nov. 16, 2003

Effective Presentations and Communication in the Workplace.

Join the 23rd Young Engineers Forum in Washington D.C.! This special event will deliver four informative presentations and a panel discussion. Don't miss this opportunity to meet our experts and walk away with valuable insights for your career.

REGISTER TODAY!

www.asme.org/yef/23/program.html

ADVANCE \$25, ON-SITE \$30

This special event is held in conjunction with the 2003 ASME International Mechanical Engineering Congress and RD&D Expo. (Separate registration is required to attend).

Chairman's message, Continued

A new feature this year will be the Employment page. Here you will be able to post your resume and browse job opportunities that are available in the Section. As another service to the Section, we will again be offering the PE Review Course to anyone who is interested. If interested, you can get more information by clicking on the link on our web page or by contacting Mike Grandia at the address and number in the margin of the program notice. As I mentioned earlier, this year is going to be an exciting year, starting with the September Meeting, I hope to see you there. Until next time, take care.

Joe

SUSQUEHANNA SECTION ASME



September 2003 Meeting Notice

Executive Committee
2003-2004

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Vice Chairman
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Public Relations
Ryan Sausser

Historian
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September Picnic and Presentation by J. Hilbert Anderson, PE, on Sea Solar Power

Wednesday, September 24, 2003

Location: Parish Hall of the Episcopal Church of
St. John the Baptist
140 North Beaver Street, York, PA

Time: 6:00 Registration and Social
6:30 Picnic
7:15 Presentation on Sea Solar Power

Cost: \$6.00 per person; \$4.00 for students

Menu: Hot Dogs and Hamburgers
Potato Salad
Macaroni Salad
Potato Chips and Pretzels
Soda

Please call and leave your name and phone number with one of the persons listed below by noon, Friday, September 19, 2003 to make your reservation. Please call to cancel if for some reason you are unable to attend. Try to have exact change or a check for the meal.

| | | |
|----------------------------|---|---------------------|
| Harrisburg/Lebanon | Dave Kitlan | 717-948-6639 |
| Lancaster | Steve Dohne | 717-36-6464 |
| York | Don Angstadt | 717-848-1126 |
| | | Ext. 2448 |
| E-mail reservations | scdohne@armstrong.com | |

You will be free to visit the Historic Church during the evening, to see the stained glass windows and even tap the York Liberty Bell. This bell was hoisted to the courthouse roof to celebrate the signing of the Declaration of Independence and to call the meetings of the Continental Congress during its stay in York. The church will celebrate its 250th anniversary in 2005.

Directory (Continued)

Program Coordinator
Steve Dohne

Member Interests
Milton Leake

History & Heritage
Dave Kitlan

Honors & Awards
Joe Olson

Unemployed Members
Milton Leake

Membership Development
Steve Dohne

College Relations

*Board on Minorities
and Women*
Open

Government Relations
Ed Trunk

*Professional Practice
And Ethics*
Michael R. C. Grandia

Student Section Advisors
Elizabethtown College
David Ferruzza
717-361-1348

Messiah College
David Vader
717-766-2511 Ext. 2448

Penn State at Harrisburg
Isaam Abu-Mahfouz,
Ph.D. PE
717-948-6361

York College
James Kearns
717-948-6119

Please post this meeting notice on your company Bulletin Board.

Sea Solar Power

The practical application of Ocean Thermal Energy Conversion

J. Hilbert Anderson, PE

J. Hilbert Anderson is the founder of Sea Solar Power. He is an innovative design engineer, research scientist and inventor with over 150 patents. He has spent a lifetime designing and manufacturing highly efficient centrifugal compressors, gas turbines, steam turbines, and vapor turbines. He has also been very creative in developing new high performing heat exchangers for both the refrigeration and power industries.

The concept of using the thermal differential between warm water at the surface of the ocean and cold water has broad implications as a renewable energy source for future generations. It is not dependent on the presence of the sun (solar arrays) or wind (wind turbines) but is available 24 hours a day. During the next 20 years, experts foresee a need for 1500 gigawatts of additional power simply to meet new demand. This equates to 15,000 power plants that are 100 megawatts each and which would consume 59 million barrels of oil a day. Think what the price of a gallon of gas will be then!

Hilbert Anderson will give us an overview of the process and tell us about the work his company has done and is doing to develop an efficient power plant using Ocean Thermal Energy Conversion (OTEC). For more information visit their web site, www.seasolarpower.com.

Directions to the Episcopal church of St. John the Baptist

From Harrisburg: Take Route 83 south to Exit 22, George Street. This is a little tricky. Keep to the left as you go down the ramp and turn right at the light onto George Street. Take George Street south. When you cross the bridge, go three blocks and turn right onto Philadelphia Street (You will see the new courthouse on the southeast corner and the Strand Capitol theatre on the southwest corner of the intersection of Philadelphia and George streets. Go one block and turn right onto North Beaver Street. Go one half block and turn into the parking lot on the right. The parish hall is directly behind the church. Take the path to the right.

From east or west of York take Route 30 to the intersection with George Street, near the I-83 overpass, and turn south. Follow the above directions to reach the church.

How to Shine in the Interview

by Marilyn Borysek

Most job seekers understand the value of doing their homework before an interview, yet few actually take time to investigate their prospective employer. To distinguish yourself from the competition, be well versed on company facts and the business.

Investigate Your Prospective Employer

Check out the company website, use search agents to research the industry, and contact the company directly for information (try the Communications & Marketing department). If you are a bold job seeker, consider arranging a 10-minute informational interview by phone with a current employee in the department in which you are interested.

Know Company Facts

Out-shine the competition by going that extra mile and doing your homework – be able to demonstrate company knowledge on the following:

1. Demographics (history, size, culture, etc.)
2. Products & services offered (core strengths)
3. Markets (B-to-B or consumer market and target audience)
4. Competitors (who's the industry leader and why?)
5. Headlines (know if and why the company has been in the news)

For additional career resources and tips, visit the *JobCoach* located on ASME's Career Center at www.asme.org/jobs.

ASME Launches Anti-Spam Service

ASME is providing a new junk mail filtering service to protect your "@asme.org" forwarding address. ASME contracted this service for its members from a top provider of email security services.

ASME is providing this service to our members in response to the growing problem of unsolicited email messages. It has been reported that as much as 70% of all new email is classified as spam. If you are a member who has an asme.org email alias, then you have already have been activated.

At this time, only addresses with the asme.org domain can be registered for this service. To create your ASME email alias, visit the "Members Only" site at www.asme.org. Approximately one week after your alias has been established, you will receive your account information and temporary password.

For more information, please contact junkmail@asme.org.

I apologize for the late issuance of this newsletter. I had the unfortunate experience of losing my hard drive just as I had begun working on the newsletter. Attempts to resurrect files were of no avail. So, I had to reload my software on a new hard drive and start from scratch. Unfortunately, I had not been disciplined in backing up my files. I do have the good feeling of starting off with a clean slate. Lesson learned. Back up files frequently.

Milton Leake

