

Local Section News

Upcoming Events at ET.

April 2, 2013 Design Concepts

A Professional Development Seminar: Engineering Design and Problem Solving

Instructor: Dr. Don W. Dareing, Professor Emeritus, University of Tennessee, Life Fellow Member, ASME

When: Tuesday, April 2, 2013, 6-8 PM

Where: Cedar Bluff Holiday Inn, Board Room

Sponsor: East Tennessee Section of ASME

Cost: \$35 which includes a copy of Dr. Dareing's 2010 text book, Engineering Design and Problem Solving

Food: Not provided, bring a bag dinner and drink.

PDHs: 2 PDH's will be provided.

How to reserve: send an email to Joe Carson, PE, Chair ET Section ASME, carsonj@asme.org by COB April 1, 2013

Local Section News

Joe Carson and Les Colvard from the ET Section attended the ASME Leadership Training Conference was February 28 to March 3 in St. Louis, MO. There were numerous sessions with useful topics ranging from chapter organization, Volunteer (not necessarily UT) Recruitment and Participation, and Event Programming to Consolidated Banking. If you would like more information, please contact Joe or Les.

You can see additional information on the LTC at <http://events.asme.org/LTC13/>

On March 20, the East Tennessee section of ASME hosted a showing of "Henry's Daughters", a video presentation on engineering ethics, produced by the National Institute of Engineering Ethics www.niee.org.

An interesting discussion was hosted by a panel which included Robert Campbell, PE, member of the Tennessee State A/E Board, Kevin Young, PE, who teaches Engineering Ethics at Tennessee Tech, and Gail Mattison, PE, former National President of Society of Women Engineers.

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TE2013

Presented by the ASME International Gas Turbine Institute

ASME Turbo Expo 2013

June 3-7, 2013

San Antonio Convention Center, San Antonio, Texas, USA

Now in its 58th year, ASME Turbo Expo is recognized as the must attend event for turbomachinery professionals. The technical conference has a well-earned reputation for bringing together the best and brightest experts from around the world to share the latest in turbine technology, research and development, and application in the following topic areas: gas turbines, steam turbines, wind turbines, fans & blowers, solar brayton & rankine cycle and supercritical CO2. Turbo Expo offers unrivalled networking opportunities with a dedicated and diverse trade show floor. The 3-day exhibition attracts the industry's leading professionals and key decision makers, whose innovation and expertise are helping to shape the future of the turbomachinery industry.

Turbo Expo 2013 highlights include:

Keynote Panelists

technology events

click here for more information

by leading companies in the industry

Alan Epstein

Vice President, Technology and Environments, Pratt & Whitney

opportunities, including receptions and daily lunches

Stu Jeffries

Facilities Engineering Manager, ExxonMobil Production Co

Vinod Philip

Engineering Head, Siemens Gas Turbines

A five-day Technical Conference that sets the world standard for turbine

A three-day, premium exhibition of turbine products and services supported

A dynamic keynote session featuring prominent industry leaders

A value-packed registration package that includes proceedings, access to all activities, PDH certificate of completion, and abundant networking

In-depth career development workshops providing fundamental study and efficient techniques

Why You Should Go to San Antonio:

Global Networking

Leading R&D

Esteemed Industry Experts

Targeted Leads

Focused Training

High ROI

Cutting-Edge Technology

Essential Career Development

Practical Application

For more information, see

<http://www.asmeconferences.org/TE2013/>.



ASME Mentoring Program

Get valuable career advice from a mechanical engineering professional!

The **ASME Mentoring Program** is designed to provide rewarding experiences that both mentor and mentee can learn and grow from. This is a unique opportunity for you to get career-guiding advice from an engineering professional with broader experience or more advanced skills. Benefit and learn from their real-life expertise, while sharing your own valuable insight and perspective!

Participating in the program is easy with our Web-based platform, made available through a partnership with WisdomShare™. Our targeted matching system will pair you with someone who can provide anything from general advice and a fresh point-of-view, to help identifying the right training or niche in mechanical engineering, or even assistance with finding a non-traditional career path.

The valuable insight you can gain by participating in the **ASME Mentoring Program** can have a positive impact on your career for years to come!

If you are ready for a most rewarding experience, please go to: <http://go.asme.org/mentoring> to become an **ASME Mentor or Mentee**.

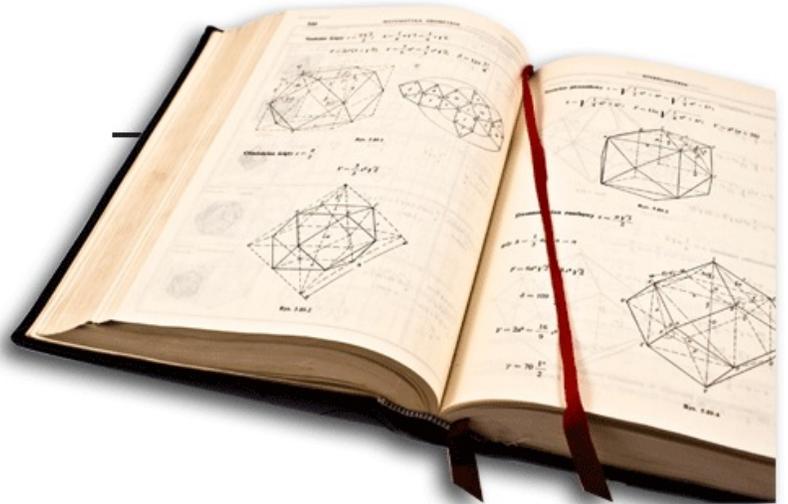
Deadline Extended - DiscoverE Educator Recognition Awards

Deadline Extended to March 29, 2013.

Due to technical issues with the nomination form in the writeable pdf format, the deadline has been extended. Linked below is a new Microsoft Word version of the application..

The DiscoverE Educator Awards shine a spotlight on the educators who are inspiring tomorrow's innovation generation. By honoring the teachers who are hard at work in 6 to 12th grade classrooms (here in the US and abroad), the engineering profession wants to show its appreciation and respect for the educators who are helping students discover engineering. Unique to this program, engineers and engineering students are part of the nomination process. A new application and additional program information is available at

<http://www.eweek.org/NewsStory.aspx?ContentID=300>. Applications are due on March 29, 2013. Send completed applications to info@eweek.org.



HPVC 2013

Details regarding the 2013 events are continuously updated as information becomes available and confirmed. For registration details and instructions please visit the event page you plan to attend.

[HPVC Latin America](#)

Universidad Simon Bolivar
Caracas, Venezuela
February 22-24, 2013

[Registration for this event](#)

[HPVC East](#)

Ferris State University
Big Rapids, MI
April 26-28, 2013

[Registration for this event](#)

[HPVC West](#)

NASA Ames Research Center
Moffett Field, California
April 12-14, 2013
Registration coming soon



OVERVIEW

Human-powered transport is often the only type available in underdeveloped or inaccessible parts of the world, and if well designed, can be an increasingly viable form of sustainable transportation.

ASME's international Human Powered Vehicle Challenge (HPVC) provides an opportunity for students to demonstrate the application of sound engineering design principles in the development of sustainable and practical transportation alternatives. In the HPVC, students work in teams to design and build efficient, highly engineered vehicles for everyday use—from commuting to work, to carrying goods to market.

ELIGIBILITY & REQUIREMENTS

All participants must be current student members of ASME and enrolled as full-time students in an engineering program of study. Any student who was enrolled in an engineering program during the previous semester or quarter, but graduated no earlier than six months prior to the competition date, is eligible to participate.

The first stage of the competition involves the preparation of a comprehensive design report. The second part includes a demonstration of a technical innovation included in the design, a speed event (either 100 meter flying start time trial or head-to-head drag race) and a 2.5 hour endurance race held over the course of a weekend. Guidelines and more detailed requirements (including safety measures and tests) can be found in the full competition rules.

For more information, see

[http://www.asme.org/events/competitions/human-powered-vehicle-challenge-\(hpvc\)](http://www.asme.org/events/competitions/human-powered-vehicle-challenge-(hpvc))

Questions? Email us at hpvc@asme.org



Learn. Grow. Connect.

The [Engineering for Change Webinar Series](#) provides the opportunity to learn from and interact with creative thinkers and leaders who are developing new technologies and initiatives

that contribute to solving humanitarian engineering problems. This live, interactive, monthly series promotes emerging ideas and connects a community of passionate engineers who want to improve quality of life around the world. Attending is easy and free: register at least one hour before each webinar and you'll receive a participant link prior to the event. Can't attend? View previously recorded webinars online and on E4C's YouTube channel. Visit www.engineeringforchange-webinars.org to learn more and register for the next live event.



**EMERGING ENERGY TECHNOLOGIES:
SEE WHAT'S HAPPENING NOW.**



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ASME ENERGY FORUM

HYDROKINETICS / SOLAR / WASTE TO ENERGY / WIND / FUEL CELLS / HYDRAULIC FRACTURING

ASME Energy Forum is a new, year-long multi-media series that explores the technical aspects of a broad range of energy sources and related technologies. From solar power and hydrokinetics to fuel cell vehicles and wind farms, you'll get leading expert perspectives on how these energy sources and technologies work, the technical issues and challenges, and the economic implications for businesses.



go.asme.org/energyforum

