

2008 - 2009 OFFICERS

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March, 2009 Newsletter

Message from the Chair

I hope all is well as we await the coming of spring.

The tour of the Museum of American Speed on January 28th was a great success. There were 57 people attending, 22 of which were students. If the museum hadn't limited attendance, there would have been nearly 80 attendees! This museum is a truly remarkable collection of automobile history and has items that peak the interest of anyone. If you didn't make the tour, I suggest you visit the museum when it is open to the public. Go to www.museumofamericanspeed.com for more information. The dinner at Lazlo's was a nice finish to a very enjoyable evening.

The activities for E-week were also quite enjoyable. Our very own David Miller (former section chair) of Natureworks was the entertainment for the E-week banquet presenting details on PLA (poly-lactic-acid) manufacturing and business uses. This was an interesting topic especially with the current focus on green products and our impact on the environment.

Our section's '2009 ASME Industry Award' was presented to Rail Sciences Inc. (RSI) Materials Engineering for their unique focus on high-tech mechanical engineering in our community as well as their support of our organization. RSI currently has two volunteers on our executive council, Hans Iwand and Matt Dick. Hans was present to receive the award at the E-week banquet. RSI Materials Engineering has a highly specialized professional engineering staff whose experience encompasses several engineering disciplines including metallurgical, mechanical, and electrical engineering. They provide an independent expert opinion on a variety of projects including component failures, material quality, accident reconstruction and manufacturing processes. Their services include work in the following areas: failure analysis, physical testing, computational modeling and material selection, design evaluation and machine design. For more information go to: www.rsime.com

A final note on E-week; if you attended the Home and Garden Show at the Qwest you may have noticed the informational engineering booths on display at the entrance. This seemed to be a good way to make contact with the community and promote engineering as a career.

Please sign-up for the upcoming March PD course on Pumps and Pumping Systems. Jim Healy will be the instructor for the March 31st training at Mahoney State Park. See the attached flier for more information.

We are currently soliciting nominations for ASME Nebraska Section Executive Council members for the 2009/2010 year. If you are interested or know anyone who might possibly be interested, please notify us. We are always in need of help in conducting our business and making our local section one of the best in the United States.

Gary Ruhl
ASME, Nebraska Section Chair.

2008-2009 ASME Nebraska Section planned program is as follows:

March 31, 2009 – PD Course, Pumps, at Mahoney State Park
April – Paxton Vierling Steel, Omaha, NE
May – National Insulation Association at HDR, Omaha, NE
June – NSPE Golf Outing; OPPD Power Drive Competition

PROFESSIONAL DEVELOPMENT COURSE: PUMPS AND PUMPING SYSTEMS

HOSTED BY ASME DISTRICT C – NEBRASKA SECTION

March 31, 2009
8:00 a.m. – 4:30 p.m.
Mahoney State Park Lodge
Ashland, NE

Earn Eight Professional Development Hours

This course is designed for the practicing engineer. It will touch on the theory and fundamentals of pumps and pumping systems. Much of the course, however, will emphasize practical applications, troubleshooting, testing, operation, and maintenance. Our instructor, Mr. Jim Healy, has been a practicing engineer for over 42 years, including 30 years with Stone & Webster Engineering Corporation, and the past eight years as an independent consultant. He has developed special expertise in pumps and pumping systems, and his consulting work takes him to both domestic and international projects. His publications include “You Can Never Have Too Much NPSH” for ASME, and “Pumps are Not as Smart as People” for *Chemical Processing* magazine.

It is intended that this course be highly interactive. Feel free to come prepared with questions, problems, or issues from your specific applications. There is a good chance that, whatever your challenge, Mr. Healy has already seen it.

The course fee is \$150.00 for ASME members, \$160.00 for non-members, and \$100.00 for retirees and students. This fee includes course materials, PDH certificate, continental breakfast, lunch, refreshments, and state park entry permit. Breakfast will be available starting at 7:30 a.m.

Paid reservations are required and are due by March 21.

Contact Jay Fluehr at 402-334-0509 or fluehr1@yahoo.com for more information.

Register and pay online via credit card using ‘Register’ in the link below.

(If you are registering several individuals at once, please enter their names in the “Add special instructions to merchant” box on the payment review page.)

http://sections.asme.org/nebraska/prof_dev.html

If paying by check, make payment to ASME – Nebraska Section.
Send to Jay Fluehr, 12505 Harney Circle, Omaha, NE 68154-2315.

Engineering in the Global Market: Keys for Success



The 2009 ASME Annual meeting, under the theme, “Engineering in the Global Market: Keys for Success,” will bring together an outstanding line-up of speakers, comprised of senior executive and engineers from around the globe, who will draw upon their experiences to share winning strategies and critical skills that are the keys to your companies’ success in the global market.

The agenda for the meeting also offers numerous opportunities to earn professional engineering credentials and fine-tune your management skills to advance your career.

The 2009 ASME Annual Meeting will be held June 13–17, at JW Marriott®, Palm Desert, California. The meeting's program consists of plenary sessions, seminars, professional development sessions, and a Career Expo.

Based on the theme “Engineering in the Global Market: Keys for Success,” the meeting will enable engineers to gain insight about managing in global engineering markets. Topics to be covered will include global collaboration and partnerships; effectively managing a global supply chain; development of universally applicable codes and other keys to success in today’s global engineering market.

The plenary sessions are titled “Winning Strategies for Global Engineering: Product Processes and Productivity,” “Global Partnerships and Collaborations: Best Practices and Lessons Learned” and “Enhancing Your Knowledge of Global Trade: Codes and Standards as a Gateway to Global Markets.” Each plenary session will run for 90 minutes and will feature expert commentary from CEO and vice president-level corporate decision-makers, academic scholars, and business consultants. Andrew W. Reynolds, Deputy S&T Adviser to the Secretary of State, U.S. Department of State, will chair and moderate the plenary sessions. Reynolds has led strategic planning efforts addressing science, engineering and technology issues in foreign policy and within the U.S. government.

Seminars will explore the subjects treated in the plenary sessions, although in greater depth. The 75-minute workshops will provide a forum for questions and answers between speakers and attendees.

The professional development program at the meeting will focus on building career skills that are critical to success in the global marketplace. You can earn up to 14.5 PDHs for attending the meeting.

For information, visit www.asmeconferences.org/annualmeeting09 or call (866) 519-1299.

ASME E-Library

The ASME E-Library is a members-only benefit that allows you to access online collections of engineering reference books to help you answer questions and find practical solutions to daily on-the-job problems.

As an added bonus, the ASME E-Library is powered by Knovel, whose interactive and user-friendly technology gives you the ability to manipulate and search for content across the entire collection quickly and easily.

To learn more, go to <http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>

2009 Leadership Training Conference

The 2009 Leadership Training Conference (LTC) will take place from March 5-8, in Los Angeles, Calif. The LTC provides ASME unit leaders and key committee personnel with an opportunity to learn crucial skills and network with other units important to the successful operation of the Society. The LTC will include:

- An overall view of the Society's organization and activities and resources
- Leadership skills training to help you succeed in leading your ASME unit
- Idea Mart – a new and improved mini expo featuring communities, units and sectors from across ASME
- Parallel tracks for first timers (ASME 101), and more seasoned leaders (Advanced Leadership Forum)
- An opportunity to network with other leaders and ASME staff
- A forum for sharing ideas and best practices

Why You Should Attend:

LTC training will help you to -

- Prepare for future challenges
- Share best practices and ideas
- Improve communication, team leadership, and project management skills
- Bring innovative ideas back to your workplace

Who should attend?

- Incoming or perspective Executive Committee officers (unit leaders)
- Unit leaders who have never attended an LTC or ASME training seminar and those who are assuming key positions
- ASME volunteers who have served as members of a unit Executive Committee or Operation Board for several years, are ready for more advanced training and have NOT previously attended more than one prior Leadership Training Conference
- Early Career Engineers. ASME is looking for bright, energetic Early Career Engineers interested in volunteering their time for the Engineering Profession. Selected applicants will be funded to attend the Leadership Training Conference. To find out more and to apply for this opportunity, visit http://www.asme.org/Communities/EarlyCareer/Leadership_Training_2.cfm, on the Early Career Center page.

Section, Division and Institute leaders have been asked to identify candidates from their respective units. We encourage incoming leaders from across the society to self-fund delegates since the wide range and number of workshops is best suited for a delegate team from a unit.

For more information on the LTC, visit <http://www.asmeconferences.org/ltc09/>.

**LTC is for invited delegates only. If you wish to attend, please contact your Section, Division, or Institute leader.*

2009 Human Powered Vehicle Challenge

HPVC East Hosted by Drexel University, Philadelphia, PA, April 17-19, 2009

HPVC West Hosted by Portland State University, Portland, OR, May 1-3, 2009

The 2009 Human Powered Vehicle Challenge is just around the corner! Spread the word!

Human Powered Vehicles are aerodynamic, highly engineered vehicles that may be for use on land, in the water or the air. The Human Powered Vehicle Challenge (HPVC) encourages students to design and construct an environmentally friendly vehicle that is fast, sleek, and safe and can be used for everyday activities. The point of the competition is to showcase the elegance and ingenuity of design, including presentation, practicality and safety.

To learn more about the HPVC and to register, please visit our website: www.asme.org/hpv.



THE ASME
FOUNDATION

Early Career Engineers: The ASME Foundation Needs Your Help!

If you seek an energized and productive way to volunteer your time within ASME, look no further. The ASME Foundation has an opportunity for you! Have you ever wondered about the role the Foundation plays in ASME program activities? Are you interested in the basics of non-profit organization activity and fundraising?

The ASME Foundation is looking for a small, dynamic group of young engineers who can not only learn from us, but from whom we can learn the Early Career Engineer perspective. How can we reach out to this influential group in the most powerful and effective way? How can we fundraise to young engineers? How can we keep you engrossed in ASME on this particular volunteer level?

Thoughts or comments? Visit our web site at www.foundation.asme.org, then give us a call!

Call for Mentors! EMentoring Opportunities for Early Career Engineers

Mentors are a great way to gain knowledge and learn from the experiences of experts in your field. ASME offers an e-mentoring service right at your fingers!

To learn more and sign up for mentors, or to register to become a mentor, log onto http://www.asme.org/jobs/mentoring/EMentoring_Early_Career.cfm or contact Noel Netel at neteln@asme.org

Volunteer with ASME / Find a Volunteer

*Tomorrow's ASME Leaders:
Are You Ready for the Challenge?*

Do you feel strongly about the direction you would like ASME to take? Are you passionate about new ideas and initiatives? Are you ready to step up and lead? If so, why not become an ASME leader today!

Consider running in June 2009 for the following offices:

- ASME president — one-year term
- Board of Governors member — three-year term
- Vice President of Professional Development, Practice & Ethics (Centers Sector)
- Vice President of Public Awareness (Centers Sector)
- Vice President of Standardization and Testing (Codes and Standards Sector)
- Vice President of Affinity Communities (Knowledge and Community Sector)
- Vice President of Financial Operations (Knowledge and Community Sector)

The interview schedule for proposed nominees and their supporters is as follows:

Sun., June 14: Vice Presidents (afternoon)

Mon., June 15: Vice Presidents (morning and afternoon)

Mon., June 15: Board of Governors (afternoon and evening)

Tues., June 16: Presidents (morning)

Visit the Nominating Committee website for information on the "How-to" guide when running for Society Office. http://www.asme.org/Governance/Nominating/Nominating_Committee.cfm or contact RuthAnn Bigley at bigleyr@asme.org.