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If you are interested in serving on the Board or would like to volunteer for a committee position, please contact the Section Chair.

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Summer BATS Baseball Social

LOUISVILLE BATS vs. CHARLOTTE KNIGHTS

DATE: Friday, June 8, 2007

TIME: Game starts at 7:15pm

COST: \$6 per person

LOCATION: Louisville Slugger Baseball Stadium

RSVP to Karen Edberg Karen.Edberg@ge.com or call 502-452-4732 **No Later than May 25**

Come join your fellow ASME members and the ASME student section at a Bats game. Families are encouraged. Everyone is welcome! Seats are on the third base line in outfield and there are fireworks after the game.

April Professional Development Presentation

Many thanks go out to Kevin Crabtree at C & I Engineering for hosting our Professional Development Meeting back in April. It was very successful with a total of 30 people attending. We will try and have Ron King of NIA to come back next year and make another presentation.

Because they went out of the way to host two sessions, provided the food and continue to promote membership in ASME. We were very glad to present them with an official ASME Industry Plaque Award of which only one award can be given each year and we choose C & I Engineering to proudly display it on their wall.



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.

Nominate a Fellow Today!

The Fellow Grade recognizes significant engineering achievements and contributions to the engineering profession.

For additional information on ASME's **Fellows Program** visit:

<http://www.asme.org/Governance/Honors/Fellows/Fellows.cfm>

ASME 2007 EARLY CAREER FORUMS & FAIRS

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

Attend the next Early Career Forum & Fair in Montreal, Canada - May 13, 2007 (At ASME Turbo Expo) Palais des Congrès in Montréal, Canada
9:00 AM - 5:00 PM

The program will consist of a career fair which will follow two panel discussions moderated by successful industry experts and senior-level engineers, from *Pratt & Whitney, Rolls-Royce, MTU Aero Engines, Dassault Aviation Systems and NASA.*

[Register now/get more information](http://www.asme.org/Communities/EarlyCareer/Forum/Early_Career_Forum_Fair.cfm)

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

Program Highlights

- The Global Landscape: Essential Strategies to Transform Your Career in the Gas Turbine Industry
- Career paths in the gas turbine industry
- The Gas turbine industry – globally speaking

*Registration will include admission into [ASME's Turbo Expo](http://asmeconferences.org/te07/) (<http://asmeconferences.org/te07/>) technical sessions for Monday, May 13.

To register, for the Early Career Forum, visit:

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

Student Activity Calendar

May

May 10-12 2007 Student Professional Dev. Conference District 1

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

June

June 9-14 Summer Annual Meeting (SAM), Toronto, Ontario, Canada

June 10-11 ASME Think Tank Summit

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.

To get started, please visit

www.professionalpractice.asme.org.

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

JOB OPPORTUNITY

We need to hire 6 engineers ASAP. We can use virtually any 4-year engineering degree-holder that can handle hands-on work on our project at Dow in Canada the last week of June and possible through the end of August. Mechanical, Electrical and Chemical work well for us but match and fit are the most important aspect for us more than area of degree. In order to prep new staff for a big Dow project we need them to start ASAP so we can train them here in our office and have them with us on smaller projects in Canada and Texas.

Field work is 24/7, 12 hour shifts and can be physically demanding. All personal protection equipment is furnished. All travel and out of town expenses for TubeMaster projects are 100% paid for by TubeMaster as are all required tests, training, screening, visas, passports if needed, etc.

Job Title: TubeMaster Test Engineer

Minimum Requirements: B.S. degree in engineering, must have a diploma (for visa), US citizenship, physically capable to support our field testing activities. Sign and abide by the TubeMaster Employee Confidentiality, Non-compete and Invention Assignment agreements. Have or be able to obtain a US passport and be available for domestic and international travel as needed. Our schedule is fairly well known for this duration but can vary some and usually does. Satisfactory: Criminal background check, 10-panel drug screen, Respirator Fit Test, Physical evaluation for a respirator and Pulmonary Function Test.

Position: Temporary full-time. Temporary full time employment beginning now through the end of June 2007 which may lead to continued full-time employment based on fit and business activities.

Job Description: Quickly become skilled enough to provide technical support and supervision of various TubeMaster pressure-drop and other inventions as deployed on projects at client petrochemical plants both domestic and foreign. Preparation, adjustment, minor repair of TubeMaster specialized equipment, mobilization, preparation of equipment, setup, calibration, use, troubleshooting, demobilization. Support and assist with innovation development work as needed. Satisfactorily complete all safety and specialty training. Support VESCO projects as needed. Comfortable with use of basic hand tools.

Primary objective for large-scale project at Dow in Canada at the end of June: Become fully capable of setting up, operating, using, supervising others to operate TubeMaster testing systems (with training and support from experienced TubeMaster personnel).

Pay through the end of June is hourly and commensurate with degree and/or experience, 100% employer paid health benefits (employee and family), performance bonus and safety bonus. Continued full-time employment if offered includes the above listed benefits and at this time include paid vacation and holidays, life insurance, disability insurance, and SAR-SEP.

If you know any students that just graduated from Speed School or U of K please have them call Dr. Manfred Schmidt at 326-0018 or contact him email at mws@tubemasterinc.com we can start then next week for some real hands-on engineering and even a little inventing. They can review our web page for recent press releases about inventions to see what they will be working with. Also, It is reasonable that they could be listed as an inventor on some of our stuff if they contribute. We will certainly give them a change of a life-time with brief periods of working their butt off. Who knows after this experience a young graduate might want to go to graduate school!

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