

FWCS-ASME News

Chairperson's Message:

This month we begin our 2010-2011 Program year. The executive board has been busy all summer planning an exciting program selection. In addition to our regular monthly dinner meetings we will also will be sponsoring several professional and career development networking get together's this year. We also are planning a couple of Saturday tours this year. Some of the highlights for this upcoming year include; a tour of Walt Disney World in Orlando. A holiday social/meeting in December at the Center Club. and, of Course, The Annual Engineers Week Banquet. We will also again host our annual First Tech Challenge Robot Competition held at University of South Florida, Tampa Campus.

In other news, The Florida West Coast Section is again one of the lead ASME sections in helping reshaping the new ASME International as ASME adapts to the modern work environment. Florida West Coast Section in partnership with the USF ASME Student Section who is also hosting a very successful District "F" Southeastern US Student Conference in September. So, if you haven't gotten involved before, you have been missing out on a great deal of activities and missing a great place to network with your fellow engineers. I hope to see all of our section members attend at least one meeting this year. If you have any comments or suggestions on changes you would like to see, or how to improve ASME at any level, please call, or E-mail me.

I hope to hear from you and look forward to meeting many more engineers, remember we are the dream makers, thank you for all of your contributions!

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June Awards Dinner

On June 23rd, 2010, FWCS-ASME held our Awards presentation meeting, and also our last meeting of the season at the beautiful Centre Club in Tampa.

Pete Grotsky, the outgoing section chair presented awards to his elected officers as follows:

Matt Montgomery – Vice Chair

Steve Elting – Vice Chair, Programs

Paul Stevenson – Secretary

Noel McCormick – Treasurer

Bob Andrew – Director

Elizabeth Vincourek – Membership Development Committee Chair

Awilda Harrington – Diversity Committee Chair/TBEWB Committee

Matt Montgomery presented the Helen and Clarence Prince Scholarship award to Sean Motta, USF Senior Mechanical Engineering student.

Pete then introduced Elizabeth Vincourek as the new Chair of our section. Elizabeth then introduced her new elected officers. They are:

Steve Elting – Vice Chair

Karen Vallar – Vice Chair, Programs

Paul Stevenson – Secretary

Matt Montgomery – Treasurer

The dinner meeting was closed by Pete Grotsky after thanking everyone in attendance for their support of our section and wishing the best of success to Elizabeth Vincourek and her new administration.

ASME Honors Two Women for Excellence in Engineering Management



Denise J. Elston holds Frederick W. Taylor award, presented by 2010 GEMC chair Howard Berkof.

Denise J. Elston of Shell International Exploration and Production Inc., and Delores Etter, Ph.D., the director of the Caruth Institute for Engineering Education at Southern Methodist University, were honored by ASME recently for their distinguished work in the field of engineering management.

The awards were presented during the proceedings of the 2010 ASME Global Engineering Management Conference (GEMC) in Dallas.

Elston, general manager for upstream major projects at Shell, received the Frederick W. Taylor Award, recognizing outstanding practitioners of engineering management. A 25-year veteran of Shell, Elston has held a variety of positions in engineering, operations and projects. Her current work focuses on surface facilities for arctic, deepwater, and unconventional projects.

Etter received the Henry Robinson Towne Lecture Award recognizing an outstanding leader in the field of engineering management, economics or business. A member of the electrical engineering faculty at Southern Methodist University, Etter is involved in research for digital signal processing, biometric signal processing and related subjects. She has authored several texts on software engineering and computer language. She has held positions in the U.S. Department of Defense, U.S. Marine Corps, and U.S. Naval Academy. In 2005, she was named assistant secretary of the Navy for Research, Development and Acquisitions.

The 2010 ASME GEMC included interactive sessions and workshops providing tools and techniques for success in the international marketplace.

President Holt, on the Value of Energy Technologies



Amidst the work on ASME's strategic priorities — energy, workforce development, and global impact — and our goal, as a profession and as an organization, to make a positive impact on the lives of people living throughout the world, come natural disasters like earthquakes in areas including Haiti and Peru, and events as devastating as the Deepwater Horizon disaster in the Gulf of Mexico.

These catastrophes reinforce our Society's commitment to help facilitate the work toward technology solutions for all kinds of global problems.

Let's consider Deepwater Horizon where lives were lost, the environment was jeopardized and the economy impacted. Within the context of this disaster we clearly see the role of engineers (including members of ASME) both in assessing the damage, helping resolve the problem, and developing better technologies to prevent future mishaps or at least minimize their effect. There is no doubt that some members are involved in these activities already.

The engineering community must step up during these times and recognize the role of technology within this context. Deepwater Horizon represents one example of why ASME is involved in the Energy Grand Challenge and the other ambitious strategic initiatives.

Tackling major challenges requires unprecedented collaboration, communication, risk management expertise and the workable solutions based on sound scientific research and engineering principles. Consider that to locate and claim a fuel resource that is greatly relied upon by a consumer-rich society, engineering has enabled access to these resources at unprecedented depths, temperatures and pressures, using advanced technologies and complex systems. This recent incident underscores the importance of transparency and responsiveness inherent in corporate responsibilities, as well as that of standards and compliance.

Read the entire article: *The Value of Energy Technologies*, in the May 18, 2010 edition of ASME News Online, now available at <http://www.asmenews.org>



International Gas Turbine Institute

Over 50 years of service to the Gas Turbine community through Conference, Educational Training Programs, and Publications

Pre-Conference Workshops being held in conjunction with IGTI's 2010 Gas Turbine Users Symposium!

Monday, Oct. 4, 2010

George R. Brown Convention Center
Houston, TX

Basic Gas Turbine Metallurgy and Repair Technology

Overview and Objective: This workshop will explain super-alloy materials, component damage experienced from service exposure, techniques used to analyze the remaining life of components removed from service, protective coatings, component repair technologies, and quality assurance of repairs. The workshop includes many case study examples and the last section is devoted to a workshop where attendees develop component repair solutions. Participants may submit questions in advance regarding repair issues faced in their jobs. Earn 7 Professional Development Hours (PDH's) and receive a certificate of completion!

Gas Turbine Combines Cycle Primer

Overview and Objective: The objective of the workshop is to provide the practicing engineers in power generation industry with fundamental thermodynamic principles that govern the design and performance of Gas Turbine Combined Cycle power plants. Attending this workshop will benefit the participant's business via increased productivity, reliability, innovative potential, and quality via reduction in costly design errors. Another significant benefit is increased employee job satisfaction through a better understanding of the underlying engineering beauty in sometimes seemingly tedious tasks. Earn 7 Professional Development Hours (PDH's) and receive a certificate of completion!

For more detailed information or to register for these workshops, please visit the IGTI website at: <http://igit.asme.org>



Interested in Volunteering?

The Volunteer Opportunities Bulletin Board (VOBB) is an online resource that connects would-be volunteers and those with open volunteer positions. This is a tool for all volunteers seeking positions 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 site is welcome to review the positions and apply online. Open your door to a new volunteer opportunity ... today.

For more information on the VOBB go to <http://volunteer.asme.org/vobb/> or contact Ty Booker (bookert@asme.org).

USA Science & Engineering Festival (<http://usasciencefestival.org/>)

Festival Dates: Oct. 10-24, 2010
Expo on the National Mall:
Oct. 23-24, 2010

The Inaugural USA Science & Engineering Festival will descend on the Washington, D.C. area this fall. The Festival promises to be the ultimate multi-cultural, multi-generational and multi-disciplinary celebration of science and engineering in the United States. The culmination of the Festival will be a two-day Expo in the nation's capital that will give over 500 science & engineering organizations from all over the United States the opportunity to present themselves with a hands-on, fun science activity to inspire the next generation of scientists and engineers.

ASME Pressure Vessels and Piping Conference to Open July 18



The ASME 2010 Pressure Vessels and Piping (PVP) Conference, featuring a multidisciplinary technical program and special forums on nondestructive evaluation and software applications, will be held July 18-22 in Bellevue, Wash.

The Conference, to be held at the Hyatt Regency Bellevue, will explore the theme “Pressure Vessel Technologies for the Energy Challenge” and include presentations ranging from pipeline design and operations to computer application and nanotechnology. Twelve general topics comprise the program for the conference, which will attract engineering experts from the worldwide power process industries.

A plenary session will include two presentations focusing on the management of materials degradation in pipeline structures and nuclear power plant safety in Korea. The plenary speakers will be Leonard J. Bond, Ph.D., of Pacific Northwest National Laboratory and Young-Jin Kim, Ph.D., of Sugkyunkwan University in Seoul.

An ASME Unit is Just around the Corner!

Use the Unit Search tool located on asme.org to find an ASME District, Section, Student Section and or Technical Chapter in your local area!

Visit <http://forms.asme.org/unitsearch/> and use the pull down menus to select your country, state and zip code (for U.S. and Canada). Then conduct the search for a specific unit.

Winners of 2010 ASME HPV East Announced



Student from the Rose-Hulman Institute prepares to ride “Ragnorok” at East Coast HPV Competition.

The Rose-Hulman Institute of Technology (Terre Haute, Ind.), and Missouri University of Science and Technology, (Rolla, Mo.) were named the winners of ASME’s Human Powered Vehicle East competition, which took place in early May at the Central Connecticut State University campus in New Britain, CT.

This marks the second year in a row that the Rose-Hulman Institute of Technology team placed first in both the east and west coast HPVC competitions. This year’s team constructed a vehicle named “Ragnorok,” which won the top prize in the unrestricted class, for challenges based on utility and use. The Missouri University of Science and Technology’s vehicle, “Siren,” took first place in the restricted class, based on speed. Both team were also first place winners in their respective classes for the west coast competition, which took place last month.

“The ASME Human Powered Vehicle Challenge gives student engineers first-hand experience in working with a team of engineers to create useful innovations and meet challenges faced by the engineering community today,” said ASME President Amos Holt, Ph. D. “We are proud to see the level of innovation and skill represented in the teams at the HPVC competitions and look forward to their contributions to the engineering community and the world.”

Second and third place teams were also announced for both the speed and unrestricted classes of the competition. These teams included: Olin College (2nd place, speed class), University of Wisconsin, Madison (2nd place, unrestricted class), University of Toronto (3rd place, speed class) and Ohio Northern University (3rd place, unrestricted class).



Member Savvy

The Value of ASME Membership



Benefit Spotlight: Social Media @ ASME

"I'm especially proud to be an ASME member as it shows that I am actively keeping pace with developments in the field. It also shows commitment to the profession and is another defining signature of being an ME. Finally, the access it grants to source texts, materials and informative writings enables me to more effectively project my expertise than I would be able to had I not been a member...."

Judah Richardson ~ ASME Member since 2002

Dear Members,

In last month's Member Savvy, I touched on the value of "social" sites like Facebook and Twitter. This got me thinking about the explosion of networking sites on the internet and their impact around the world. In addition to sharing my view on this communication trend as it relates to ME's, I'd like to issue you a challenge.

Every mechanical engineer should explore and embrace social networking tools. The reason is simple. You can enhance your reputation, advertise your personal brand and build professional relationships unlike ever before. There's no easier and more efficient way today of keeping "the professional" you, and your needs and aspirations in front of other people.

So, today I'm issuing a challenge to the thousands of Member Savvy readers and proud ASME Members. Become a fan of the ASME Facebook page, join the ASME LinkedIn group, and follow ASME membership on Twitter. Let's work together to increase the number of socially connected ASME members on our pages. Today we have more than 2,700 Facebook fans – I know we can double that number easily! We have over 10,000 LinkedIn members – let's increase that by 20%! And the Membership Twitter page – It's brand new and we only have a few followers, so we can make a real impact. I will join you and participate on a regular basis.

However, more important than just increasing the number of people is for you to become an active and engaged participant. Start by asking your fellow ASME Members a technical question. Or offer a potential solution to an engineer having a problem. Take a minute to participate in a discussion. Invite your friends, colleagues and other mechanical engineers to join these ASME groups. That's the "magical connection" that I'm talking about! Before you know it, you'll have increased your professional network dramatically. Not just in your home office, but around the world! So, don't just join and lurk on the sidelines...please get involved. It's like karma -- the more you give, the more you get back!

Warmest regards,

Mike

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