



UV Subsection Tours Green Gallery

The ASME Upper Valley Subsection and the ASM-Northern New England Section co-sponsored a tour of the recently-renovated AVA Gallery and Art Center in Lebanon, NH on May 15th. Project architect C. Stuart White and engineer Bill Root were on hand to show off the building and discuss their work in converting the old structure into a "green" building. A tasty post-tour dinner followed at Jesse's Restaurant in Hanover, NH. Special thanks to Michael Weins for organizing this event!

Executive Committee for 2007-2008:

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ASME UV Subsection Website:

<http://sections.asme.org/uppervalley/>



Subsection Sponsors Students' Solar Sprint

On May 29, 2008, several ASME Upper Valley professional and student members convened at the Lebanon CCBA to help run the Upper Valley Regional Junior Solar Sprint. Over 120 middle school students from as far away as Weathersfield formed teams of two or three racers, competing for a chance to advance to the New England championships in Springfield, MA.

A total of 51 teams raced solar powered cars that were constructed using a few prescribed parts such as the motor and the solar panel, and many more parts of their own selection. Some participants even took "green racing" to the next level by using recycled materials for these components. Notably, one car chassis was an old shoe.

It was a warm sunny day and the racers had plenty of energy to harness. The final event comprised representatives from each participating school, and it was exciting to watch 12 very fast cars speeding toward the finish line. In the end, the ASME travelling trophy was awarded to the top team, formed this year by a pair of students from Crossroads Academy. Congratulations to them and to the group of Dartmouth students who organized such a fun event. Thank you to all of our volunteers, and we look forward to next year's races!

★ **ATTENTION! You matter to us! Please see last page!** ★

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.

ASME PeerLinkSM Expands Networking and Collaboration Opportunities for Engineers

Responding to the growing need of engineers and other technical professionals to connect and exchange information, ASME has launched its new communities of practice ASME PeerLink.

ASME PeerLink now offers new features designed to enhance your experience connecting, collaborating and networking with your peers. ASME PeerLink helps broaden communication capabilities through blogging, interactive whiteboards, document collaboration and real time chat.

To learn more and register, go to <http://peerlink.asme.org>.



Teams Announced for 2008 ASME I•Show

Applications jumped a whopping 40% from student teams eager to compete in the second annual ASME Innovation Showcase (I•Show), scheduled for Oct. 31st in conjunction with the International Mechanical Engineering Congress & Exposition in Boston, MA.

After reviewing thirty-two submissions, a judging panel selected the top ten collegiate teams to move forward and compete in the 2008 ASME I•Show. Striving to produce the next “big idea,” these students have developed technologies and innovations with enthusiasm and commitment. They’re eagerly ready for the next step: product assessment and commercialization.

At the ASME I•Show on Oct. 31, the following teams will “pitch” their product to a judging panel of industry experts, media, successful entrepreneurs, and Intellectual Property specialists to gain industry recognition and access to over \$20K in seed funds.

Baylor University – *Converting Coconuts Into Value Added Products*

Johns Hopkins University – *Head Impulse Test Device*

Johns Hopkins University – *SurgyPack*

Massachusetts Institute of Technology – *Robopsy: Inexpensive Medical Robotics*

Pennsylvania State University – *Mashavu*

Rensselaer Polytechnic Institute – *Automated Landmine Removal*

University of California, Berkeley – *Advanced Affordable Solar Water Heater*

University of California, Berkeley – *Berkeley Electro-Coagulation Arsenic Remediation (BEAR)*

University of California, San Francisco – *Titan Medical*

Virginia Military Institute – *The Extremely Low Frequency Seismic Detector*

Go to www.asme.org/events/ishow for team details and further information on the ASME I•Show.

Join us for the 2nd Annual European Bioprocess Technology Seminars and Exhibition!

Plan to attend the 2nd 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.

For more information on the European Bioprocess Technology Seminars, visit www.asmeconferences.org/bioprocessEurope08 or contact Jennifer Delda, program manager at 212-591-7108 or deldaj@asme.org

Become A Mentor Today! Ementoring Opportunities for Early Career Engineers.

Mentors are a great way to gain knowledge and learn from the experiences of experts in your field. ASME offers an e-mentoring service right at your fingers!

To learn more and sign up for mentors, log onto http://www.asme.org/jobs/mentoring/Ementoring_Early_Career.cfm or contact Noel Netel at neteln@asme.org

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.

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 for more information.

Expand Your Horizons Volunteer with ASME Using the Volunteer Opportunities Bulletin Board (VOBB)

Have you thought about volunteering at ASME, but don't know where to start? Try the VOBB. If you are an experienced ASME volunteer and would like to find a new project, the VOBB is the place for you. As a tool designed to help volunteer leaders promote local Section and Society-wide positions, it opens the door to new opportunities. The opportunities for involvement include pre-college and educational activities, standards development, government relations, honors and awards selection, the development of new programs and more.

To learn more about the VOBB and the volunteer positions available, go to <http://volunteer.asme.org/vobb/>.

Upper Valley Subsection Survey

We've put together very simple and, most importantly, very short survey about the **Professional Engineer** license. And who doesn't like to take a survey? I'll wait for the groaning to stop... Seriously, we are wondering how much interest there is in having the Subsection sponsor a presentation/discussion/Q&A session about getting the PE license. Many members seem to have questions about how to get the license, what is required to keep the license, and whether the license is really worth getting. So, we're asking you to take a minute or two and answer two simple questions for us:

1. Are you a certified Professional Engineer (P.E.)?
2. Would you be interested in learning more about becoming a certified Professional Engineer?

And to make it easier for everyone, we're using SurveyMonkey to do this. Simply get on the internet and go to:

http://www.surveymonkey.com/s.aspx?sm=nrr6FiHpRkPVGOLyw3IH6Q_3d_3d

There is also a place to submit your name and email address, which we would greatly appreciate, but it is not necessary that you do this.

If enough people are interested, then we'll work on putting together something for the Fall.

If you have any questions, please contact either Steve Marra or Roopesh Mathur (see contact info on first page of this newsletter).

Thanks!

