

## Letter from the Chairman – February 2009

Dear Members:

Here is a summary of January's events:

The Executive Committee met on January 8, and the January newsletter was published on January 14.

On January 30, a lunch meeting was held only for Section Senior members to address participation by the Section's Senior members. Unfortunately, beyond two current Section Officers, Sid Kamath and Peter Vallandigham, and two Executive Committee members, Ben Cowart and Doug Jones, only three other members attended. While the purpose of the meeting was not satisfied, good discussion took place.

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 that Florida-registered Professional Engineers can claim 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. Your qualms, quibbles, contributions, comments, and suggestions are welcomed.

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

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### 2009 CALENDAR

**February** – Engineers Week Activities.

**March** – City of Tallahassee Smart Metering Update. <sup>x</sup>

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

**May** – City of Tallahassee DSM update. <sup>x</sup>

**June** – Technical Presentation – Geothermal Heat Pumps. <sup>x</sup>

**July** – TBA.

**August** – Welcome Back Students Dinner Meeting.

**September** – Technical Presentation – HVAC Ice Storage Systems. <sup>x</sup>

**October** – Tallahassee Area Solar Systems: Public and Private. <sup>x</sup>

**November** – City of Tallahassee Advanced Wastewater Treatment Project. <sup>x</sup>

**December** – TBA.

<sup>x</sup> "Lunch and Learn" at the Golden Corral, North Monroe St.

# TALLAHASSEE SENIOR SECTION

## Engineers Week Awards Banquet

Each year during National Engineers week the Tallahassee area engineering societies hold an awards banquet. This year's banquet will be on **Friday, February 20, 2009**, at The Ramada Inn (2900 North Monroe Street, Tallahassee). Tickets are \$35.00.

Your ASME Tallahassee Section invites you to attend. Please make every effort to attend as the Section will be awarding our first Student Member Scholarship at the banquet.

Contact: Siddhartha Kamath; Phone (850)-414-4343 or email [kamaths2@asme.org](mailto:kamaths2@asme.org)



## FLORIDA STATE UNIVERSITY CENTER FOR ADVANCED POWER SYSTEMS



### OPEN HOUSE

SATURDAY, 21 FEBRUARY 2009  
10 AM – 3 PM

INNOVATION PARK  
2000 LEVY AVENUE  
TALLAHASSEE, FL 32310

Open to the public – Florida State University welcomes visitors to a tour and day of education, fun, and exhibits at its **Center for Advanced Power Systems (CAPS)** facility, located near the National High Magnetic Field Laboratory, in Innovation Park.

Funded by the Office of Naval Research and the U.S. Department of Energy, CAPS is one of the most unique facilities in the world for research, testing and demonstration of electric power systems technology utilizing high-fidelity simulation integrated with a high-power test-bed.

This year's open house will offer visitors an opportunity to **race hydrogen-powered model cars; build a motor and take it home; learn about wind turbines, superconductors, fuel cells and electric machines and how traditional power systems operate.**

There are many more activities such as interactive learning about Florida wildlife and bluegrass music for your entertainment. And for those also attending the National High Magnetic Field Laboratory ("Mag-lab") open house, you will find plenty of free parking at the CAPS facility, just a very short stroll from the Mag-lab.

## The Capital Energy Forum and Engineers Town Hall Meeting:

### *“ENERGY TECHNOLOGY AND ECONOMIC DEVELOPMENT – MAKING THE CONNECTION”*

Thursday, 5 March 2009, 7:00 pm

Tallahassee, FL

Location – To Be Announced

The state, the nation, and the world currently face unprecedented challenges and opportunities in the area of energy, including climate change, energy (fossil-fuel) dependence, and the need to continue to reliably and affordably serve increasing demand. Meanwhile, economic strain of proportions not seen since the great depression now commands the attention of leaders, governments and people from all walks. At the nexus of these circumstances lies both great challenge and risk, and, at the same time, great opportunity. This panel session will explore how to make the connection between the technological and systemic transformation of how we convert, deliver, and use energy systems and the opportunity to spur a new wave of energy-tech driven economic growth.

#### ***Format***

A town-hall style meeting with keynote talks from subject matter thought leaders, followed by a moderated discussion with a group of panelists representing government, industry, and academia/research with questions from audience and participants.

(WFSU-taped/televised)

#### ***Sponsored by***

ASME Tallahassee Section and Washington Office  
IEEE Tallahassee Section and PES Chapter  
Governors Energy Office  
Tallahassee-Leon County Economic Development Council  
Florida State University, Center for Advanced Power Systems

#### ***Organizing Committee***

Chirs Edrington, Ph.D. [IEEE]  
Rick Meeker, P.E. [ASME / IEEE / FSU CAPS]  
Ben Stuart [Governor's Energy Office]  
Travis Yelverton [Tallahassee-Leon EDC]

# STUDENT SECTIONS

## FAMU/FSU Student Section

Student Section Chair Gina Teofilak ([gmt04@fsu.edu](mailto:gmt04@fsu.edu)) is also a Vice-Chair of the Section F SDOB (Student District Operating Board).

See the FAMU/FSU Student Section's web page at <http://www.eng.fsu.edu/asme/> and the SDOB's web page at <http://districts.asme.org/SDOB/DistrictF/officers.html> .

## TCC Engineering Club

Doug Jones, previous faculty advisor, has retired after 22 years teaching at TCC. And James Carr, Ph.D. Physics Professor ([carrj@tcc.fl.edu](mailto:carrj@tcc.fl.edu) ) is now the faculty advisor for the TCC Engineering Club with assistance from Lina Williams, Asst. Prof. Math. ([williaml@tcc.fl.edu](mailto:williaml@tcc.fl.edu)) The Club Chair is Vernon Babich ([babic541@mymail.tcc.fl.edu](mailto:babic541@mymail.tcc.fl.edu)).

The Club continues to work on the solar-powered golf cart project and on the FSGC Rocket Competition project.

# 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](http://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>



### 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](http://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](http://www.asme.org/jobs/mentoring/Ementoring_Early_Career.cfm) or contact Noel Netel at [neteln@asme.org](mailto:neteln@asme.org)

### *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](http://www.asme.org/Governance/Nominating/Nominating_Committee.cfm) or contact RuthAnn Bigley at [bigleyr@asme.org](mailto:bigleyr@asme.org).

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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](mailto:jonesd2@asme.org) or to Siddhartha Kamath, Chair, [kamaths2@asme.org](mailto:kamaths2@asme.org)