

Letter from the Chairman – April 2009

Dear Members:

March was one of the busiest months in some time for the Tallahassee Section. Here is a summary of the month's events:

March 4: The Tallahassee Section participated as a co-host in a Town Hall Meeting, the theme of which was "ENERGY TECHNOLOGY AND ECONOMIC DEVELOPMENT– MAKING THE CONNECTION".

March 5-8: Secretary Peter Vallandigham represented the ASME Leadership Training Conference in Los Angeles.

March 12: The March Newsletter was published.

March 21 & 22: Newsletter Editor and new Webmaster Doug Jones represented the Tallahassee Section at the ASME District Sections Seminar in Atlanta.

March 27: Tallahassee Section resumed its Lunch & Learn programs with a presentation by City of Tallahassee's Henry Swift about the Smart Metering program.

Executive Committee: There was no formal Executive Committee Meeting due to unavailability of people. However, Peter Vallandigham briefed me about his experience at the LTC.

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 for the 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 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
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2009 CALENDAR

April – "Lunch & Learn" meeting – details TBA^x

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 **Ole Times Country Buffet**, N. Monroe St

TALLAHASSEE SENIOR SECTION

The Capital Energy Forum and Engineers Town Hall Meeting

— by Rick Meeker

(Due to its importance, this news article, which appeared in the March Newsletter, is being repeated here).

On Wed., March 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.

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

The Town Hall Meeting already has been re-broadcast several times. Further re-broadcasts are scheduled on 4FSU (Comcast Channel 4 in Leon, Gadsden, and Wakulla counties):

Monday,	April 13	7pm
Friday,	April 17	8pm
Friday,	April 24	8pm
Tuesday,	April 28	8pm
Saturday,	May 2	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.

And this from the ASME National Energy Committee

~ ~ by Rick Meeker

ASME and 20 other engineering professional organizations have just issued to the Administration and all Members of Congress the "**National Energy Policy Goals Proclamation**", which is available at

<http://www.asme.org/NewsPublicPolicy/GovRelations/PositionStatements/>

This marks the first time the engineering community has joined together on an energy policy statement. Collectively, the engineering organizations signing on to the proclamation represent well over 1 million engineers. The ASME National Energy Committee provided input and review in the development of this document. (Your Tallahassee Section has representation on the National Energy Committee).

Interesting Information about the Section Membership.

~~ by Peter Vallandigham

We have 106 members in the Tallahassee Section:

- 3 Fellows
- 1 Affiliate
- 9 Life Members - 4 retired
- 49 Members
- 2 Graduate Student Members
- 42 Student Members

Aviation Science Class

Tallahassee Community College (TCC), Embry-Riddle Aeronautical University (ERAU) and Flightline are linking up to provide a unique opportunity for area residents. **Beginning April 22**, Flightline will host **Introduction to Aviation Science (AVI0100)** on Wednesdays from 6 to 9 p.m. **through June 10**. The classes will be held in the Flightline Flight Center, located at 3240 Capital Circle SW.

After completing the course, participants will have a broad understanding of the history of aviation and career opportunities in aviation. Additionally, the course will provide the education necessary to pilot a plane safely and students may also be eligible to take the written test for the Private Pilot Certificate.

The eight-week course will examine the history, science and vocation of aviation. Students will examine the basics of aerodynamics, aircraft performance, cross country navigation, general weather theory, weather reports and forecasts, federal aviation regulations, flight physiology and safe flying practices. Throughout the course, students will be exposed to historical and vocational aspects of the subjects covered. And while most of the 24 hours of instruction will take place in the classroom, students will have opportunities for hands-on learning on a flight simulator.

ERAU instructor Charlie Russo will lead the course. The \$249 cost for the course includes all materials.

To register, log on to www.tcc.fl.edu.

For more information contact Beth Mann Pace by phone, (850) 201-8760, or email paceb@tcc.fl.edu.

Chapter of the Electric Auto Association opens in Tallahassee

~ ~ by Staff

TAEVA (Tallahassee Area Electric Auto Association)

“... is the Tallahassee area chapter of the Electric Auto Association or EAA. The EAA is a non-profit educational organization formed in 1967 in San Jose, California. Its mission is to promote the widespread adoption of electric vehicles. Electric vehicles or EV's for short, are a practical, clean and quiet alternative to internal combustion engine (ICE) vehicles. Electric vehicles will keep our Earth clean and help preserve our natural resources. EV's are a smart and efficient choice for local transportation.”

This quote is taken from TAEVA's web page at <http://www.taeva.org/>

They also have a blog at <http://taeva.blogspot.com/>

TAEVA held its first meeting at 7 pm on Tuesday, April 7, 2009 at Tallahassee City Fleet Management, 400 Dupree St. Photos are available through the *Tallahassee Democrat* at

<http://www.tallahassee.com/apps/pbcs.dll/gallery?Avis=CD&Dato=20090407&Kategori=PHOTOS03&Lopenr=904080801&Ref=PH>

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>

Volunteer with ASME



ASME's Online Tool for Volunteering

What if you could go to one Web page to find all the volunteer opportunities available in ASME? One of ASME's most important assets is its volunteers. This group provides countless hours of service in many roles from local section, district and senior leadership. The many individuals that dedicate their time and efforts to ASME as volunteers are eclipsed by the larger number of members that may like to volunteer, but are not sure how to go about it. The Volunteer Opportunity Bulletin Board (VOBB) was created to address this crucial issue.

The VOBB is an online tool that connects would-be volunteers and those with open volunteer positions. It is a one-stop shop for volunteers seeking positions and offering opportunities within ASME. ASME staff and volunteers are encouraged to post their open volunteer opportunities for local section, district and senior leadership positions using this online tool. After a position is posted on the VOBB, any ASME member that visits the [asme.org](http://www.asme.org) site is welcome to review the positions and apply online. All applications are reviewed and passed on to the interested group. Although an applicant may not be selected for a particular position, their application could open the door to other volunteer opportunities.

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

ASME To Launch New Nuclear Seminar Series in June

In June, senior level executives from all areas of the nuclear power industry will convene in Atlanta, Ga. to share their expertise and to provide success factors for the nuclear renaissance during ASME's new Nuclear Technical Seminars program.

The new program, entitled, "Blueprint for the Nuclear Renaissance," which will take place from June 22-23 at the J.W. Marriott Buckhead, was developed as a forum for engineers to learn about design, construction, startup and operation for the next group of nuclear power plants from leading expert in the nuclear industry.

The five in-depth seminars will examine the industry's newest trends and will be led by more than 30 nuclear power professionals from organizations such as Areva, Bechtel, Exelon, Sandia National Lab and Westinghouse.

One of the seminars, Nuclear Power Plant Design, will provide an overview of the steps required to produce the design necessary to purchase, fabricate and construct a nuclear power plant. The program will also feature an opening plenary session, "Success Factors for the Nuclear Renaissance," which will offer an overview of the opportunities and challenges facing the next generation of U.S. nuclear power plants.

For more information on the ASME Nuclear Technical Seminars, visit www.asmeconferences.org/nuclear09 or contact Jennifer Delda, program manager, at 212 591 7108 or deldai@asme.org.

ASME Y14.5 -2009 Now Available

ASME has announced that its Geometric Dimensioning and Tolerancing (GD&T) standard, *ASME Y14.5 – 2009*, has been revised and is now available for purchase.

The *ASME Y14.5 – 2009* standard, an essential communications tool for top engineers worldwide, has undergone its first revision in more than 15 years. It includes important changes that better suit the needs of the 21st century engineer. Changes that address the concept of feature design, surface boundaries and axis methods of interpretation are included among others.

The revised standard is now available for purchase on ASME's online catalog. The site also offers discounts on related GD&T standards, personnel certification, handbooks and training courses to aid engineers in understanding the language of GD&T.

For more information on ASME Y14.5, visit: <http://go.asme.org/gdt>.

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.

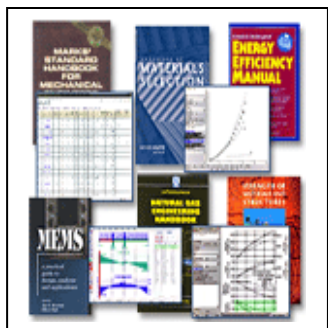
The plenary sessions are titled “Winning Strategies for Global Engineering: Product Processes and Productivity,” Global Partnerships and Collaborations: Best Practices and Lessons Learned” and “Enhancing Your Knowledge of Global Trade: Codes and Standards as a Gateway to Global Markets.” Each plenary 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>”

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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 or to Siddhartha Kamath, Chair, kamaths2@asme.org