



**ENGINEERS
WEEK' 2008**
February 17-23

Hampton Roads Bulletin

2008 EWeek Activities



National Engineers Week, or more commonly E-week, is fast approaching. The 56th annual celebration of National Engineers Week will be observed February 17-23, 2008. The Co-chairs for Engineers Week 2008 are the Chinese Institute of Engineers (CIE) and IBM Corporation. More information on E-week may be found at www.eweek.org.

1. January 19, Future City Competition, Hampton University
2. February 9, **MATHCOUNTS** Peninsula
3. February 15, [Engineers' Week Open House](#) Old Dominion University
4. February 16, [Engineers' Week Open House Competitions](#) Old Dominion University
5. February 16, **MATHCOUNTS** Tidewater
6. February 20, Introduce a Girl to Engineering Day
7. February 20 and 21, NASA Career Days, NASA Langley Research Center Reed
8. February 22, ECHR Engineering Excellence Banquet
9. February 23, Peninsula Engineers Council 2008 Engineer of the Year Banquet
10. March 15, ASME/AIAA Egg-Drop 2008

The paragraphs below describe some of the events and provide contact information where known. Update distributions will be forthcoming as the information becomes available.

Future City Competition

The **2008 National Engineers Week Future City Competition** is here!! **The Engineers Club of Hampton Roads** is proud to be sponsoring the competition again this year. The Future City Competition challenges teams of seventh and eighth grade students, working with a volunteer Engineer mentor, to design a city of the future using SimCity software (provided by Maxis). The students then build a scale model of their city, write an essay about an assigned engineering related topic, and make an oral presentation of their project to a panel of judges.



The Future City Competition is an exciting program for the public and private middle schools of Hampton Roads, and it promotes engineering, architecture, and planning as a career path for our children. In addition, it can also be used to enhance several SOL areas. The final regional competition will be held on January 19, 2008, at the Hampton University (more details on specific building, etc. to follow) from 8 a.m. to 5 p.m. The winner will have a chance to go on to the National competition, to be held in Washington D.C. **We hope you will consider sponsoring this event.** As an event sponsor, your company will be associated with an exciting educational event that is a win-win situation. Sponsors will receive good public relations exposure and are able to positively impact the students involved. This year we are offering the opportunity to sponsor a special award. For a donation or "in-kind" services of a value of \$500 or greater, a special award will be presented in your honor. **Your special award will be tailored to your company – concerning a topic of your choosing, or we can suggest a topic, if desired.** At your option, you can provide judges at the competition to judge and present your award; or, if preferred, we can present the award in your organization's name. In addition to monetary contributions, your firm may also contribute time and education by participating as an **Engineer Mentor** for one of the local schools. We would appreciate any level of sponsorship and are hopeful your company can participate! If you have any questions please do not hesitate to contact Selena Griffett at sgriffett@hampton.gov or (757) 728-2038.

Selena Griffett is looking for volunteer judges for the Future City Competition - Hampton Roads Region. Judges must be planners, engineers, or architects. All judging/scoring materials will be provided as will refreshments and lunch. You can learn more about this program at www.futurecity.org. Please contact Selena

(sgriffett@hampton.gov) if you or anyone on your staff who might be interested, or if you know someone who might be interested in being a judge!

MATHCOUNTS

MATHCOUNTS is a national competition so challenging, so exciting and so rewarding that the competitors are called **MATHLETES!** It is an NSPE co-sponsored national math



coaching and competition program for middle school students. The [Virginia Society of Professional Engineers](#) coordinates the Virginia competitions. The Society has over 1700 members throughout the state with many members supporting the **MATHCOUNTS** program through contributions and their time. Starting in the fall, at the beginning of every school year, educators, former MATHLETES, and hundreds of volunteers work together to coach future **MATHCOUNTS** competitors. All coaches are provided with a free **MATHCOUNTS** school handbook and work with students in the 6th, 7th and 8th grades for months before finally choosing who will participate in one of 10 chapter/regional competitions. Students compete either as part of a school team of four or as individuals. The first placed team, plus the top three scoring individuals from each chapter/regional competition, then goes on to the state competition, where the four highest scoring individuals are chosen to travel to the national competition. The coach of the winning state team is also chosen as the coach of the National Virginia State Team and will travel with them to the national competition.

The Virginia Society of Professional Engineers will host the 2008 **MATHCOUNTS** Competition for the Peninsula and Southside. The VSPE Peninsula Region competition will be held on February 9, 2008 starting at 8:00 a.m. at the Reid Conference Center, NASA Langley. Volunteers are needed to score exams and monitor the testing room. Please contact Dr. Arun Verma, Peninsula Regional **MATHCOUNTS** Coordinator, at 757-728-6983 [arun.verma@hamptonu.edu].

The Southside Competition, VSPE Tidewater Chapter, will be held on February 16, 2008 starting at 8:00 a.m. at Norfolk State University (Technology Center). Volunteers are needed to score exams and monitor the testing room. Please contact Dr. Dipendra Sengupta, Tidewater Chapter MATHCOUNTS Coordinator, at 252-335-3309 [dcsengupta@mail.ecsu.edu].

Engineers' Day – 2008 ASME Egg Drop Design Contest

The Eastern Virginia Section of ASME and American Institute of Aeronautics and Astronautics will sponsor an Egg Drop Design Contest on March 15, 2008, to honor National Engineers Week. The event will be held at the Nauticus in Norfolk. Registration begins at 10:30 a.m.



The objective of the contest is to design the lightest container possible that will prevent a fresh egg from being cracked or broken when dropped from about 20 feet and 40 feet. Eggs will be supplied for all events. Visit the local ASME website at <http://sections.asme.org/easternva/> or AIAA website at <http://www.seva.net/~aiaa> for contest rules and a schedule of age group times, or for more information contact Mike Bevins at bevinsm@asme.org.

NASA Career Days

NASA Career days is an annual event where high school students meet engineers and scientist from various companies and professional societies. Sponsored by NASA Langley Research Center, the event will be held on February 20 and 21 at NASA's H. J. E. Reed Conference Center from 9:30 AM to noon each day. About 100 students are expected to attend. For more information contact Dollie McCown at 757-864-3561 or e-mail: d.m.mccown@larc.nasa.gov.

Old Dominion University Frank Batten College of Engineering and Technology & WOMENGINEERS Present Engineers' Week Open House

Old Dominion University will celebrate National Engineers' Week by holding its Annual Engineering Open House and Student Competition on February 15 and 16, 2008 (tentative).



On Friday, February 15, our engineering and technology departments will provide displays of a wide variety of technologies intended for high school students. Come and experience guided tours through our

teaching and research laboratories where we will conduct exercises and experiments. There will be three starting times: 9:00am, 9:30am, and 10:00am. If you are bringing a group of students, please pre-register your group. To do so, download the Open House Registration Form [here](#). This will ensure that when you arrive we will have a sufficient number of tour guides available.

On Saturday, February 16, students may chose to participate in our Design Contests and Engineering Activities which are open to both Middle and High School Students. Events are scheduled so that a student may choose to participate in any and all. The design contests will test student's inventiveness, skills, and creativity. Monetary awards will be given to all winners.

The **WOMENGINEERS** program will take place on February 16 from 8:30 a.m. to 1:30 p.m.. The program is focused on encouraging young girls to consider careers in engineering, science, and math. There will be hands-on activities for the girls and a panel discussion. This year's luncheon speaker is Roberta Gleiter, CEO of Global Institute for Technology & Engineering, Project Engineer/Technical Manager at The Aerospace Corporation, and 1999 President of the Society of Women Engineers.

For more information (including contest rules) and registration forms visit <http://www.eng.odu.edu/eng/openhouse/2008/> or call 683-6363.

For questions regarding Friday, Feb. 15th, call Bev Forbes at 683-5341 or e-mail: bforbes@odu.edu. For questions regarding Saturday, Feb 16th, call Karen Kendall at 683-4244 or krkendal@odu.edu.

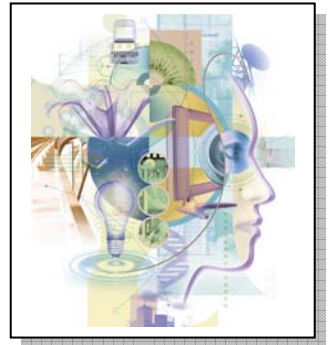
Introduce a Girl to Engineering Day

The "Introduce a Girl to Engineering Day" is February 21, 2008.

Major sponsors provided by Agilent Technologies, Inc. and the S.D. Bechtel, Jr. Foundation. Additional funding provided by Motorola Foundation.

"Introduce a Girl to Engineering Day" is an outgrowth of the first [National Engineers Week Diversity Summit](#), held in October 1999.

For more information on the 'Introduce a Girl to Engineering Day visit the EWeek website at <http://eweek.org/site/News/Eweek/girlsday.shtml>.

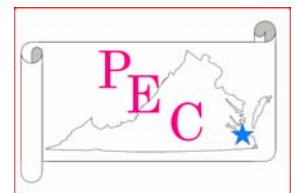


Banquets

On the southside of Hampton Roads, the Engineers Club of Hampton Roads (ECHR) will host their 2008 Engineering Excellence Banquet on February 22, 2008. This annual event celebrates the achievements of Hampton Roads Engineers. It is the culmination of National Engineer's Week activities in the Hampton Roads area. All engineers are encouraged to attend regardless of discipline or membership. Come and enjoy the fellowship and camaraderie as they honor the outstanding engineers in our community. This years Engineering Excellence Banquet will be held at the Town Point Club in Norfolk. For tickets and information contact Rhonda Aftel at raftel@clarknexsen.com or (757) 455-5800.



On the peninsula, the Peninsula Engineers Council Engineer of the Year banquet will be held at the Point Plaza Suites at 950 J. Clyde Morris Boulevard in Newport News on February 23, 2008. Kevin O. Topp [INCOSE] was been selected as the PEC 2008 Engineer of the Year. Contact your society's Peninsula Engineering Council representative for tickets and information.



Contact me if you have information on upcoming EWeek related activities. Information for the event should include description or title, date, sponsor(s), and contact. The announcement can include expanded information such as historical references about the event, elaboration on each sponsoring group, website, etc.

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