

Letter from the Chairman – March 2009

Dear Members:

Here is a summary of February's events:

February 5: Executive Committee Meeting.

February 12: February Newsletter published.

February 20: Annual National Engineers Week Engineers Week Banquet.

This event was attended by Tallahassee Section Officers Chair Siddhartha Kamath, Vice Chair Rick Meeker, Secretary Peter Vallandigham, Treasurer Tom Shewan, Newsletter Editor Doug Jones, FAMU/FSU College of Mechanical Engineering students Gina Teofilak, Cody Epperson, and Brittany Theis, and Tallahassee Community College students Vernon Babich and Gillian Smith, as well as three guests. The highlight of the evening for ASME Tallahassee Section was the awarding of its first Student Scholarship, to TCC Student Vernon Babich.

Section Leadership: Once again I request that you please give thought to the following: The Section Bylaws specify that FY 2010 officers, who will serve from July 1, 2009 until June 30, 2010, shall be nominated and elected between February and April of 2009. The leadership of Tallahassee Section for several years has been a handful of committed people who have rotated in the Section Officer and Executive Committee roles. We would sincerely welcome greater participation of its other members in these roles. There is a potential for many benefits from this, not the least of which is the opportunity introduction of new ideas to make the section of greater service to the general membership. An additional benefit of serving as an officer is Florida-registered Professional Engineers can claim is one hour of continuing education in "Area of Practice". If anyone might have such an interest, please contact me.

The Executive Committee again thanks those who have participated in the programs we have organized. Your participation is our reward.

Siddhartha Kamath, PE, FY 2009 Chair
Email: kamaths2@asme.org

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2009 CALENDAR

March 27 -- City of Tallahassee Smart Metering Update (@ Ole Times Country Buffet).

April – Joint meeting with FAMU/FSU Student Section re: Prep. for RSC. Location and time TBA.

May – City of Tallahassee DSM update.^x

June – Technical Presentation – Geothermal Heat Pumps.^x

July – TBA.

August – Welcome Back Students Dinner Meeting.

September – Technical Presentation – HVAC Ice Storage Systems.^x

October – Tallahassee Area Solar Systems: Public and Private.^x

November – City of Tallahassee Advanced Wastewater Treatment Project.^x

December – TBA.

^x "Lunch and Learn" at the Golden Corral, North Monroe St.

TALLAHASSEE SENIOR SECTION

FSU Center for ADVANCED POWER SYSTEMS OPEN HOUSE

— by Rick Meeker

The Florida State University, Center for Advanced Power Systems (CAPS), held its open house on Sat., Feb. 21st at the CAPS facility in Innovation Park. This is held annually in conjunction with the National High Magnetic Field Laboratory (NHMFL).

Open to the public and aimed at all ages, the CAPS Open House offered the opportunity to tour the state of the art 5MW test and simulation facility, to view interesting exhibits including fuel cells, solar PV generation, City of Tallahassee Energy Efficiency information, and an electric vehicle.

Hands-on activities included a lab to make your own electric motor and a chance to race small model hydrogen fuel cell cars, one of which a lucky winner was able to take home at the end of the day.



The Capital Energy Forum and Engineers Town Hall Meeting

— by Rick Meeker

On Wed., 3/4, professional engineering, economic development, government and academic organizations brought to Tallahassee the **6th Annual Engineers Town Hall Meeting and Capital Energy Forum** to an audience of over 120 people.

This year's topic was "**Energy Technology and Economic Development – Making the Connection.**" The event was held at the Doubletree Hotel, Grand Ballroom, in downtown Tallahassee.

Free and open to the public, all with an interest in energy and the economy were invited to attend. The purpose of this annual forum, initiated in 2002 by the Tallahassee Section of the American Society of Mechanical Engineers, is to bring together government, academia, the private sector and the community in an open forum to discuss engineering and technology issues that are important to our state.

(continued on next page)

(Town Hall meeting from page 2)

Distinguished panelists and speakers for this year's event included Tallahassee Mayor John Marks; John Adams, President and CEO of Enterprise Florida; State Rep. Paige Kreegal, Chairman of the House Energy and Utilities Policy Committee; Commissioner Nathan Skop of the Florida Public Service Commission; Don Markley, VP of Southeast Renewable Fuels; Jack Sullivan, President of the Florida Research Consortium, and Tim Anderson, Director of the Florida Energy Systems Consortium. The event was moderated by Lynda Kever, group publisher for Florida Trend magazine.

The forum was taped by WFSU-TV and will be re-broadcast several times on 4-FSU over the coming months.

This year's event was co-sponsored and organized by the American Society of Mechanical Engineers (ASME), the Institute of Electrical and Electronics Engineers (IEEE), the State of Florida, the Governor's Energy Office, the Economic Development Council of Tallahassee/Leon County and the Florida State University Center for Advanced Power Systems, with support from the U.S. Department of Energy. The Tallahassee sections and the Washington offices of ASME and IEEE supported this event, which also served as the March meeting of the Economic Development Council's Alternative Energy Roundtable.

Town Hall Meeting Re-broadcast Dates & Times

Town Hall Meeting is scheduled to be telecast on 4fsu (Comcast Channel 4 in Leon, Gadsden, and Wakulla counties):

Thursday, April 2nd @ 7pm
Sunday, April 5th @ 8:30pm
Tuesday, April 7th @ 8pm
Monday, April 13th @ 7pm
Friday, April 17th @ 8pm
Friday, April 24th @ 8pm
Tuesday, April 28th @ 8pm
Saturday, May 2nd @ 6pm

The program will continue to air for several more months but those schedules have not been completed at this time.



Panelists at Town Hall Meeting.

ASME INTERNATIONAL

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: <http://www.asme.org/hpv>

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, visit

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



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!

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/>.

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

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If you would like to become a *sponsor* of the Tallahassee Section, please contact Siddhartha Kamath, Chair, at kamaths2@asme.org

ASME International Tallahassee Section publishes this newsletter six to eight times a year. Members are requested to e-mail newsworthy articles to Doug Jones, Newsletter Editor, jonesd2@asme.org or to Siddhartha Kamath, Chair, kamaths2@asme.org