

FWCS – ASME FROM THE CHAIR

Hello, and welcome to another addition of our newsletter. A most important event is happening this month, our Engineering Banquet and it happens at the end of Engineers week.

One week each year is set aside to celebrate the contributions that engineers make in the world. Since 1951, more than 70 organizations across the nation take the time to gather and recognize the continuing need for engineers and engineering education.

The time is taken to volunteer and educate the community about the importance of learning science, math and other technical skills.

The Florida West Coast Section of ASME celebrates each year by joining other sister organizations. This year you can attend at discounted rates just for going with ASME! Please see our website for more information and to register for your tickets.

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FWCS-ASME



Tampa Bay Engineers Week Banquet

**Achievement, Recognition
and Honor!**

When: Friday, February 25, 2011

**Where: A La Carte Event Pavilion,
4050 Dana Shores drive, Tampa, Florida, 33634**

Time: 5:30 pm - Vendor Expo, Reception

7:00 pm - Dinner and Awards Banquet

Florida West Coast Section of ASME celebrates the engineering each year along with other engineering organizations. This is going to be the time of a year to meet, greet and honor engineers from various disciplines in one place. Join us on February 25th for the spectacular evening of celebration and honoring the engineering profession.

Be part of the most important engineering event of the year and share the excitement with us and the award winners of 2010 Engineer of the Year & Student Engineer of the Year.

The speaker of the evening will be Mr. Ken Johnson, Director FIRST Tech challenge.

Don't miss this incredible opportunity for professional networking. Make your reservation at ASME table, RSVP and purchase your discounted tickets by visiting our web site <http://www.asmefwcs.org> following the link to the reservation.

We are looking forward to see you all on February 25th!

FWCS – ASME Upcoming March Tours and Events

When the weather warms in Tampa Bay area in March, we are taking you to the next level - experiencing the spring time while touring and attending events hosted by the FWCS of ASME.

March is going to be a month full of interesting events, professional development and gatherings. As always, all of the event info, timing and event locations are up to date on our website <http://www.asmefwcs.org>.

- On March 2nd support the student section of ASME at USF who is hosting their traditional USF Student Paper Night. The teams presenting will travel to the Student Leadership Conference in Orlando, and this is an opportunity for them to get feedback on their presentations.
- From March 3rd to 6th representatives from the FWCS of ASME will be attending the Leadership Training Conference in Dallas, TX hosted by ASME National. We will keep you posted with our learning experiences from this incredible event.
- On March 16th we are inviting you to join us for a tour of Chromalloy in Tampa.
- March 21st will be another exciting tour! Stay tuned for additional details!

For all the upcoming events in March please visit our website <http://www.asmefwcs.org> with the updated information.

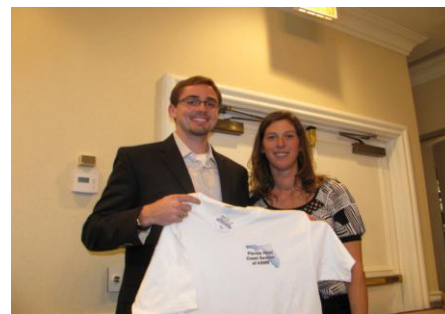


FWCS – ASME January Networking Event

On January 19th, 2011 over 30 attendees, members and friends of FWCS of ASME met at the Centre Club in Tampa for the first Networking Event of the Year.

Jake Briggs from Buffalo NY ASME Section presented his views of today's job market and job hunting, benefits of networking, resume's writing and interview tips.

In inviting atmosphere many interesting questions from the audience where answered by Mr. Briggs.



For the first time introduced fish ball draw prizes made the evening very exciting.



2011 Leadership Training Conference

March 3-6, 2011 • Dallas, TX

If you are an incoming or prospective executive committee officer (unit leader) or a unit leader who may have never attended a Leadership Training Conference (LTC) or ASME training seminar, then make plans to attend the 2011 LTC, March 3-6 in Dallas, Texas.

The LTC is designed to provide ASME unit leaders and key committee personnel with an opportunity to learn crucial skills and network with other units important to the successful operation of the Society. The LTC program will include:

- An overall view of the Society's organization and activities and resources
- Leadership skills training to help you succeed in leading your ASME unit
- The ASME Idea Mart – a mini expo featuring communities, units and sectors from across the Society
- Parallel tracks for first timers called [ASME 101](#), and the Advanced Leadership Forum for more seasoned leaders.
- Valuable networking opportunities with other leaders and ASME staff
- A forum for sharing ideas and best practices
- Leadership skills.... including a pre-conference workshop on Thursday - "The Leaders' Voice," with Ron Crossland, sponsored by the VOLT Academy.

Section, Division and Institute leaders have been asked to identify candidates from their respective units to attend. We encourage incoming leaders from across the society to self-fund delegates since the wide range and number of workshops is best suited for a delegate team from a unit.

For registration and conference details visit the Web site at <http://events.asme.org/LTC11/home.cfm>

ASME Turbo Expo in Vancouver

Plan now to join more than 3,000 turbomachinery colleagues from around the world at ASME TURBO EXPO, ASME's premier turbine technical conference and exposition, set for **June 6-10, 2011**, in Vancouver, Canada, at the **Vancouver Convention & Exhibition Centre**.

Turbo Expo has a well-earned reputation for bringing together the best and brightest experts from around the world to share the latest in gas turbine technology, research and development, and application. To address the world's increasing energy demands, IGTT's leadership is broadening the scope of the ASME Turbo Expo technical program to include related technical topics in Steam Turbines, Wind Turbines, Fans & Blowers and Solar Brayton & Rankine Cycle.

Professionals at every level should attend Turbo Expo, including students and young professionals. "I was a volunteer for Turbo Expo in Glasgow, Scotland. It was a fantastic experience. I got to see professionals from all around the world. I learned a lot as a session assistant by interacting with gas turbine professionals," said Xuna Li, University of Strathclyde, Glasgow.

"I was also able to attend sessions that I was interested in, such as those about wind turbines. I still keep in contact with some of the professionals I networked with at the conference. I also had a chance to view the exhibitions of some companies when I was not on duty. It was a great opportunity to see what the working world is like and to meet many new people," she added.

Don't miss it. Register online today at:

www.turboexpo.org

EWB-USA International Student Conference

March 24-27, 2011

<http://www.ewb-usa.org/conference/2011>

**Inspirational Engineering:
Empowering Global Communities through Transformative Leadership**

Join us in Louisville, KY, USA!

Sign up now for your discounted ASME/EWB-USA joint membership!

http://www.asme.org/Membership/Members_Can_SAVE_20_EWBUSA.cfm

National Engineers Week February 14–20, 2010



ENGINEERS MAKE A WORLD OF DIFFERENCE

Engineers Week 2011 **Reach. Respect. Recognize.**

Engineers Week celebrates 60 years of being a global leader in cultivating and celebrating the engineering profession. Be part of the celebration! www.eweek.org. Free artwork for download:

<http://eweek.org/NewsStory.aspx?ContentID=224> Order your supplies: <https://shop.eweek.org/site/store/>



ENGINEERS WITHOUT BORDERS
USA

ASME's strategic partner Engineers Without Borders-USA is currently seeking professional engineers to serve as mentors for the organization's more than 250 student chapters in the United States.

If you're interested in sharing your technical skills with the engineers of tomorrow — and making a real difference in the lives of people in developing countries throughout the world — visit www.ewb-mentors.org/EWBmentor to learn more about how to become an EWB-USA professional mentor.

Last January, ASME and EWB-USA entered into an enhanced strategic partnership to leverage each organization's strengths to benefit future joint initiatives and objectives. Now an EWB-USA Principal Partner, ASME began its collaboration with EWB-USA in 2003 when ASME served on the EWB-USA board of directors as the first society partner to provide dedicated resources to support EWB-USA's mission. Today, both organizations share similar strategic interests, including the development of the engineering workforce, making an impact on global needs and contributing to renewable energy initiatives.

As a result of this partnership, ASME members are now entitled to a 20 percent discount on membership dues when they join EWB-USA. ASME members can now join EWB-USA as a Professional Member for \$80 (\$20 off the regular cost), or as Supporting Member for \$60 (a \$15 savings). For additional information on enrolling in EWB-USA, visit www.asme.org/membership/Members_Can_SAVE_20_EWBUSA.cfm.

For more information on Engineers Without Borders-USA, visit www.ewb-usa.org. To find out more about ASME's partnership with EWB-USA, visit www.asme.org/Communities/Students/Undergrad/Engineers_Borders_2.cfm.

SwRI Training Week: Feb. 21-25, 2011
Southwest Research Institute
San Antonio, TX



Register for courses on gas turbines and centrifugal compressors, the root cause failure analysis of gas turbines, compressor performance testing and dynamics, machinery performance testing and troubleshooting.

When you register for more than one course being held during Training Week, you will receive 10% off the total fee.

Register today at:
<http://files.asme.org/IGTI/Education/25570.doc>



Register today for the Introduction to Compressor Aero Design and Performance Webinar, March 23, 2011, 11:00 AM - 12:00 PM EST

Course Overview:

The focus of this presentation will be aerodynamic fundamentals of how compressors work, how they are designed, how their performance is evaluated, and how they operate in the field. This introductory webinar is targeted to engineers with an interest in gas turbine engines and their operation.

Each registered attendee will receive one Professional Development Hour (PDH) and an electronic certificate of completion.

Instructor Profile:

Patricia Cargill holds a BSME from Iowa State University. She has thirty years experience in fan & compressor aerodynamics, at Garrett and at GE Aviation. Cargill is currently the manager of the Fan & Compressor Aero Design group at GE Aviation in Evendale, Ohio.

2010 ASME Boiler Pressure Vessel Code Now Available

The 2010 edition of the ASME Boiler and Pressure Vessel Code, including updates and revisions to meet changes industry practices, is available for purchase.

The code establishes rules of safety relating to the design, construction, operation, testing, and maintenance of boilers, transport tanks, nuclear power plant components, and other pressure systems.

Previously issued in 2007, the new code incorporates many changes that reflect advancements in design, materials, construction methods, and applications. The 2010 edition contains changes and revision in eleven of its twelve sections, including new specification and rules addressing nondestructive evaluation, nuclear components, welding and brazing, and ferrous and nonferrous materials. For more information on the ASME BPVC and for orders and details, visit:

<http://campaign.asme.org/bpvc10/home.cfm?track=go.asme.org>

Global Marathon For, By and About Women in Engineering and Technology March 7-12, 2011

Join free webinars and chat sessions, including the opportunity for participants to dialogue with the speakers, on topics including innovation, finding fun in technology, career choices, precollege outreach, leadership skills, and more... For more information on how to participate or host an activity contact: stenosm@asme.org

IGTI Scholarships Available Now!



The ASME International Gas Turbine Institute awards one \$4,000 scholarship every year based on superior academic performance and demonstrated interest in the gas turbine, propulsion, or turbomachinery industries to an undergraduate or graduate student. **Applicants must be ASME Student Members in good standing at the time of application.**

Applications for each academic year are accepted online each year only from **Jan. 15 through March 1**, after which our online application is closed. [PLEASE READ the detailed INSTRUCTIONS for the application form here.](#)

If you are not a member and would like to join, see our [Student Online Member Application](#).

Congratulations to our Past Winners!

2010 Winner: Stephen Clark, Duke University
2009 Winner: Tejas Chafekar, Birla Institute of Technology & Science, Pilani, India
2008 Winner: Gregory Bond, Baylor University



Free For ASME Members: e-Greeting Cards!

Thank a co-worker ... Say "hi" to your boss...Reach out to a former or current teacher...Tell a loved one you appreciate their support ... Surprise a colleague you've lost touch with...

ASME is celebrating Engineers Week, Feb. 20-26, 2011 with a unique and fun activity, especially for our Members. e-Greeting cards are a great way to send a creative message to friends, co-workers and loved ones to brighten their day.

e-Greeting cards are **FREE** and easy to send! The recipient doesn't have to be an ASME Member, and you can send as many as you like. Click on go.asme.org/ecards and send an e-Greeting to a colleague or friend today!

FWCS – ASME
Engineering Opportunities

Fortune 50 Company in New England is seeking a

Development Engineer

for the Cross Integrated Product Team (C.I.P.T.) with this manufacturer of military and commercial gas turbine engines.

This is an opportunity to direct the development of the next generation of combustors and augmenters and beyond. Technical efforts range from conceptual designs, to rigs, to demonstrator engines. Ideally, this individual would be experienced in combustor and augmenters design, have a proven track record of innovation, and has the experience to direct the work of PW and outsource designers. Furthermore, this individual would be expected to discuss the technical aspects of the design with internal and external customers. This individual would be key to developing the roadmaps for future combustors and would be expected to consider future trends and requirements, be able to identify gaps, and help put together plans to address these gaps. The CIPT also writes proposals that this individual would be expected to contribute to. And finally, it is expected that Advanced Technology will work closely with the Design Methods and the Structure Methods groups to try out and implement improved design tools and optimization.

A BS/MS in Engineering is required along with 10 or more years of working aerospace or combustible Technology experience.

Compensation will be based on experience. Excellent benefits along with relocation assistance. Qualified candidates are to

E-mail a resume along with salary requirements to: consultsloan@hotmail.com.

Fortune 50 Company in New England is seeking

Mechanical Design Engineers

to work on challenging component designs for the company's entire gas turbine engine product line, including the next generation of commercial and military engines. You will work within multi-disciplinary engineering teams to meet the mechanical, cost, and schedule requirements of the product. Strong analytical, communication, and teaming skills is a must. Good understanding of manufacturing processes, aerospace design methods and procedures, and continuous improvement tools, is preferred.

Other responsibilities include developing conceptual, preliminary, and detailed designs of various challenging gas turbine components. Providing technical substantiation and participation in design reviews, along with providing production, field and aftermath technical support. . Possess good leadership skills and the ability to adapt to ever changing business needs.

BS in Mechanical or aerospace Engineering required, plus 8 years experience in gas turbine or equivalent component design and development in a fast-paced environment. Occasional travel may be required. Candidates must be U.S. citizen or status that allows contact with intellectual property or military programs.

Compensation will be based on experience. Excellent benefits along with relocation assistance.

Qualified candidates are to E-mail a resume along with salary requirements to : consultsloan@hotmail.com.

Fortune 50 Company in New England is seeking a

Structural Analysis

in the Structures Group of this manufacturer of military and commercial gas turbine engines. This group will be working on various shrouded and unshrouded blades and will be responsible for the analysis and validation of airfoil vibration, steady stress, and lifting for all military and commercial turbine engines. With assignments ranging from new design to re-engineering existing designs to resolution of field issues, the position provides the analyst to stretch their structural skills through the use of state-of-the-art analytical tools, interaction with multiple disciplines and participation in the lab and engine validation programs. The position also provides the opportunity to identify and improve process related issues within the structures discipline. BS in Engineering required, preferably a BSME with a minimum of 3 years experience in analytical engineering discipline with airfoil experience preferred.

Compensation will be based on experience. Excellent benefits including relocation assistance.

Qualified candidates are to E-mail a resume along with salary requirements to: consultsloan@hotmail.com.

FWCS-ASME

“Simplicity is the ultimate sophistication.”

– Leonardo da Vinci (1452-1519)

***Italian painter, sculptor, scientist, engineer, architect, inventor,
mathematician***

If you have a job posting, open career opportunity, want to sponsor an event organized by FWCS, or want to share an idea on a possible tour/event, give us your thoughts and e-mail the newsletter chair at: krstanoskim2@asme.org.

We welcome your feedback, ideas and suggestions for future issues.

FWCS-ASME Officers and Committee chairs

Chair: Elizabeth Vincourek e-mail: evincourek@yahoo.com	Vice Chair: Steve Elting e-mail: steve@eltingmechanical.com	Vice Chair Programs Magdalena Krstanoski e-mail: krstanoskim2@asme.org	Treasurer: Matthew Montgomery e-mail: matt.montgomery@mcst.com
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Immediate Past Chair / Director: Pete Grotsky e-mail: grotskyp2@asme.org	Webmaster: Dr.Autar Kaw e-mail: kaw@eng.usf.edu	TBEWB Chairs: Elizabeth Vincourek / Pete Grotsky e-mail: evincourek@yahoo.com / grotskyp2@asme.org	Newsletter Committee Chair: Magdalena Krstanoski e-mail: krstanoskim2@asme.org