

## Upcoming Events

**February 21, 7 PM, on the UT campus in ETC 2.132** – Annual Ethics presentation: Intellectual Property, Dr. Steve Nichols  
*Note that this meeting is only open to ASME members. If you will need a PDH certificate for this meeting please let Theresa Jones know by February 18.*

**Thursday, March 21, 7 PM, UT Campus Room 2.132** – Hybrid Cars presentation by Dr. Philip Schmidt

**Thursday, April 17, 7 PM**  
**Location To Be Announced** – Case Study of Vibrational Analysis Presentation by Dr. Robert Badgley

**May** – Industry Presentation at M3 Design, Round Rock

### February 17-20, 2008

The 31st Annual Meeting of the Adhesion Society ([www.adhesionsociety.org](http://www.adhesionsociety.org)), is being held in at the Sheraton Austin Hotel in Austin, TX. Contact Kenneth Liechti ([kml@mail.utexas.edu](mailto:kml@mail.utexas.edu)) for more information.

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## Local Section News

### ASME Central Texas Section Calendar

Check the following link

<http://sections.asme.org/centex/bboard.html>

Click on the “Year Planning Calendar” link to access the calendar.

### Meeting Re-cap: Wind and Solar Energy presentation by Mark Kapner, Austin Electric

Mark gave an excellent presentation on wind and solar energy usage. His talk ranged from the design aspects of each technology to the amount of wind power generated in Texas (currently #1 in the United States). We had a great turnout of both members and student section members. A big thanks to Mark!

### National Engineer’s Week, February 17-23, 2008

It is important to educate our children about engineering and hopefully put some of them onto the path to pursue this profession. Please consider volunteering!

Official E-Week web site:

<http://www.eweek.org/>

**Central Texas E-Week web site (register here to volunteer):** [www.centexeweek.org](http://www.centexeweek.org)

### Contact Us!

We really need volunteers to help with the the Central Texas Section activities. If you’d like to help, please contact us:

Chair/Treasurer: Mark Stefanov, P.E.

([stefanovm@asme.org](mailto:stefanovm@asme.org))

Vice Chair: Theresa Jones ([ionest2@asme.org](mailto:ionest2@asme.org))

Newsletter Editor: Anthony Gatica, P.E.

([anthony.gatica@gmail.com](mailto:anthony.gatica@gmail.com))

Membership Developemnt: Gary Sutorius

([tomsdad@ccsi.com](mailto:tomsdad@ccsi.com))

## LTC 2008 - Moving to the Next Level of Excellence: Commitment to Purpose

“Moving to the Next Level of Excellence: Commitment to Purpose,” is the theme of the 2008 Leadership Training Conference (LTC), ASME’s Society-wide leadership event, which will be held at the Renaissance Concourse Hotel in Atlanta, Ga. from March 6-8. Aimed at providing ASME unit leaders valuable knowledge and resources and a forum to focus on critical issues important to the success of the Society, LTC 08 will provide:

- Separate tracks for first-time and experienced unit leaders
- Opportunities to develop your leadership knowledge and skills (with a special workshop devoted to recruiting and retaining members)
- An overview of the Society’s organization, activities and resources
- Information and methods to help you succeed in leading an ASME unit and/or unit activity
- An opportunity to meet with other leaders and ASME staff , and
- An *Idea Mart* Exposition featuring information and representatives of various ASME units.

The weekend event will have plenty of time for networking, and include open forums and a selection of over a dozen workshops covering fundamentals, information on “how to” easily and effectively utilize ASME’s many staff and resources, and time for dialogue and practice.

Sections are encouraged to send a team of more than one delegate, to take maximum advantage of the many offerings and partnership opportunities. ASME will fund one delegate per section, and additional delegates as funding permits. Since ASME is qualified as a charitable organization, certain expenses incurred that are not reimbursed for approved volunteer activities may be deductible for United States income tax purposes. For more information, please refer to US IRS Publication 526: Charitable Contributions.

Further LTC information, registration and hotel information are available at <http://www.asmeconferences.org/ltc08/>. Please note: there is a citywide event in Atlanta during the LTC weekend, and **room availability will be at a premium.**

See you in Atlanta!!

## ASME – ASME Auxiliary *FIRST* Clark Scholarship



THE ASME  
FOUNDATION



Are you a *FIRST* Robotics volunteer? Did you know that the ASME Foundation and the ASME Auxiliary sponsor a scholarship specifically for HS seniors who are on a *FIRST* Robotics team? If yes, this information is for you!

### About the Award

The purpose of the *FIRST* Clark Scholarship is to recognize and reward students whose *FIRST* experience has inspired the pursuit of an engineering career. In 2008, The ASME Foundation and the ASME Auxiliary will award ten (10) \$5,000 scholarships to high school seniors active on *FIRST* teams, who are nominated by ASME members, ASME Auxiliary members, or student members who are also active with *FIRST*. These awards will be for the freshman 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 *FIRST* teams
- 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.

### APPLICATION DEADLINE: MARCH 15, 2008

For more information, on this or other ASME financial aid opportunities, visit our web site at: [http://www.asme.org/Education/College/FinancialAid/Auxiliary\\_FIRST\\_Clarke.cfm](http://www.asme.org/Education/College/FinancialAid/Auxiliary_FIRST_Clarke.cfm)

## Engineers Make a World of Difference!

**Celebrate Engineers Week 2008 (Feb. 17-23)!** Check out all the cool things going on in your community by logging on to [www.eweek.org](http://www.eweek.org). Hold a "Design Squad" event--you can catch a special sneak peek episode airing online during EWeek at [www.pbskidsgo.org/designsquad](http://www.pbskidsgo.org/designsquad). Go Back to School! Volunteer to make a career day visit at a local school, check out the DiscoverE section of [www.eweek.org](http://www.eweek.org). Join the Cyberchase--construct stronger math skills with CYBERCHASE, the animated math adventure series for young students. Download tools at [www.pbskids.org/cyberchase](http://www.pbskids.org/cyberchase). Join 2008's EWeek chairs, IBM Corp. and the Chinese Institute of Engineers (CIE)-USA in honoring the achievements of engineers worldwide.

### Honoring Mechanical Engineering Achievements

ASME's History & Heritage ([www.asme.org/Communities/History/Landmarks/](http://www.asme.org/Communities/History/Landmarks/)) program is always on the lookout for new landmarks. Landmarks are those single achievements that represent significant changes in how things are done. This can be a new technology, a major improvement in an existing technology, or a significant new application of a technology. Think you've got one in your backyard? Let us know! Contact Edward Kudlis at [kudlise@asme.org](mailto:kudlise@asme.org) for more information.

### **\*\*Call for Nominations! Highly Qualified ASME Leaders Wanted\*\***

The 2008 Nominating Committee is requesting proposals for highly qualified leaders to be ASME Society Officers. Each term for office will begin in June 2009.

During the Annual Meeting in June 2008, the Nominating Committee will evaluate candidates, deliberate and nominate individuals from our Society for the following offices:

President

Board of Governors - 3 to be elected

Vice President

Education – Centers Sector

Safety Codes & Standards – Codes and Standards Sector

Conformity Assessment – Codes and Standards Sector

International Gas Turbine Institutes – Institutes Sector

Programs & Activities – Knowledge and Community Sector

Technical Communities – Knowledge and Community Sector

Government Relations – Strategic Management Sector

Terms of office for the positions above will begin in June 2009. Please evaluate individuals in your unit of ASME as possible nominees for the officer positions in your Sector. You may also wish to consider potential nominees for the offices of President and the three Board of Governor positions.

In addition, during the business meeting of the Annual Meeting in June 2008, the Voting and Alternate Members for the 2009 Nominating Committee will be elected.

The Nominating Committee is now smaller than previously, and it is crucial that each segment of the Society be represented in the selection process by a highly qualified Nominating Committee Member. Please identify members to represent your sector.

For further information please contact RuthAnn Bigley at 212.591.7650 or [bigleyr@asme.org](mailto:bigleyr@asme.org). Letters of Intent are due on or before March 15, 2008. [http://www.asme.org/Governance/Nominating/Nominating\\_Committee.cfm](http://www.asme.org/Governance/Nominating/Nominating_Committee.cfm)

## Join us for the 2<sup>nd</sup> Annual European Bioprocess Technology Seminars and Exhibition in Stockholm!

Plan to attend the 2<sup>nd</sup> Annual European Bioprocess Technology Seminars and Exhibition from June 23-25, 2008 in Stockholm, Sweden! Featuring 6 cutting edge seminars, this conference will provide in-depth coverage of timely industry topics such as bioreactor design, purification process development, aseptic fill and finish, equipment design, disposables technology and systems maintenance and operations.

Each seminar is lead by a panel of industry experts who will discuss the latest advances, case studies and best practices. The expert panel will include representatives from Amgen, Biogen, GE Healthcare Life Sciences, CRB, ABEC, LifeTek Solutions, Baxter, Fluor Corp, Merck and many more.

The conference will also include a keynote, tabletop exhibits, plant tours and opportunities for networking!

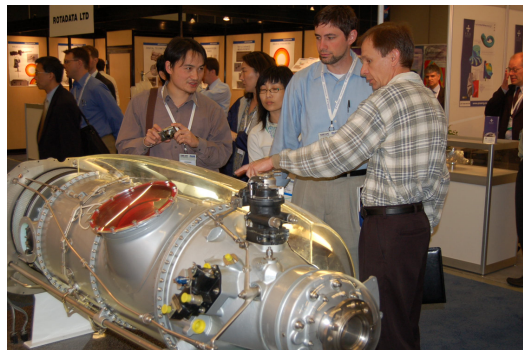
Sponsorships are also available. For more information on the European Bioprocess Technology Seminars, visit [www.asmeconferences.org/bioprocessEurope08](http://www.asmeconferences.org/bioprocessEurope08) or contact Jennifer Delda, program manager at 212-591-7108 or [deldaj@asme.org](mailto:deldaj@asme.org)

### **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](http://www.asmeconferences.org/annualmeeting08).

## **TURBO EXPO 2008 – BERLIN**



Plan now to participate in ASME Turbo Expo 2008, to be held June 9-13, at the Estrel Berlin Hotel & Convention Center in Berlin, Germany. ASME TURBO EXPO brings together the best and the brightest in the worldwide gas turbine community to present the newest developments and discuss global issues affecting the industry. The conference will feature an expanded 5-day Technical Congress with sessions, tutorials and panel discussions, and a 3-day exposition showcasing the products and services of engine manufacturers, software developers, research laboratories, and other firms in the worldwide power industry. Presented by the ASME International Gas Turbine Institute, Turbo Expo will include a keynote session with industry leaders and several facility tours of companies located in the Berlin area. Online registration for Turbo Expo 2008 is now open. For more details, visit the Web site at <http://asmeconferences.org/TE08/index.cfm>, or call 800-843-2763.

### **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](mailto:stenosm@asme.org) for more information.

## ASME ACCEPTING APPLICATIONS FOR 2008-09 FEDERAL GOVERNMENT FELLOWSHIPS

ASME is currently accepting applications for the following Federal Government Fellowship positions:

### Congressional Fellowships

ASME is accepting applications from qualified candidates interested in serving as a 2008-09 Congressional Fellow. The Federal Fellows program enables selected ASME members to spend one year in Washington, D.C. working with the staff of a congressional committee, U.S. senator or U.S. Representative. Federal Government Fellowships provide a valuable public service to the nation while providing engineers with a unique opportunity to participate directly in the policy making process. Congressional Fellows may serve from September 2008 through August 2009 - or January 2009 through December 2009 - at their option. The deadline to submit an application for the Congressional Fellowship is April 1, 2008.

### Department of Commerce Fellowship

ASME is also accepting applications from qualified candidates interested in serving a year at the U.S. Department of Commerce in the Manufacturing and Services (MAS) Office of Standards Liaison (OSL). The Fellow will work with U.S. stakeholders involved in the standardization process, including individual companies, industry associations, standards developing organizations, and the American National Standards Institute on trade-related standards issues affecting U.S. competitiveness, innovation and growth. OSL works on issues involving all sectors and in all overseas markets, although there is a greater focus on emerging and technology-related sectors and critical markets such as Europe and China. Applicants for this position must have strong technical, interpersonal, organizational, and oral and written communication skills, as well as substantive knowledge or experience in an industry sector and the standardization process. The start date for the DOC fellowship is flexible.

A stipend of \$55,000 will be awarded to each Fellow for the year. All Fellowship applicants must be a U.S. citizen and an ASME member at the time of application. The following credentials are encouraged: At least five years of professional experience, an advanced engineering degree, professional engineer registration, and some public policy experience. An online application is available at <https://secure.asme.org/fedgovfellows/appform.cfm>

For additional information about the Federal Fellows program, visit [http://www.asme.org/NewsPublicPolicy/GovRelations/Programs/Federal\\_Government.cfm](http://www.asme.org/NewsPublicPolicy/GovRelations/Programs/Federal_Government.cfm) or contact Kathryn Holmes, director, ASME Government Relations, at [holmesk@asme.org](mailto:holmesk@asme.org) or 202/785-7390.

## **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.

## **The ASME Volunteer Opportunities Bulletin Board**

(VOBB) is a tool designed to help volunteer leaders promote local Section and Society-wide volunteer positions. It is also used to help link volunteers with opportunities for involvement in all areas of the society. Opportunities for involvement include standards development, pre-college outreach and educational activities, government relations, and the development of new products, programs and more.

Volunteer leaders are encouraged to use the VOBB as a recruitment tool. If your ASME group is looking for a few good volunteers to share their passion and make meaningful contributions, contact Deidra Hackley at [hackleyd@asme.org](mailto:hackleyd@asme.org) or visit [http://volunteer.asme.org/vobb/Post\\_Volunteer\\_Opportunity.cfm](http://volunteer.asme.org/vobb/Post_Volunteer_Opportunity.cfm). For more information on posting or applying for a position on the VOBB visit <http://volunteer.asme.org/> or e-mail [bookert@asme.org](mailto:bookert@asme.org).

## Editorial

### Getting Kids Excited About Science and Technology

February is when I like to remind ASME members about the importance of reaching out to the next generation of engineers and scientists. National Engineer's Week is from February 17-23 so it makes sense to include that event in this discussion. I volunteered at a school last year after a long hiatus away from it. It was a great feeling seeing those kids really interested in what engineers do. It was also good to see that the team made up of all girls was the one to win the design contest in the classroom. I hope that the classroom visit and winning the contest sticks with them as they advance through school.

While E-Week is a big event for engineers to volunteer, it's certainly not the only one. Here are some other ways to inspire kids:

- **Design Squad on PBS Kids** (<http://pbskids.org/designsquad/>) – The web site states that this is the only engineering show on television for kids. While the actual episodes are filmed in the Boston area, there are tutorials for how to start up a Design Squad effort in your city.
- **FIRST (For Inspiration and Recognition of Science and Technology)** <http://www.usfirst.org> - FIRST was founded in 1989 by Dean Kaman to inspire young people's interest and participation in science and technology. They host robotics and technology competitions for kids of all ages. The Central Texas First Lego League web site is <http://ras.ece.utexas.edu/new/first/index.php>

Our world is constantly becoming more technical and the problems we face will require more creative solutions. Let's give our kids the inspiration they need to rise to the challenge!

*Tony Gatica - Editor*

## News from the Chair

After missing last month in this space, I am glad to be back. Last month's meeting on alternate energy was awesome. It was held in a different location, so I am not sure as to whether the location or the subject brought so many attendees. I was happy to need to keep gathering chairs after the start of the meeting. Assuming it was the subject matter, and since it will definitely change, we have asked Mark Kapner to make a similar presentation about the same time next year.

My thanks to the Central Texas volunteers, who are making a difference for our mission. The schedule of events to allow local members to personally interact and network has presentations competing for calendar space. This small core of volunteers is making things happen. Thanks again.

*Mark Stefanov, Chair*

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