

## Central Iowa ASME

### Call for meeting/seminar topics!

We are in the planning stages for next years set of meetings and seminars. We have only heard from a couple of members on what they would like to see for meeting topics next year. We would like any ideas for tours or interesting engineering topics that you would like to learn about. If you have any good ideas for topics let us know. We will do the work to set everything up and find a speaker for the seminar topics.

Remember that our seminars are the major fundraising program for the ASME scholarships given to ISU students every year!

Please send any ideas we could use to improve our meetings or seminars to [aaron.perrault@emersonprocess.com](mailto:aaron.perrault@emersonprocess.com).

Thank you and have a good summer!

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## Chair's Corner

Thank you very much to the great group of CIS-ASME officers working with me this past year! Dale Miller, vice chair, hosted meetings when I was traveling, Aaron Perrault Secretary/Newsletter editor, handled many newsletters and meeting invitations, Ted Mikels, Honors and Awards, arranged a great meeting in Algona, Max Gassman, Professional Development, arranged many meetings and seminars at Iowa State U. Ashlee Klingaman, Treasurer, kept accurate financial records and arranged a speaker for our joint meeting in Waterloo. Of course, Dr Francine Battaglia completed her final year as Webmaster and Dr Eliot Winer completed his first year as Faculty Student Advisor.

As this year closes, we have identified member volunteers eager to fill the roles of us officers who are rolling off our three year terms. Our formal election will be held later this summer. John Zhang of Deere volunteered to be our new Secretary/Newsletter editor; Dave Polivka will run for Treasurer. Josh Crompton will run for Honors and Awards. Dale Miller and Aaron Perrault are both positioned to move up a level to Chair and Vice Chair respectively. Max Gassman will continue as Professional Development. Dr Eliot Winer will continue as Faculty Student Advisor. Keep your eyes open for our election notice and vote for these fine volunteers. Give them your vote of confidence!

Click on

<http://www.tbp.org/pages/Publications/Bent/Features/Sp07Fable.pdf> for a good article on "mingling", or

Networking as most of us think of it. The authors explain in three short pages why it is important, why Engineers need to Network, and how to initiate and maintain contacts. I still see plenty of us talking only to our co-workers in our CIS-ASME meetings so don't tell yourself you already know it all about Networking.

Have a great summer! Come back in September to a full calendar our new officers are planning for us already! I've heard talk of more plant tours, Business Economics Basics, Rocket Science, Entrepreneurial Engineers, and of course, good food and good networking. Let us know if you have ideas for meeting topics.

Ray Micheel, P.E.  
CIS-ASME Chair

## 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 sample 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](mailto:klaskyp@asme.org)

### GMET: A Boon for Global Business Professionals

Engineers, as well as people in many other professions, don't receive adequate training in business and global operations when they are in school. Researches show that there is an unmet demand for knowledge and skills in global business from companies with global operations.

Globalization affects everyone. Production lines are shipped overseas. Many business activities are located off-shored or outsourced. Products are marketed to hundred of countries and regions. Many engineers have to interact, collaborate, coordinate, or lead teams or work forces thousands of miles away, across cultures, and many time zones. Luckily, Globalization also renders engineers unprecedented opportunities. Now you can help your company break into many new markets, but you need the necessary knowledge and skills to fulfill it.

To help engineers and companies cope with these issues, ASME launched a new global training program – [Global Management of Engineering and Technology](#) (GMET), which covers the knowledge and skills you need to take products and services from design or drawing boards to the placement of goods on the shelves of department stores and super markets worldwide. Each GMET course has eight online modules with lecture notes, case studies, reading materials, online quizzes, a course library, and a class forum where trainees can interact with classmates and the trainer, followed by three-day live in-class training by the chief instructor. It suits a wide spectrum of learning habits, styles, and career paths. ASME has formed GMET global training partners in China, India, Malaysia, The Middle East, and North America. You can access the course materials through the website of ASME and its partners at anytime, and from anywhere throughout the world. For more information, please visit:

[http://www.asme.org/Education/Courses/GMET/Global\\_Management\\_Technology.cfm](http://www.asme.org/Education/Courses/GMET/Global_Management_Technology.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](http://www.professionalpractice.asme.org).

## Student Activity Calendar

### June

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

June 10-11 ASME Think Tank Summit

## Early Career Fair in Toronto, Canada

The next Early Career Forum and Fair will be held on June 10 in conjunction with the 2007 ASME Summer Annual Meeting and Think Tank Summit, at the Fairmont Royal York Hotel in Toronto, Canada.

Segments include *Transitioning from Technical to Management*, which will feature three speakers who have made such a transition; *Ethically Speaking*, which will address some of the ethical questions facing engineers in today's workplace; and an open Career Fair, which will place hiring engineering firms with attendees looking for opportunities.

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

For information on the ASME Summer Annual Meeting, visit:

<http://www.asmeconferences.org/sam07/>

## **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](http://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

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