

Upcoming Meetings

Industry Tour – May 31st, 2007 – 6pm

Gates Rubber Co. in Siloam Springs has agreed to conduct a tour of their facility for our Section.

We will meet at Fatiga's sandwich shop on Mt. Olive Street at 6pm for supper and then travel a short distance to the plant for the tour at 7pm.

General Meeting – June 19th, 2007

We will hold a general meeting with a speaker in Russellville on June 19th. Further details will follow shortly.

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Local Section News

Greetings fellow ASME members.

I would like to give a brief overview of the 2007 Leadership Training Conference I attended this past March. Conference activities were held in Houston, Texas, with 280 people in attendance. The most eye-opening events were the ice cold showers experienced due to a city water line emergency, except for the small group activities, of course. All kidding aside, the conference was a wonderful time of networking and learning more about the structure and purpose of ASME.

The theme of the 2007 LTC was connecting communities. These themes included learning ways to join student and local sections, bridge activities between sections and technical divisions, and collaborate with institutions for continuing education courses. Emphasis was also placed on succession planning and using the tools and resources ASME makes available through publications and on-line e-tools.

If you would like more information on any of the topics mentioned above or want to read more about the events at the 2007 LTC, you can go to <http://www.asmeconferences.org/ltc07/>. All of the slides presented at the conference are accessible through a link provided on this webpage.

Adrienne Jaspers
ASME Arkansas Section
Treasurer

ASME Think Tank Summit to Address Today's Engineering Issues

Held in conjunction with the 2007 ASME Summer Annual Meeting in Toronto, Canada, the Society will conduct its first Think Tank Summit, June 10-11. The summit, held at the Fairmont Royal York Hotel, will address three issues critical to today's engineers. Panel sessions include "Fruits and Pitfalls of Product Lifecycle Management," which takes a look at the emerging importance of PLM and its impact on product development processes across the value chain to deliver the most business value. "Teaching Women Engineering, A Double Standard?" will look at the pros and cons of a recent report by the National Academies that suggests that colleges and universities are outmoded in their thinking of women in engineering, and "Human Factor Engineering, Designing for the User" will ask the question: Are all products designed with the consumer (human factor) in mind? Designers, critics and the audience will probe into this topic and also take a look at samples products that include the good, the bad, and the ugly. The ASME Think Tank Summit brings together leaders in industry, government, academia and ASME in three 90-minute town-hall-style discussions.

For more details and to registration visit the Web site at <http://www.asmeconferences.org/SAM07/ThinkTank.cfm> or email to klaskyp@asme.org



Upcoming 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).

For more information on the Forums and Fairs, and important updates for US Citizens traveling to Canada, visit:

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

ASME President-Elect Honored for Service



Sam Y. Zamrik, Ph.D., president-elect of ASME and professor emeritus at Pennsylvania State University received the Penn State Engineering Society's (PSES) Distinguished Service Award.

Dr. Zamrik, who will become the 126th president of ASME in June 2007, was recognized for service to the Penn State Engineering Science and Mechanics (ESM) Department, for his service on the ESM Industrial and Professional Advisory Council, and for teaching and mentoring countless students and then providing them with guidance through their professional careers.

Professor Emeritus Zamrik and his wife founded the Sam Y. and Myrna R. Zamrik Scholarship for qualifying undergraduate students in the ESM Department. He is a regular participant in the College of Engineering's annual PSES golf tournament, which benefits the PSES Endowed Scholarships for promising Penn State engineering students. Now retired, Zamrik remains active in teaching courses as a volunteer and continues to serve on the ESM Industrial and Professional Advisory Council.

At a ceremony honoring Zamrik and other awards recipients, he was introduced as "an excellent ambassador for engineering science and mechanics."

As ASME president, Zamrik plans to reinforce the Society's work with engineering students, early-career engineers, and women and minorities so that ASME will continue to have programs that actively promote and expand participation by all these important member groups.

2007 International Mechanical Engineering Congress and Exposition (IMECE)

Plans are well underway for another great ASME Congress on Nov. 11-15, 2007 in Seattle, WA. More than 3000 abstracts have been received and are currently being reviewed for quality and appropriateness for the Congress. The abstracts and papers that pass the review process will be programmed for presentations, along with several panel sessions and poster sessions. We expect to have at least 460 technical sessions programmed from Monday through Thursday. These presentations will be grouped into a new multidisciplinary Track structure. The Track topics are currently being developed. Some of the expected Tracks are:

- Micro- and Nano-Systems
- Mechanics of Solids and Structures
- Biomedical Engineering and Biotechnology
- Energy Systems
- Transportation Systems
- Mechanical Systems and Control
- Heat Transfer, Fluid Flows and Thermal Systems
- Design and Manufacturing
- Sustainable Products and Processes
- Safety Engineering and Reliability
- Processing and Application of Novel Materials
- Software for Engineering Applications
- Engineering Education and Professional Development

The new Track system that replaces the Division-based programming was developed through unprecedented collaboration between Divisions and other ASME Units. Each Track consists of several technical Symposia on topics related to the Track theme, and each Symposium includes several topical Sessions. It is hoped that the new structure will make it easier to manage potential scheduling conflicts and will make the final program easier to maneuver. This is truly a departure from past practice, and I want to take this opportunity to thank all the Division Program Representatives and Track Chairs that helped develop the new system.

There are other changes to the overall program as well. The Honors Assembly, which has been a very important part of Congress, will be moved to Monday night. The Keynote presentation will take place on Sunday evening followed by a Welcome Reception for all attendees. Another important improvement is the daily Authors' Breakfast from Monday through Thursday. This event will provide an opportunity for the Session Chairs to meet the presenters in their sessions. Also, coffee and refreshments will be provided during breaks for all attendees.

In order to reduce the number of parallel activities and reduce scheduling conflicts, most of the governance and business meetings of ASME will be moved to Friday through Sunday. However, all Division level committee meetings and functions will be scheduled during the Monday-Thursday time frame. The popular Student Design Contest and Early Career Forum will be held on Sunday.

Last year in Chicago we implemented a new registration policy to reduce the potential no-shows that had plagued the Conference in recent years. All authors and presenters were required to register in advance. Since this policy was effective and substantially reduced the number of no-shows in Chicago, it will be followed in Seattle as well. Please check the ASME Congress web site (www.asme.org/congress) for further information and see how the technical program is taking shape.

We look forward to seeing everyone in Seattle for another successful Congress, the ASME's premier event.

Said Jahanmir
2007 Congress Chair

Local Section News

SOLAR SPLASH[®], The World Championship of Intercollegiate Solar Boating will be hosted by the City of Fayetteville, Arkansas, and the University of Arkansas College of Engineering June 13-17, 2007.

SOLAR SPLASH is the World Championship of Solar/Electric boating. It is an international intercollegiate competition that takes place over five days. Technical Inspections are done on the first day, and the remainder of the time is occupied by five on-the-water competitive events. Points are earned in 7 categories starting with Technical reports that are submitted at the beginning of May. On-site competitions include Visual Displays and Workmanship. On-the-water events begin with a Sprint and a Maneuverability qualifier. This is followed by an event called the Solar Slalom, which is a combination of speed and maneuverability. The final days are spent in the Sprint and Endurance events.

Over the years, **SOLAR SPLASH** has taken place in Milwaukee, Wisconsin, due to its central location and proximity to Marquette University, which hosted the event. In 2000 it moved to New Orleans to cater to southern interests, and then it moved to Buffalo, New York, from 2001-2005. In 2006 and 2007 Solar Splash will be hosted in Fayetteville, Arkansas on beautiful Lake Fayetteville. The local community strongly supports the Splash.

SOLAR SPLASH is a practical educational experience, which helps to develop teamwork and interdisciplinary skills. In recent years a few highly qualified High School teams have joined the Event as a natural educational path from secondary school to college. The Event combines the fun of competition with education in a way that is not a major disruption to the student's academic schedule. An entry can typically be pulled together in one school year at a cost of about \$5,000.

The ASME Arkansas Section is planning a short meeting to coincide with this event on Saturday, June 16th. Please plan to join us and enjoy the contest. Further details will be sent by email shortly.

Call for Section Officer Nominations

If you are interested in serving as an officer or committee chair for the 2007-2008 program year, please let us know. The new program year begins July 1, 2007.

Email aturnip@baker-ref.com if you would like to serve or to submit a nomination for a good candidate.



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.

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

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

2006-2007 ASME Arkansas Section Officers

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