

March Meeting

Topic: Future of Nuclear Power, see p. 5 for more info

Who: Frank Hahne, VP of Business Development for NFS

When: Wednesday the 21st, 11:30am

Where: Cocula Mexican Restaurant (Stone Dr. across from Home Depot)

RSVP: Jason Doran, jdoran@eastman.com by Monday, March 19th

1 PDH credit available at this meeting (free certificate for ASME members, \$5 for non-members)

Mark Your Calendars:

April Meeting is a plant tour at AFG – time and date still TBD

February Egg Drop Event

Recap

Write-up by Mary Bailey

To all Egg Drop Committee Planners, Volunteers, Sponsors and others!

The Egg Drop Event held last Saturday was a tremendous success!!! There were approximately 92 egg drops with 150+ participants and around 150 more spectators to the event. All the planning and organizing that the committee did really paid off, as the event was very well received by the mall, volunteers and all participants. Heidi, our webmaster, has now put all the pictures on the website and I would encourage you to look over them and see the impact that we had on getting this community excited about engineering and technology based careers. The imagination and creativity in all the egg drop designs was quite a sight to see, and the excitement in the eyes of participants and spectators was oh so satisfying...

www.asme-eggdrop.org

Finally, I would like to give a great big thank you to our sponsors -- who made this event possible. Without their financial support, the local ASME section would not have been able to fund this! Also thanks to all the volunteers who helped the event to run so smoothly -- it was so organized that it looked like we had been doing this for years!

For pictures from the event, see page 5...

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ASME Names New Face of Engineering for 2007



Aviva T. Bieler, a mechanical engineer at the Port Authority of New York & New Jersey, was honored among the New Faces of Engineering during Engineers Week 2007.

The Cooper Union graduate has focused on the redevelopment of the World Trade Center site, where she was instrumental in developing the air conditioning and smoke control systems for station platforms at the World Trade Center Transportation Hub. She is also currently involved with the design of the tunnel ventilation system for the Port Authority Trans-Hudson (PATH) line.

Recently, Bieler and 14 other New Faces representatives received national recognition when they appeared in USA Today.

New Faces of Engineering is an international recognition program aimed at promoting the accomplishments and contributions of young engineers, 30 years of age or younger, while creating awareness of the impact that engineers have on our daily lives.

MARK YOUR CALENDARS!

ASME 2007 Early Career Forums & Fairs

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

These events consisting of career fairs and panel discussions from successful industry experts and senior-level engineers will increase your awareness of trends and career opportunities in the engineering profession.

Career Fairs will feature companies hiring engineers and other opportunities. Get more information about the Forums & Fairs and important information for US Citizens traveling to Canada in 2007 visit:

http://www.asme.org/Communities/EarlyCareer/Forum/Upcoming_Events.cfm

Montreal, Canada - May 13, 2007 (At ASME Turbo Expo)

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

Seattle, Washington - November 11, 2007 (At ASME International Mechanical Engineering Congress & Exposition)

ASME To Hold Three Industry-Focused Conferences on Biotechnology

Leaders in the science and engineering communities will assess the latest technology in bioprocess engineering, biomechanics and medical devices and instrumentation at three ASME conferences in June 2007.

The ASME Bioprocess Technology Seminars and Exhibits will be held June 4-6, 2007, at the Radisson-Dublin St. Helens Hotel in Dublin Ireland. The second conference, Frontiers in Biomedical Devices 2007, is scheduled for June 7-8, at the Hyatt Regency Irvine in Irvine, Calif. The 2007 Summer Bioengineering Conference will take place June 20-24, at the Keystone Resort and Conference Center in Keystone, Colo.

The three conferences will examine the progress and future directions in biotechnology research, and provide practitioners with the latest tools and training to advance commercial applications in the field. ASME's objective in presenting the conferences is to provide the fast-growing biopharmaceutical industry with useful resources to solve technology challenges.

For more information, visit: http://www.asme.org/Communities/Technical/BPE/Bioprocess_Activities.cfm



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.

Call for Submissions: The Local Scoop!

Share your good news! ASME's Strategic Communications Committee, within the Center for Public Awareness, wants to publicize and celebrate noteworthy events and/or success stories that have occurred within your District or Sections!

If your District or Sections are planning or have completed some event or activity that you would like to share with the general ASME membership, contact Marina Stenos at stenosm@asme.org. You can either provide the information directly, or give us a contact person and we will follow up.

Student Activity Calendar

April

March 30-April 1

Student Prof. Development Conference, District B, Ann Arbor, MI

Student Prof. Development Conference, District C, West Lafayette, IN

Student Prof. Development Conference, District D West, Reno, NV

Student Prof. Development Conference, District D East, Moscow, ID

April 13-14

Student Prof. Development Conference, District E North, Tulsa, OK

Student Prof. Development Conference, District E South, Edinburg, TX

April 14

Student Prof. Development Conference, District A North, Hartford, CT

Student Prof. Development Conference, District A South, Newark, NJ

April 17-29 2007 Design of Medical Devices Conference

April 30-May 3 Offshore Technology Conference (OTC)

May

May 14-17 Turbo Expo, Montréal, Quebec, Canada

Local Section News Continued...

Leadership Positions for 2007/2008

To all ASME members, it is the time of year where we are asking our members if they would be willing to serve in a leadership role within the local ASME Section. If you have not served in the past as an officer, or a section committee chair, I would like to ask you to consider stepping up to serve in a leadership role within the local section.

If you have served in a committee chair position, or even an officer position in the past, and would be interested in serving in some other aspect of leadership, please make that known to one of the current section officers as well.

There is a need for several committee chair positions every year and also a number of volunteers are needed to serve on these committees. ASME needs the involvement of interested engineers who are willing to serve their local section and help direct the future of ASME both locally and at higher levels in ASME. If you or someone you know would be interested in serving in a committee chair position for the upcoming 2007/08 year, please let one of the current section officers know as we should complete the selection of committee chairs in March.

If you would like to know more about a committee, I encourage you to contact one of the current committee chairs directly.

Education Initiatives - Jared Moore, jmoore@eastman.com

Membership Development – Todd Athon, tathon@eastman.com

Programs - Chris Slaughter, cslaughter@eastman.com

Professional Development - Brian Eiselstein, briane@eastman.com

Meeting Arrangements - Jason Doran, jdoran@eastman.com

Publicity - Brian Watson, brwatson@eastman.com

Honors and Awards – Matthew Dickerson, mdickerson@eastman.com

Membership Development - Todd Athon, tathon@eastman.com

History and Heritage - Dick Burow, rburow@chartertn.net

Industry Relations – Jason Goodman, jasongoodman@eastman.com

Public Information – Jay Nelson, jaynelson@eastman.com

Win Lunch on ASME: Correctly answer the following ASME trivia question and you'll be entered to win a free lunch at the next meeting... "Who was the first Tennessee Eastman person to be chairman of the East Tennessee Section, and what year did it occur?" Email your answers to Dick Burow by 3/19, rburow@chartertn.net and if you're correct you'll be entered into a drawing for a free lunch. (Hint: Use Holston Section website for help)

Robinson Middle School Wins Science Olympiad Regionals

Robinson's Science Olympiad team dominated at the four school Regional Science Olympiad competition, which was held Saturday February 24th on the campus of East Tennessee State University. This year's team had the help of two ASME members (Matthew Dickerson and Brian Watson) in route to earning 19 first place medals and 4 second place medals to sweep the tournament. This now allows these middle schoolers the right to go on to the state competition held at UT-K on March 31st.

Matthew's Wheeled Vehicle team took first place in its competition, and Brian's Tower Building team came in second place. Congratulations!

Egg Drop Pictures, 2/24/07



March Program Information

This month's program will look at the nuclear technologies being deployed, the major system components, economic outlook and supply chain industries that will have to grow to support the nuclear renaissance. In addition, this program will consist of:

- Nuclear history of power applications (weapons, propulsion and electric generation)
- Nuclear energy electric generation % (World, U.S., TVA)
- Nuclear power reactor types (PWR, BWR, VVR, HTGR, PBMR, etc.) GEN II, GEN III and GEN IV
- Nuclear fuel cycle (uranium mining, UF6 conversion, Enrichment, Fuel Fabrication, and Reprocessing)
- Nuclear fuel economics as compared to coal, gas and oil
- GNEP (the new U.S. program offered by President Bush) – Global Nuclear Energy Partnership vision
- Future outlook (World, U.S.) for Clean Nuclear Energy

This month's speaker is Mr. Frank Hahne, who is Vice President of Business Development for Nuclear Fuel Services, Inc., in Erwin, Tennessee. Mr. Hahne has over 35 years experience within the nuclear industry and is currently responsible for identifying market needs and developing cost-effective solutions at NFS.

Mr. Hahne has a Bachelor of Industrial and Systems Engineering degree from Georgia Tech and an MBA from Georgia State University.