

Central PA Section Upcoming Events

The Central Pennsylvania ASME Section has a busy schedule in the months of March and April. There will be four events that ASME members can attend which cover topics that are sure to be of interest to all. Please mark these on your calendars:

- 1) **PSU ASME Alumni vs. PSU ASME Students Night.** The event is **Friday, March 20th** from 5:30-7:30PM on the PSU campus. Please contact ASME student section if you want to be on the panel, though anyone can attend. See the **last page** of the newsletter for more information.
- 2) Tour of the **Morningstar Solar Decathlon house.** This will be held on Penn State campus next to the football stadium on **Sunday, March 22nd** anytime from 1:00-4:00PM. Rain date is March 29th at the same time.
- 3) See the **new ME student's ultrahigh mileage Ecomarathon hydrogen powered car in action in late March and early April.** Last year's vehicle achieved over 1600mpg. Visit <http://psueco.blogspot.com> to see what is happening with the car that week and schedule a visit with the team.
- 4) **Penn State Engineering Design Showcase** will be held **Wednesday, April 29th** from 1:00-3:00PM at the Bryce Jordan Center (BJC). The ASME student section will be there with their MARS ROCKS! robot along with nearly a 100 working prototypes on various topics. This is a great opportunity for Central PA Section members to see industry sponsored projects that the ME students are designing.

MorningStar Solar Home Tour on Sunday, March 22nd. The house is open from 1:00-4:00PM and we can tour it anytime during that period. This is the same house that was on display on the Washington Mall for the 2007 Solar Decathlon. It is now located at the PSU Visitor Center, across from Beaver Stadium. To learn more about this energy efficient home please see the Penn State Center for Sustainability web site <http://www.cfs.psu.edu/>



Photo source: PSU CFS

Extra: If the house becomes too crowded at times due to our presence, there is also a "Penn State Green Tour" on the University Park Campus. It is a self guided tour which one can participate at your own pace. Information about this tour is listed in the web site address above. Note that not all of the Green Tour facilities will be open on Sunday.

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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.



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!

The 2009 Nominating Committee is accepting Letters of Intent for the following Society 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)

Letters of Intent are due March 15, 2009

Please visit the Nominating Committee website for the Letter of Intent and information on the “How-to” guide when running for a Society office.

http://www.asme.org/Governance/Nominating/Nominating_Committee.cfm or contact RuthAnn Bigley at bigleyr@asme.org.

Volunteer with ASME / Find a Volunteer



Looking for a new adventure at ASME? Need a volunteer to help your group get on track? The Volunteer Opportunity Bulletin Board (VOBB) is the one-stop resource for those interested in finding available volunteer positions and groups needing enthusiastic volunteers for their ASME local, District and/or national level committees. As a tool designed to help volunteer leaders promote and fill volunteer positions throughout ASME, it opens the door to new opportunities.

To learn more about the VOBB and the volunteer positions available, visit <http://volunteer.asme.org/vobb/>.

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.

ASME E-Library for You!



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, visit <http://www.asme.org/Membership/Benefits/Professional/eLibrary.cfm>



CENTRAL PA SECTION NEWS

Left: The Ecomarathon hydrogen powered ultrahigh mileage vehicle will soon be available for viewing at the PSU Learning Factory or the PTI track. See the *psueco* BlogSpot for status. Last year's 1600mpg equivalent vehicle is shown.

A new hydrogen powered vehicle is being readied for test before the competition in mid-April at Fontana Motor Speedway in California. ASME members can be kept up-to-date on the status of the car testing at the PA Transportation Institute (PTI) track by going to <http://psueco.blogspot.com/>. The test dates are in late March and the first week of April. These dates are fluid at the moment, but the BlogSpot will be updated weekly so that the ASME members can meet where the car will be and they can talk to the nine member mechanical engineering design team as well as see the car being tested.

PSU ASME Alumni vs. PSU ASME Students Challenge - March 20, 5:30-7:30PM in 135 Reber Building

If you want to participate please email the following information to Brianne at asme@psu.edu:

- 1) Will you be able to represent on the Alumni Team? _____
- 2) Is there anyone else you would love to see on the Alumni Team? (include their contact info if possible) _____

The event will begin with a panel discussion so students can learn from the alumni's experience and advice. With introductions, we ask each alumnus to give their best piece of advice they wish they knew when they were in school or graduating. Following introductions, a panel discussion will help answer some of the students' questions.

Then things will get crazy! The style is Jeopardy® and the Alumni team and the Students team will compete for points by answering various questions ranging from Penn State trivia to Music to Engineering Materials to Fluid Flow from a lighthearted point of view.

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