

Letter from the Chairman – May 2008

Dear Members:

Here is a summary of this newsletter:

April events:

The April newsletter was published.

The Executive Committee met on April 17. The current FY 2008 Executive Committee will continue to serve in FY 2009 (7/01/08-6/30/09). The next meeting will be on May 15.

A technical Lunch & Learn was held on April 25, the subject of which was the “Solar-powered Golf Cart”, presented by Aaron Bauldree, current President of the TCC Engineering Club. More information is included in this newsletter.

The Executive Committee again thanks those who have participated in the programs we have organized. Your participation is our reward. Please send your qualms, quibbles, contributions, comments, and suggestions to email address below.

Siddhartha Kamath, PE, Chairman 2007-2008
Email: kamaths2@asme.org

INSIDE THIS ISSUE

- 2 **Tallahassee Senior Section News**
- 2 **Student Section News**
- 3 **ASME International News**
- 7 **Sponsors**

2008 CALENDAR

Luncheon Speakers:

May: COT Water/Sewer (Speaker TBA)

TALLAHASSEE SENIOR SECTION

ASME Tallahassee Section Luncheon Meeting

Luncheon Meetings should feature good food and a good speaker. We had both on Friday, April 25th. For those of you who did not make the meeting at The Golden Corral, you will have to ask the 16 people who did, including officers and members, about the presentation.

Aaron Bauldree, from the Tallahassee Community College Engineering Club, gave an excellent presentation about their Solar-powered Golf Cart project. If you are interested in solar power for any application, this was an excellent way to introduce yourself to the subject. This project was completely designed, funded and implemented with the time limits of a single semester at TCC. Aaron emphasized that to do this project, time delays due to a variety of factors had to be worked around as much as possible. The students were able to work with the Operations people who run the mail carts at TCC, obtain a \$2500.00 grant to fund the project, purchase solar panels and equipment to outfit one of the carts, and run a series of tests to see how much powder needed to recharge the batteries could be shifted from the electric grid to solar energy. To date they have reduced the amount of powder needed from the grid by as much as 55 % while having spent less than \$800.00 of their grant money. With the remaining funding, the Club will be outfitting two golf carts with new batteries and Solar panels to run a series of tests and experiments attempting to achieve further gains. One of our members mentioned that with all of the golf courses around Tallahassee and other applications (such as mail rooms) that use these carts, and the ever increasing cost of electricity, this might make a nice small business opportunity. I hope we may have another presentation when their work is completed.

Peter Vallandigham, P.E.
Secretary



STUDENT SECTIONS

At a ceremony on Wed. 4/16, Aaron Baldree was awarded a plaque by the TCC Student Government Association as the **TCC Engineering Club's Outstanding Student of the Year**.

On Friday 4/18/08, the **TCC Engineering Club** elected new officers: Vernon Babich (Chair); Dexter Bennett (Vice-Chair); Jakary Williams (Sec.)

ASME INTERNATIONAL

Inspiring Engineering Diversity

Engineer Your Life (EYL) and the National Association for College Admissions Counseling (NACAC) are teaming up with ASME at dozens of college fairs for high school students throughout the United States. The EYL campaign has developed, tested and is now providing messages and materials to promote engineering to college-bound high school girls. Volunteers are encouraged to become part of the campaign by participating in the fairs. EYL fair exhibits are designed to break down commonly held perceptions about engineering and encourage girls to consider it as a college and career option. Interested in helping out? Contact Marina Stenos at stenosm@asme.org for more information.

Thinking about your career? Visit ASME's Career Center!

Are you thinking about making some major career changes? Perhaps you are looking for a new job, finding out what you are worth, raising your profile at work or networking with other engineers to expand your career opportunities? ASME can help you energize your career this year with a variety of member benefits.

Find a job, build your resume or get advice at ASME's Online Career Center, the only job board dedicated exclusively to Mechanical Engineers. Find out what you're worth by taking the ASME Salary Survey, and get a basic report on how your salary compares to other engineers in your region, field or experience level. Visit the ASME Career Center at <http://www.asme.org/Jobs/> for more information.

PREPARE FOR TOMORROW'S ENGINEERING CHALLENGES - TODAY!



The 2008 ASME Annual Meeting will be held June 7-11, at the Walt Disney World Swan & Dolphin Resort, Lake Buena Vista, Fla. The theme of this year's event is "Innovative Partnering: Interdisciplinary Challenges to Designing the Future." The 5-day event will feature three plenary sessions, moderated by Michael Rogers, futurist-in-residence at the New York Times Company, with panelists of senior executives from such companies as Boeing, IBM and Westinghouse Electric. There will also be a broad range of workshops led by top executives, academics, futurists and venture capitalists as well as professional development and training opportunities including a Career Expo. Also, enjoy a golf outing and a charity 5K walk/run.

To learn more and register, go to www.asmeconferences.org/annualmeeting08.



ASME 5K Walk for EWB
Sunday, June 8, 2008
Walt Disney Swan and Dolphin Resort
Orlando, FL

Grab those sneakers and a bottle of water and get moving for a great cause! ASME, in conjunction with the 2008 ASME Annual Meeting, is holding a 5K Walk for Engineers Without Borders (EWB), a non-profit humanitarian organization established to partner with developing communities worldwide in order to improve their quality of life. Specifically, this partnership involves the implementation of sustainable engineering projects, while involving and training internationally responsible engineers and engineering students.

A great way to start off your day, this 5K course takes you on a scenic route around the beautiful EPCOT® Resorts area, comprised of the Walt Disney Swan and Dolphin Resort, the Boardwalk Resort, and Disney's Yacht and Beach Club. For walkers who desire a brisk but shorter workout, a 3K course offers an alternate route, with breath taking views.

There is a \$50 fee to participate, with net proceeds donated to Engineers Without Borders. For full details and to register, go to <http://www.asmeconferences.org/annualmeeting08/index.cfm> For more information on EWB, please visit <http://www.ewb-usa.org/>



Student Participation Leaps for 2008 ASME I•Show

Solicitation ended April 15 for the 2008 ASME I•Show with a whopping 40% increase in student team entries over the previous year. Over 30 collegiate teams from 23 schools provided one-page summaries of their innovation, touting its cutting edge attributes and market viability. Currently under panel review, teams with the most creative yet feasible ideas will advance to the 2008 ASME I•Show competition, where they will present their technology to a judging panel of entrepreneurs, industry experts, venture capitalists, and intellectual property specialists. Their reward: industry recognition and seed funds.

2008 ASME I-Show teams will be announced on Friday, May 9. The live competition will be held Oct. 31, 2008, in Boston, MA, in conjunction with IMECE.

For details, go to <http://www.asme.org/events/ishow>

ASME PeerLinkSM Expands Networking and Collaboration Opportunities for Engineers

Responding to the growing need of engineers and other technical professionals to connect and exchange information, ASME has launched its new communities of practice ASME PeerLink.

ASME PeerLink now offers new features designed to enhance your experience connecting, collaborating and networking with your peers. ASME PeerLink helps broaden communication capabilities through blogging, interactive whiteboards, document collaboration and real time chat.

To learn more and register, go to <http://peerlink.asme.org>.

The ASME Foundation Announces Four New Scholarships



Allen Rhodes Memorial Scholarship \$1,500 (1 award)

This scholarship is in memory of Allen Rhodes, the youngest president of ASME and a former chair of The ASME Foundation. One award will be given each year in 2008, 2009 and 2010 to a deserving mechanical engineering student, who has a specific interest in the oil and gas industry, with preference given to applicants enrolled at Villanova University.

The ASME Foundation Hanley Scholarship \$2,500 (1 award)

This scholarship is funded by the Mary Hanley Trust to provide scholarship funds for financially needy students pursuing an undergraduate degree in mechanical engineering.

Willis F. Thompson Memorial Scholarship \$5,000 each (3 awards)

Mary Evans Stowell Thompson, a founding member of the ASME Foundation Archimedes Club, bequeathed a scholarship fund “. . . in memory of my late husband Willis who played a vital and instrumental role in the conception and development of the United Engineering Center in New York City, and in recognition of my late husband’s lifelong interest and services in many capacities to ASME.”

The ASME Virginia Tech Memorial Scholarship (1 award)

This is a scholarship in recognition of the tragic events that took place on April 16, 2007 at the campus of Virginia Polytechnic Institute and State University. The goal is to remember the fallen and honor the living victims through a yearly award toward graduate study in the College of Engineering.

Awards recipients for any of the above scholarships may be selected on the basis of scholastic ability and the potential contribution of each recipient to the field of mechanical engineering. Enrollment in an ABET accredited program may be a requirement for eligibility as is ASME membership, and some awards may be limited to graduate students. For complete details on the requirements for each ASME award, visit

<http://www.asme.org/Education/College/FinancialAid/>

Expand Your Horizons Volunteer with ASME Using the Volunteer Opportunities Bulletin Board (VOBB)

Have you thought about volunteering at ASME, but don't know where to start? Try the VOBB. If you are an experienced ASME volunteer and would like to find a new project, the VOBB is the place for you. As a tool designed to help volunteer leaders promote local Section and Society-wide positions, it opens the door to new opportunities. The opportunities for involvement include pre-college and educational activities, standards development, government relations, honors and awards selection, the development of new programs and more.

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

Become A Mentor Today! 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, log onto http://www.asme.org/jobs/mentoring/Ementoring_Early_Career.cfm or contact Noel Netel at neteln@asme.org.



2008 ASME Foundation – ASME Auxiliary FIRST Clarke Scholarship Winners

The ASME Foundation and ASME Auxiliary have announced the winners of 2008 FIRST Clarke Scholarships. The joint scholarship program recognizes and rewards students whose FIRST experience has inspired an interest in pursuing a career in engineering. This year's recipients are high school seniors who are active on FIRST teams, and were nominated by ASME members & Auxiliary members or student members who are also active on FIRST teams.

Kevin J. Fuhr
Hahna R. Alexander
Alessandro Sambvani
Samantha Catanzaro
Emily P. Griffen
Kenan L. Paulus
Ricky Wilson
Alex David Trainer
Timothy W. Samson
Bao-Nhat Nguyen

Cypress Creek High School
Ithaca High School
Cimarron Memorial High School
Staten Island Technical High School
Villa Maria Academy
St. Mark's High School
Oxford Area High School
Jupiter Community Senior High School
Kell High School
North Quincy High School

Orlando, FL
Ithaca, NY
Las Vegas, NV
Staten Island, NY
Exton, PA
Elkton, MD
Oxford, PA
Jupiter, FL
Acworth, GA
Quincy, MA

SPONSORS

Established 1977

Expertise in the areas of Mechanical, Plumbing, Electrical, Fire Protection & Telecommunications Design

HinesHartman

CONSULTING ENGINEERS

114 East 5th Avenue, Tallahassee, Florida 32303
(850) 224-7922
www.hineshartman.com

Mike Hartman, President – mhartman@hineshartman.com
Matt Scaringe, Vice President – mscaringe@hineshartman.com



P.O. Box 13931
Tallahassee, FL 32317

3071 Highland Oaks Ter
Suite 3C
Tallahassee, FL 32301

(850) 942-5300 Telephone
(850) 942-5305 Fax
fbooshaghi@gess1.com

*Global Engineering &
Scientific Solutions, LLC*

Farhad Booshaghi, Ph. D., P.E.
Consulting Engineer

TCC's Engineering & Technology
programs produce
highly qualified graduates
in the areas of **Engineering,**
Architecture and
Engineering Technology.



For information call
850-201-8334

Honeywell

Mike Cunniff

Account Executive
Automation & Control Solutions
Honeywell Building Solutions

Honeywell
2910 Kerry Forest Pkwy.
#D4-173
Tallahassee, FL 32309
850-668-2639
850-668-6981 Fax
850-528-6287 Mobile

michael.cunniff@honeywell.com

*Specializing in technical recruiting and
placement of engineering professionals*



LOCAL OFFICE:
1820 E. PARK AVE., SUITE 203
TALLAHASSEE, FL 32301
(850)219-4700

Offices nationwide 888-AEROTEK www.aerotek.com

BECC

CONSULTING, LLC

3660 Hartsfield Road
Suite 123
Tallahassee, FL 32303

P.O. Box 4229
Tallahassee, FL 32315

Phone: (850) 576-1176
Fax: (850) 575-8454

Accident Reconstruction www.beconsult.com

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