

Letter from the Chairman – June 2009

Dear Members:

May, like April, was a relatively uneventful month for the Tallahassee Section:

May 7: Executive Committee Meeting

May 22: Tallahassee Section hosted a Lunch & Learn program, the topic of which was ANSI/ASHRAE Standard 180, a new Standard that deals with HVAC Systems.

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

June – The Electric Vehicle. (See Announcement, p. 2)

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” locations TBA

TALLAHASSEE SENIOR SECTION

Lunch and Learn – Fri., May 22, 2009

On Friday, May 22nd, Richard "Dick" Namovich, of Rejuvenair, Inc., discussed ANSI/ASHRAE Standard 180, "Thermal Comfort and Indoor Air Quality for Commercial Buildings". He was on the committee for the latest revision to ANSI/ASHRAE Standard 180. He talked about this standard's implications relating to building owners' responsibilities to their building occupants. He also described Rejuvenair's experience in Tallahassee at Florida State University.

Announcement Luncheon Meeting Ole Times Country Buffet

June 26, 2009

Topic: "The Electric Vehicle – local efforts of the Tallahassee Chapter of the Electric Vehicle Association"

Speaker: Andre Smith, President of the TAEVA

Come hear about advances in the electric vehicle industry, home conversion kits and your chance to see a Tesla, a home converted mini-van and the advanced Prius up close and personal.

Agenda

11:45 p.m. - 12:10 p.m. Lunch

12:10 p.m. - 1:00 p.m. Introduction of Speaker and Presentation
Inspection of EVA's – east parking lot of Ole Times
(Rear of the Building)

1:15 p.m. Adjourn

RSVP to kamaths2@asme.org

ASME National Energy Initiatives

(R. Meeker, with excerpts from ASMEnews, May 6 2009 issue)

Your ASME organization has been active working to make the voices of the engineering community heard among federal policymakers and in the federal legislative process. This is accomplished through the efforts of full-time ASME staff in the Washington office and other resources within the ASME community, including the ASME National Energy Committee, a group of ASME members with particular background and interest in energy, including many well-known and accomplished in energy related fields.

The ASME Washington team has played an important role recently in rallying together other engineering organizations to assist the larger engineering community in working together, speaking with more of a common voice on matters of public policy, and being available as a vast resource of factual engineering and scientific information to guide policy and legislation.

In collaboration with the Institute of Electrical and Electronics Engineers (IEEE-USA), ASME has issued an "Energy Goals Proclamation" outlining critical national energy priorities and programs for the Obama Administration and the U.S. Congress to consider in the next several years. Twenty-one engineering societies, representing over one million engineers, have endorsed the plan, which emphasizes research and development in new technologies as part of a comprehensive strategy to protect U.S. economic and national security.

"ASME is a leading force for collaboration within the engineering community and other key constituencies," said ASME President Thomas M. Barlow. "We intend to be a cutting-edge resource on energy technologies and fuel sources — our focus will be on active, broad support for balanced energy policies from governments around the globe."

The proclamation, sent to lawmakers on Capitol Hill, recommends the following national energy policy goals:

- Maximize the use of electric power generated by sustainable, economic and environmentally-acceptable technologies;
- Modernize the nation's electric transmission grid;
- Maximize electrification of the transportation sector;
- Establish visible and substantial national energy efficiency and conservation goals;
- Employ indigenous raw materials to manufacture liquid and gaseous fuel;
- Build and deploy generating capacity to supply reliable electric service; and
- Provide a long-term commitment to energy research, development and demonstration.

While addressing participants at the ASME Energy Grand Challenge Vision & Roadmap Workshop back in March, Barlow stated that energy relates directly to a broad range of challenges facing engineers in everything from agriculture to water management, including how we act to alleviate poverty, restore the economy and rebuild transportation. "None of the world's development goals can be met without improvement in the quality and quantity of energy resources," said Barlow.

The full text of "National Energy Policy Goals Proclamation" is available online at <http://files.asme.org/asmeorg/NewsPublicPolicy/GovRelations/PositionStatements/17931.pdf>.

(continued on p. 4)

(continued from p. 3)

ASME has also recently released a general position statement on “Reducing Carbon Dioxide Emissions in the Energy Sector”. In this position statement, “ASME recommends that a policy framework to address CO2 emissions include:

- Mandatory, progressive targets to reduce emissions associated with all major energy sectors including power generation, transportation, manufacturing, and commercial and residential buildings, focusing on near-, mid-, and long-term timeframes.
- Flexible approaches to motivate achieving CO2 emission limits that may vary by economic sector, and could include, depending on the sector, market-based incentives; governmental loan guarantees; investment tax credits; performance standards; tax reform; incentives for technology research, development and deployment; and other appropriate policy tools.
- Approaches that account for the global dimensions of achieving and maintaining sustainable levels of atmospheric CO2 and encourage cooperative action by all countries, including the U.S. and large emitting nations in the developing world, to implement CO2 emission reduction strategies.
- Investments in research to develop cost-effective renewable and efficient energy technologies, improve the performance of carbon energy systems, and support the research for new, clean energy systems and processes.
- Increased emphasis and investment in education and training of the workforce in all advanced energy technologies and their deployment.
- Enhanced development of infrastructures that are required to implement technologies that reduce CO2 emissions.”

The full text of the general position statement on “Reducing Carbon Dioxide Emissions in the Energy Sector” is available at

<http://files.asme.org/asmeorg/18267.pdf>

For information on ASME community wide and national activities in energy and public policy, including position statements, see the following web sites:

http://www.asme.org/Communities/Technical/Energy/Public_Policy.cfm

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

http://www.asme.org/Communities/Technical/Energy/Technical_Programs.cfm

ASME and IEEE Washington office have been working closely to bring the broad engineering community together on energy public policy issues. For information, see the Energy Policy Alliance website at:

<http://energypolicyalliance.org/>

ASME INTERNATIONAL

ASME Y14.5 - 2009 Now Available

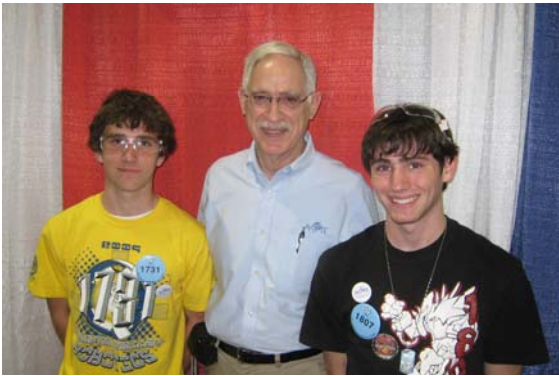
ASME has announced that its Geometric Dimensioning and Tolerancing (GD&T) standard, *ASME Y14.5 – 2009*, has been revised and is now available for purchase.

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>.

ASME Awards FIRST Clarke Scholarships to Aspiring Mechanical Engineers



ASME President Thomas Barlow (center) poses with Levi Leppke (left) of Midland, Va., and Samuel Pace Nalbhone, of Allentown, NJ, recipients of 2009 ASME Auxiliary FIRST Clarke Scholarships. The awards were presented during the FIRST Championship competition in Atlanta, Ga, recently. Katelynne Baier, of Centerburg, Ohio, was also awarded a scholarship but did not attend.

The FIRST Clarke Scholarship is awarded by the ASME Foundation and Auxiliary to a high school senior active on FIRST team and who plans to enroll in an ABET-accredited mechanical engineering program upon graduation.

Global Engineering Management Conference (GEMC): Tackling Today's Management Challenges

The fast pace of technological change, globalization and the softening of the world economy have exerted many changes in the engineering profession.

Developed by the ASME Management Division and refined by leaders in industry, the Global Engineering Management Conference (GEMC) will bring together mid-career engineering managers from key industries.

With a focus on knowledge from best-in-class organizations and an emphasis on hands-on experiential learning, the GEMC will provide both technical and economical value for those who participate. The four conference tracks are as follows:

- Managing New Technology
- Managing & Developing Engineers
- Supply Chain Management within the Global Market
- Managing Your Ecological Footprint in the Energy & Environmental Era

Programming will consist of technical sessions, continuing education unit (CEU) accreditation tutorials, structured networking events, and other innovative knowledge and professional exchange forums.

To learn more and register, please visit the special Web site at: <http://www.asmeconferences.org/gemc09>

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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