

Events

- **Oregon Computer Science Teachers Association Spring Conference 2008** Saturday, March 8, 2008 - The Oregon Computer Science Teacher Association's annual spring conference is being held alongside the Willamette / TechStart Programming Contest for High School students at Willamette University in Salem. Bruce Schafer is the keynote speaker. If your registration is received on or before March 3rd - you may register for free. After March 3rd, a registration fee of \$10 will be applied.
 - 2008 OCSTA Workshop Descriptions - http://www1.sao.org/files/PDF/foundation/CSTA/Workshops_2008_Spring_Conference.pdf
 - 2008 OCSTA Conference Registration Form - http://www1.sao.org/files/PDF/foundation/CSTA/Registration_Form_2008_Spring_Conference.pdf
 - 2008 Willamette/TechStart High School Programming Contest Flyer - <http://www1.sao.org/files/PDF/foundation/CSTA/Flyer08.pdf>
 - 2008 Willamette/TechStart High School Programming Contest Description - <http://www1.sao.org/files/PDF/foundation/CSTA/Description08.pdf>
- **The Big Kids play with Robots – want to show your FLL-er that there is life after LEGO Robotics?** Free and Open to the Public – get more info and maps at <http://www.ortop.org/>
 - Quad Quandary – FIRST TECH Challenge Oregon State Championship, March 2, 2008 – Glencoe High School, Hillsboro: these are the erector-set like robot kits which allied teams use to compete in a 12 x 12 foot arena with autonomous and remote-control periods.
 - FIRST Overdrive – FIRST Robotics Competition Oregon Regional Competition, February 28 – March 1, 2008, Memorial Coliseum, Portland: these are the big robots supported by the big teams with marketing, technical support, design, and engineering functions.

Weblinks

- Web Resources for students, parents, teachers, counselors and volunteer engineers going to the classroom:
 - Institute of Electrical and Electronics Engineers (IEEE) national - local
 - Tryengineering.org - careers info & activities - <http://www.tryengineering.org/home.php>
 - American Society for Engineering Education (ASEE) website
 - Engineering K12 Welcome Students - <http://www.engineeringk12.org/>
 - National Academy of Engineering websites
 - Engineer Girl Website - Middle School Girls - <http://www.engineergirl.org/>
 - Engineer Your Life - High School Girls - <http://www.engineeryourlife.org/>
 - Greatest Engineering Achievements - 20th century - <http://www.greatachievements.org/>
 - Junior Engineering Technical Society (JETS) website - <http://www.jets.org/>
- An interesting new launch from the Johns Hopkins University Center for Talented Youth, tagged “Connecting Young Thinkers Around the World” -- <http://www.cogito.org/>.

Funding

A service of the Oregon Pre-Engineering & Applied Sciences Initiative (OPAS)

To subscribe or get more info, please contact Jo Oshiro - jo_oshiro@ous.edu or 503.725.2910

- The **National Science Foundation Informal Science Education (ISE)** program invests in projects that develop and implement informal learning experiences designed to increase interest, engagement, and understanding of science, technology, engineering, and mathematics (STEM) by individuals of all ages and backgrounds, as well as projects that advance knowledge and practice of informal science education. Projects may target either public audiences or professionals whose work directly affects informal STEM learning. ISE projects are expected to demonstrate strategic impact, innovation, and collaboration. – ISE includes grants for planning, projects, and conferences/workshops/symposia with flexible deadlines. http://www.nsf.gov/pubs/2008/nsf08547/nsf08547.htm?govDel=USNSF_25

Articles

- Teacher Learning Network, February 28, 2008: Mary Tedrow asks -- does charitable giving undermine social justice in public education?
http://www.teachermagazine.org/tm/articles/2008/02/26/22tln_tedrow_web.h19.html?print=1
- The Oregon Science Teacher, January 2008: Thinking Globally in Oregon, by Tim Brower - http://opas.ous.edu/Committees/Resources/Articles/Brower_Thinking_Globally_in_Oregon_2008.pdf
- The Oregonian, Metro West Section, February 28, 2008 – The Brainy Bunch, first all-girls team to win the Oregon Robotics and Tournament Outreach Program (ORTOP) Intel Oregon FIRST LEGO League Championship Tournament prepare for international competition (we hear the photos are great, if you can get your hands on a physical paper) - http://www.oregonlive.com/metrowest/oregonian/index.ssf?/base/metro_west_news/1203801900105840.xml&coll=7&thispage=1