

February Dinner Meeting

February 20th, 2007

**“Vibration Isolation Technology”
and
“Technology, Globalization, and Culture”**

**ISU Memorial Union, Cardinal Room
Ames, Iowa.**

4:00 PM Seminar, Hemanth Porumamilla,
“Vibration Isolation Technology”
5:00 PM Social Hour
6:00 PM Dinner
7:00 Speaker: Dr. Mark Rectanus, Technology,
Globalization, and Culture.

Registration Deadline is February 16th by noon.
<http://sections.asme.org/centraliowa/calendar.htm>

Chair’s Corner

Central Iowa Section has planned a busy 2007 winter for you. We started 2007 on January 23 in Algona at the Hydrogen Energy Center. The founder gave attendees a two-hour tour and Q&A session. HEC is supplying internal combustion engines converted to burn hydrogen instead of gasoline. These engines drive airport "tugs" and industrial vehicles confined to a factory near a hydrogen supply. There is a plan to couple these engines with hydrogen produced by windmills during low demand periods to drive generators to provide power to the electric grid. Two technical seminars are scheduled in the coming months: "Second Generation Nuclear Power" is scheduled February 9. Gus Williams, Nuclear Engineering Manager at Emerson Process Management, will present a brief history of nuclear power generation and then bring us up to date on active work towards building new nuclear plants in the USA. In April, Dr Charles Mischke will present a seminar titled: "There is a Weibull Distribution in Your Future". Dr Mischke will present the leading method for curve fitting life data (generously interspersed with classic Mischke dry wit and humor).

Our dinner meeting February 20 at ISU Memorial Union will highlight a new course at ISU: “Technology, Globalization, and Culture. Dr Mark Rectanus will examine why students need to prepare for the challenges of globalization and how a new course at ISU facilitates this process. This topic is important for all engineers working today. Mark Rectanus is Director in the Department of World Languages and Cultures at ISU.

Put on your coat and mittens to venture out in the cold to attend these great programs. Gather some information that will help you stay current in today's world of engineering.

Ray Micheel P.E.
Chair, Central Iowa Section

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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

Call for Nominations: 2007 Old Guard Early Career Engineer Award



Recognize an outstanding early career engineer actively involved in their profession, their communities, and the work of the Society. Submit Nominations Today! Visit <http://files.asme.org/asmeorg/Communities/EarlyCareer/8026.pdf> for more details. The deadline for all nominations is March 1, 2007.

2007 Leadership Training Conference is Connecting Communities

Plan on attending the 2007 Leadership Training Conference (LTC) to be held at the Wyndham Greenspoint hotel in Houston, Texas from March 2-4, 2007. The theme of this year's LTC is "Connecting Communities," and its purpose is to provide ASME members soon to become unit leaders an opportunity to develop their leadership knowledge and skills, share best practices, form partnerships with other units, and focus on critical issues important to the success of the Society.

The LTC will provide:

- A first-time-unit-leader workshop – the basics
- An overview of the Society's organization, activities and resources
- Information and methods to help leaders succeed in leading an ASME unit
- An opportunity to network with other leaders and ASME staff
- A forum for interchange of ideas and development of program plans

One of the goals for LTC is for each participant to formulate a plan for briefing their units on the information learned at LTC, so you may be hearing more about it at a section meeting soon.

LTC is open to leaders throughout ASME who are invited by their sector leadership to attend. Also attending the LTC will be a special contingent of Early Career Engineers and students, whose presence will add extra excitement to the conference. If your section hasn't yet selected a delegate, or you'd like an additional member to attend, please contact your District leader as soon as possible.

For additional information on LTC, visit:

<http://www.asmeconferences.org/ltc07/index.cfm>

The Fellow Grade recognizes significant engineering achievements and contributions to the engineering profession. ASME takes great pride in its Fellows Program and encourages the nomination of ASME members to Fellow Grade. Any ASME member can submit a nomination for Fellow.

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

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

Test Your Knowledge of the ASME e-Library and You May Win a Prize!

Enter the ASME E-library Challenge and test your research abilities! The Challenge has 3 to 5 questions which can be answered by using the resources in the ASME e-library. Prizes include American Express gift cards and ASME membership renewals.

The Challenge will be held from Feb. 19 to March 19, 2007. There are separate versions for members and students and winners will be chosen from entries that have all questions answered correctly.

Not familiar with the ASME e-library? It's a collection of 75 interactive technical references, available free to members. Use it anytime for answers to your technical questions, 24/7, anywhere you have an Internet connection.

To find out more about the library – or to sign up and login, just go to <http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>

To enter, choose either the member or student edition.
Member:
http://info.knovel.com/ASME/ASME_professional_quiz.htm
Student:
http://info.knovel.com/ASME/ASME_academic_quiz.htm



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.

Poster Series Now Available!

ASME's poster series highlighting the achievements of African American engineers and inventors is now available for purchase through ASME. The poster series contains ten posters, measuring 14-by-18 inches, each displaying a picture of an African American engineer or inventor and information about their work. Poster sets can currently be purchased for \$20 a set for members and \$24 for non-members.

Contact the ASME Information Central at 1-800-THE-ASME (843-2763) and request product #AAI497. Product Catalog Item: 1997 African American Engineers and Inventors Posters
http://www.asme.org/Communities/Diversity/African_American_Engineers.cfm

Student Activity Calendar

March

March 2-4 Leadership Training Conference (LTC),
Houston, Texas

March 23-27 International Mechanical Engineering
Education Conference

April

April 17-29 2007 Design of Medical Devices
Conference

April 30-May 3 Offshore Technology Conference
(OTC)

Call for Submissions: The Local Scoop!

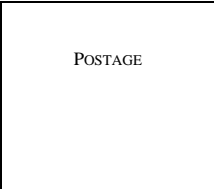
Share your good news! ASME's Strategic Communications Committee, within the Center for Public Awareness, wants to publicize and celebrate noteworthy events and/or success stories that have occurred within your District or Sections!

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.

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