

From the Chair

Dear Members and Friends of FWCS,

As an Association we have accomplished most of the tasks this year that was on our agenda, including more tours, guest speakers, networking and less “dinner” parties.

If you liked something we planned last year, let us know and we can try and repeat that tour. If you have suggestions those are always welcome as well.

As an Association we continue to grow and are always looking for volunteers for the upcoming years. If you have time please contact us to help we would surely appreciate it. We have opening like Awards committee, Membership committee, speaking engagements at local high schools just to name a few. Some position only require a few phone calls where others may be more time consuming but we always welcome anyone willing to help at any level. Please contact us if you are interested.

On June 15th 2011, we will have our last dinner meeting of the year and we welcome everyone to meet and greet with our new officers elect and fellow ASME members in attendance. Thank you for your continuous support of our FWCS of ASME.

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FWCS-ASME: Upcoming Events

Dinner and presentation evening: Team Florida Flex House Presentation Helen & Clarence Prince Scholarship Award

Being one of the twenty International finalists to compete in the upcoming U.S. Department of Energy Solar Decathlon 2011, Florida Flex House Team is taking their sustainable project to the next level.

Team Florida is a multidisciplinary team comprised of four Universities (USF, UF, FSU and UCF) with goal to build an energy-efficient, effective, affordable and attractive net-zero energy house, designed for a hot, humid and intense solar radiation throughout the year climate.

Along with the architectural aspects and importance of the project house orientation, this Team will present some of the mechanical aspects utilized in this particular project, such as: HVAC and ventilation, water collection and rainwater utilization, solar thermal panels, placement of mechanical equipment and its accessibility, air conditioning, renewable energy and other sustainable features.

During the course of the evening, FWCS of ASME will be awarding the 2011 Helen and Clarence Prince scholarship to one of the USF ASME student members.

When: June 15th, 2011

Time: 5:30 pm to 8:30 pm

**Where: Best Western Bay Harbor Hotel,
7700 West Courtney Campbell Causeway
Tampa, FL 33607**

**What: Florida Flex House Team presentation
Helen & Clarence Prince Scholarship Award**

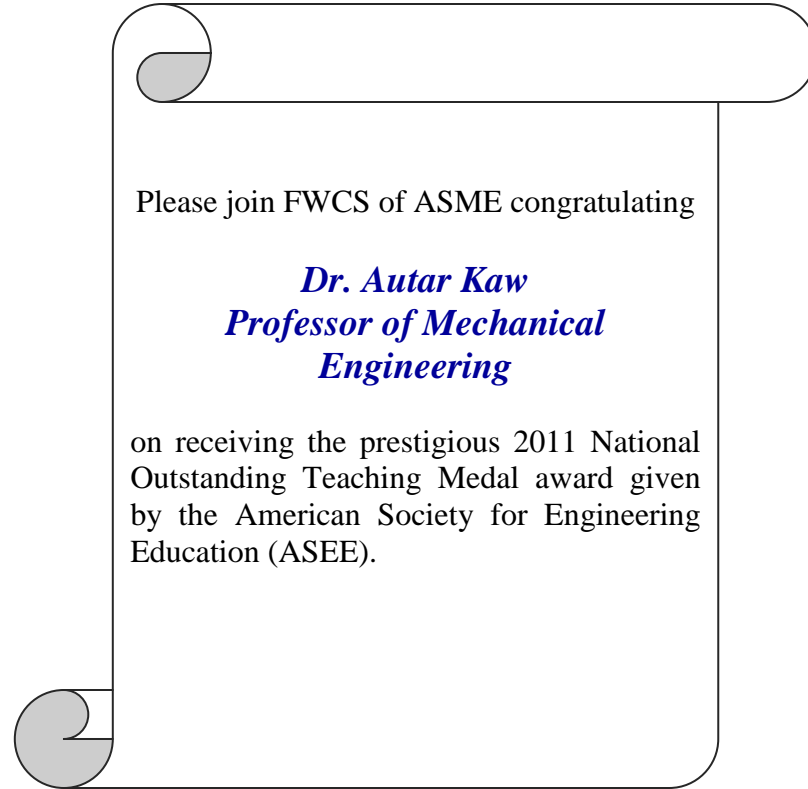
**Cost : \$30 - Senior members and guests
\$20 – Students/Senior members in between jobs**

Note: For registration, dinner selection and directions please visit our website at: www.asmefwcs.org

Please join FWCS of ASME congratulating

Dr. Autar Kaw
Professor of Mechanical
Engineering

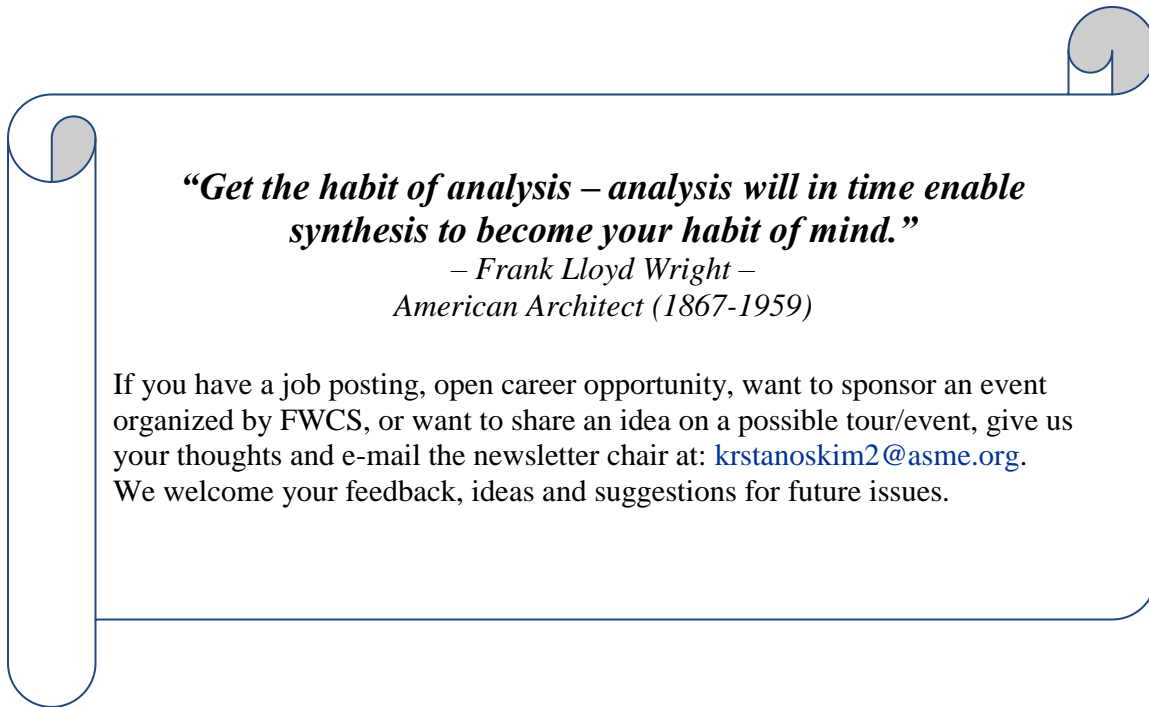
on receiving the prestigious 2011 National Outstanding Teaching Medal award given by the American Society for Engineering Education (ASEE).



***“Get the habit of analysis – analysis will in time enable
synthesis to become your habit of mind.”***

*– Frank Lloyd Wright –
American Architect (1867-1959)*

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.



News from ASME Standards & Certification

Elevators and Escalators

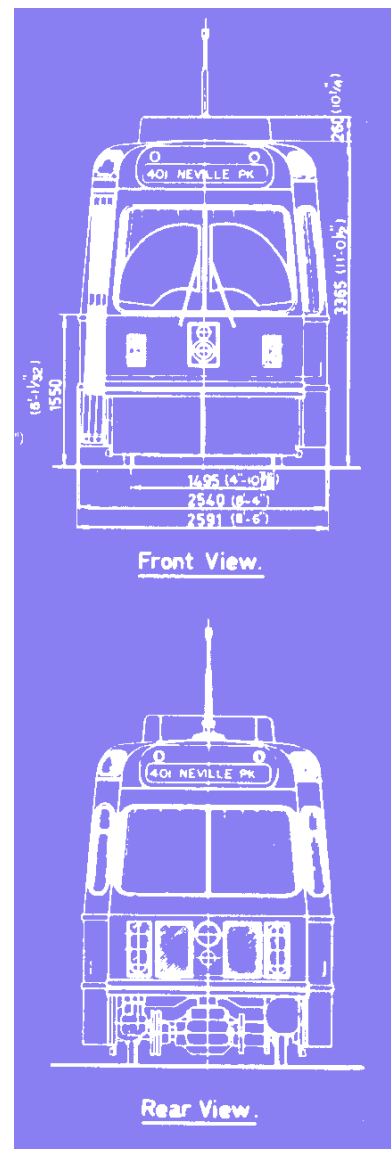
ASME's Codes and Standards have earned a worldwide reputation for safety. The ASME A17.1CSA B44-2010 Safety Code for Elevators and Escalators has served as the bedrock for the safe design, construction, installation, operation and maintenance of escalators and related conveyances. A complete A17 Series of Safety Codes & Standards for Elevators and Escalators is available at a 10 percent savings now through December 31, 2011. You can order all seven standards (A17.1 through A17.7) with just one Order No. AX17CS. Contact ASME 1-800-843-2763 for more details.

Energy Assessment

The industrial sector, including petroleum and coal, chemicals, paper, primary metals/steel, cement, power utilities, food processing and other manufacturing, has long been America's largest energy user, currently consuming about 33 percent of the total usage. While many industrial facilities have the potential to increase the efficiency of their systems, they have difficulty doing so because there is no market definition for energy-efficiency assessment services. ASME's new Energy Assessment (EA) Standards and Guidance Documents were developed at the request of the U.S. Department of Energy to address this critical need. These four EA standards, the first of their kind in the world, include Process Heating Systems, Pumping Systems, Steam Systems and Compressed Air Systems. Contact ASME at 1-800-843-2763 for more details.

Heavy/Light Rail Transit Vehicles

Two standards outlining the structural safety requirements for both heavy and light rail vehicles are now available from ASME, the leading developer of international mechanical engineering standards, certification, and professional training and development programs. The rail standards, RT-1-2009 Safety Standard for Structural Requirements for Light Rail Vehicles and RT-2-2008 Safety Standard for Structural Requirements for Heavy Rail Vehicles, aim to increase passenger safety in the event of train collisions, while also limiting and controlling damage to the railcar bodies. Reflecting the best practices in rail vehicle design and testing, the standards provide state-of-the-art guidelines for manufacturers, transit system operators, and governing entities. Contact ASME at 1-800-843-2763 for more details.



UPCOMING IGTI EVENTS:

Wind Turbine Tutorial

Wednesday, Sept. 28, 2011
11:00 AM - 12:00 PM EDT

Engineering Ethics in Action Webinar

Thursday, Nov. 3, 2011
11:00 AM - 12:00 PM EST

ASME International Gas Turbine Institute Gas Turbine Training Week

Feb. 27 – March 2, 2012
Southwest Research Institute, San Antonio,
Texas.

Sessions Include:

- “Gas Turbines and Compressors”
- “Root Cause Failure Analysis”
- “Rotor and Blade Dynamics”
- “Field, Factory Testing and Dynamics”

ASME International Gas Turbine Institute European Gas Turbine Training Week

Nov. 7 – 11, 2011
Helmut-Schmidt University, Hamburg, Germany

Monday-Tuesday, Nov. 7-8, 2011

“Introduction to Gas Turbines and Centrifugal Compressors”
Instructors: Dr. Klaus Brun, SwRI, Dr. Rainer Kurz, Solar Turbines, Inc.,
Dr. Franz Joos, Helmut Schmidt University and Mr. David Ransom, SwRI

Wednesday, Nov. 9, 2011

“Machinery Performance Testing and Troubleshooting”
Instructors: Dr. Klaus Brun, Dr. Rainer Kurz, Mr. David Ransom

Thursday, Nov. 10, 2011

“Root Cause Failure Analysis of Gas Turbines”
Instructor: Mr. David Ransom, Dr. Klaus Brun

Friday (Morning only), Nov. 11, 2011

“Rotor and Blade Dynamics”
Instructor: Mr. David Ransom

Discover Your Value in Today's Job Market!

The Engineering Income and Salary Survey: The only real-time mechanical engineering compensation survey in the U.S.

ASME is conducting a comprehensive online salary survey, updated daily, as part of the ASME Career Center.

The survey covers all compensation, including bonuses and benefits, based on a wide range of factors: education level, years of experience, geographic location, gender, and practice specialty, among others.

The annual Engineering Income and Salary Survey combines first-hand data from thousands of ASME and ASCE members, and is powered by Gallup, one of the worldwide leaders in market research. That means you can be assured that the data and benchmarks in your custom reports are comprehensive, current and accurate.

To keep our data robust and fresh, we are inviting you to participate in the 2011 - 2012 ASME Salary Survey. You will receive a complimentary one-page summary snapshot at the end of the survey. Members will also receive special discounts on more detailed live custom reports.

Your participation in this project is vital to help us provide our members with reliable and valuable data. **Participate Today!**

ASME- ASME Auxiliary FIRST Clarke Scholarship

To recognize and reward students whose FIRST experience has inspired an interest in pursuing an engineering career, **ASME – ASME Auxiliary** will award scholarships to high school seniors active on a FIRST FTC or a FIRST FRC team, who are nominated by ASME members, ASME Auxiliary members, or student members who are also active with FIRST. These awards will be for the first year of study (non-renewable) in an accredited mechanical engineering or mechanical engineering technology program. The recipients will be announced at the FIRST National Championship.

Nomination and Student Eligibility

Members of ASME, including ASME Auxiliary members and student members, may nominate no more than one student each. Students must be:

- Graduating high school seniors active on a FIRST FTC or FRC team
- Planning to enroll full-time in an ABET-accredited or substantially equivalent mechanical engineering or mechanical engineering technology program, no later than the fall after their senior year in high school.



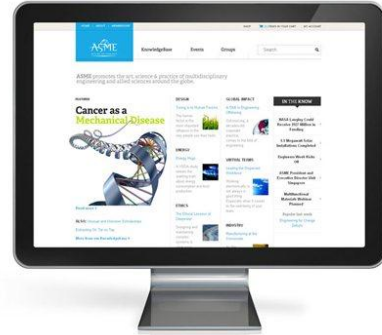
Cand #	First Name	Last Name	City	State	School	College Plans
8	Kaitlyn	Martin	Baytown	TX	Robert E. Lee High School	Colorado School of Mines
7	Scott	Von Thun	Colorado Springs	CO	Coronado HS, Colorado Springs	Colorado School of Mines
18	Karen	Schmit	Clover	SC	Clover HS, Clover SC	Duke
3	Cole	Shumaker	Oxford	MI	Oxford High School, Oxford, MI	Kettering University
5	Corey	Bakker	Holland	MI	Holland High School, Holland, MI	Michigan Tech Univ
6	Bradley	Hekman	Holland	MI	Holland Christian HS, Holland, MI	Univ of Michigan
9	Colin	Harmon	Bloomfield	MI	St. Paul's Academy, Bloomfield MI	Kettering University
17	Chris	Doig	Houghton	MI	Houghton HS, Houghton MI	Michigan Tech Univ

2011 ASME Annual Meeting to Feature a Member Assembly

"ASME Strategic Initiatives in Action" is a special one-hour assembly led by ASME President Robert T. Simmons, ASME President-Elect Victoria A. Rockwell and ASME Executive Director Thomas G. Loughlin. It will highlight how ASME's strategic priorities—energy, engineering workforce development, and global impact—are being put into action through dynamic, interrelated initiatives. These include the launch of three important initiatives – the redesigned ASME.org, Engineering for Change, and the launch of a year-long set of activities related to Engineers Week 2012, which ASME is co-chairing with Battelle Memorial Institute. A portion of the program will be reserved for questions from the audience. The Member Assembly will be held on June 12 at 5:00 PM at the Intercontinental Dallas, Addison, Texas, the site of the 2011 ASME Annual Meeting. Please join us and learn more about the initiatives that are shaping the future of ASME.

Welcome to the New ASME.ORG

The new **ASME.org** is far more than a simple redesign of the ASME Web site. It's a direction for the way ASME presents itself to and engages with a wide range of audiences. The goal of the new "engineering-centric" site is to make ASME.org the online epicenter for engineering conversations. ASME.org wants to be a destination for all engineers by attracting new visitors, share perspectives, insights and news, and to participate in the Society's mission-driven activities and buy products and services. Visit the new ASME.org today and look for continued improvements in the days ahead. www.asme.org

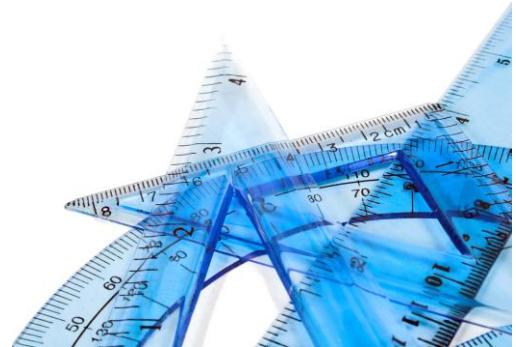


E4C – Making a Difference

Engineering for Change (E4C) aims to build a community of engineers, technologists, social scientists, non-governmental organizations and local community advocates who are passionate about improving quality of life. E4C seeks to enable this growing community to design, apply and share appropriate and sustainable technical solutions to achieve transformational results for humanitarian and global development challenges. Join the E4C community and make a difference! See www.engineeringforchange.org and register online. Registration is easy and there is no cost. Get involved in solving the world's great challenges and transforming lives.

Engineers Week 2012

In April, ASME officially began its term as sponsoring engineering organization for **Engineers Week 2012**. The Society, along with corporate sponsor Battelle, is already well into planning the various activities comprising the next EWeek, which takes place from Feb. 19-25, 2012. As the EWeek chair, ASME has begun designing the schedule for a yearlong celebration of the engineering profession. Events that traditionally make up Engineers Week include the Future City Competition, "Introduce a Girl to Engineering Day," Discover E outreach activities in K-12 schools across the United States, and Family Day in Washington D.C.



ASME Get Connected

facebook LinkedIn twitter

Connect with engineering around the globe: Meet up with ASME on Facebook, LinkedIn and Twitter:

<https://www.facebook.com/pages/ASME-American-Society-of-Mechanical-Engineers/121032319833>

http://twitter.com/#!/ASME_FutureME

<http://www.linkedin.com/groups?mostPopular=&gid=36972>

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
Secretary: Paul Stevenson e-mail: stevensonp1@asme.org	Director: John Mulvihill e-mail: mulvihillj@asme.org	Director: Bob Andrew e-mail: andrewr@asme.org	Director: Billy Adkins e-mail: billy_adkins_57@yahoo.com
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