



STEM Connections
A Newsletter for Technology and Engineering Education Professionals

Calendar

September 2009



ITEA Charlotte

North Carolina • March 18-20, 2010

ITEA's 72nd Annual Conference,

Green Technology: STEM Solutions for 21st Century Citizens,

will be held in Charlotte, NC. This conference will feature a series of presentations about the use of design and technology to make a better society by using best practices to deliver education with an eye on 21st Century learning skills as a basis for our future citizens. Presentations will address one or more of the following three strands: (1) Designing the Green Environment, (2) Describing Best Practices Through Teaching and Learning STEM, and (3) Developing 21st Century Skills. What better way to address these issues than through Science, Technology, Engineering, and Mathematics (STEM) education.

March 18-20, 2010

Generating
Resources
Engineering
Education
Now

www.iteaconnect.org/Conference/conferenceguide.htm

September 30-October 2, 2009 A three-day **International Event on Greening Education** will be held in the "green" city of Karlsruhe, Germany. This event will take education and environmental policy makers, government and nongovernmental organisations, education institutions, teachers, international agencies and environmental professionals through the need for greening education and then discuss effective initiatives that governments, education institutions, and development organisations need to take and can take to provide sustainable knowledge, skills, values, and practices in the classrooms and in the communities. For further information, please see the event details at www.etechgermany.com/GreeningEducationEvent.pdf.

October 1-3, 2009 The **2009 Southeastern Technology Education Conference (STEC)** will be held at the Millennium Maxwell House Hotel in Nashville, TN. This will be a joint conference with the Mississippi Valley Technology Teacher Education Conference. Registration information can be obtained from Hal Harrison at Clemson University: hlh@clemsun.edu.

Oct. 4-10, 2009 Join educators and space enthusiasts around the world to celebrate **World Space Week** This international event commemorates the beginning of the Space Age with the launch of Sputnik 1 on Oct. 4, 1957. During World Space Week, teachers are encouraged to use space-themed activities in the classroom to promote student interest in science, technology, engineering, and mathematics. Also this year, \$500 teacher grants will be awarded for the most creative use of space in the classroom during World Space Week. World Space Week is the largest public space event in the world, with celebrations in more than 50 nations. To learn more about World Space Week, search for events in your area, and find educational materials related to the event, visit www.worldspaceweek.org/index.html.

October 6-8 2009 Don't miss **TENZ 2009**. TENZ's seventh biennial conference will offer a first-class professional development opportunity to all those interested in technology education. The conference will be held in Napier, where the stunning War Memorial Conference Centre is the venue for many of the conference events. The programme will include a broad range of activities for primary, secondary, and tertiary educators. Registration and accommodation information is available at www.tenz.org.nz, or email tenz2009@ipenz.org.nz.





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October 16, 2009 The **Technology Education Association of Maryland** will present its **Fall Conference** for technology teachers and other professionals. This year's conference will include presentations on STEM, integrating Technology Education into elementary classes, middle school CATTs courses, PLTW, and more. TEAM has complete conference resources online at www.techedmd.org. This year's conference location is minutes west of downtown Baltimore at Marriott's Ridge High School, 12100 Woodford Drive, Marriottsville, MD. Contact **Christopher Putnam**, Conference Chair, at cputnam@bcps.org for details.

October 16, 2009 The **Massachusetts Technology Education/Engineering Collaboration (MasSTEC)** will hold its **Tenth Annual Conference, *From Manual Arts to Technology Education/Engineering: 100 Years of PROGRESS***, at Fitchburg State College. The main speaker will be Nate Ball, the host of the PBS TV show *Design Squad*. For additional conference information please go to www.masstec.org/conference.html.

October 30, 2009 Save the Date – **The Learning Institute for Technology Education (LITE)** will hold its **annual conference** at Eastern Michigan University from 4:00-7:00 pm. There will be a Round-Robin showcase from 4:00-6:00 and a keynote speaker from 6:00-7:00. Showcase participants include Skyline High School, Saline High School, Lincoln High School and Middle School, Oakland County Stem Initiative, PLYW, University connections, and more. The preregistration cost is \$25; \$30 day of. The first forty registrants receive a free food coupon. Students are admitted free (no food coupon provided). For more information contact LITE at: litesource@me.com or visit <http://litesource.org/>.

October 31-November 2, 2009 The **78th Annual Conference of the Engineering/Technology Educators of Indiana, *Heart of STEM Education***, will be held at the Embassy Suites North, 3912 Vincennes Road, Indianapolis, Indiana. Check this site for information and registration: www.doe.in.gov/octe/technologyed/pdf/2009_ETEI_Preliminary_Conference_Guide.pdf.

November 5-7, 2009 The **Technology Education Association of Pennsylvania (TEAP)** will have its **57th annual conference** at the Radisson-Penn Harris Hotel and Conference Center in Camp Hill, PA. Current members of state technology education associations outside of Pennsylvania are invited to attend without joining TEAP (registration costs apply). ***Technology: The Core Discipline*** is the conference theme. See the TEAP website for more details: www.teap-online.org/.

November 6, 2009 The **New England Association of Technology Teachers (NEATT)** will hold its annual conference at Fitchburg State College. Stay tuned to <http://neatt2.googlepages.com/index.htm#About%20Us> for full details.

November 11-13, 2009 **ICTE 2009 (International Conference on Technology Education in the Asia-Pacific Region)** will hold its fall conference, ***Less is More: Searching Solutions to Facilitate Technology Education With Limited Resources***, in Taipei, Taiwan. ICTE is a biennial conference in which the most representative technology associations/societies in seven countries in the Asia-Pacific Rim participate. **William E. Dugger, DTE, ITEA Senior Fellow, will be ITEA's Representative at the ICTE conference. He will deliver an address on the State of Technology Education in the United States.** The conference website is www.ite.ntnu.edu.tw/~icte2009/. Or email **Dr. Chi-Cheng Chang** at samchang@ntnu.edu.tw for additional information.

November 13-14, 2009 The **Technology Education Association of Illinois** will host the 16th annual Illinois Technology Education Conference in Peoria, IL at the Peoria Holiday Inn City Centre. Conference sessions will focus on Manufacturing, STEM, Transportation, and Integrated Technologies. Registration, updates on the sessions, tour and keynote speaker information can be found at www.teaillinois.org/ITEC.





February 14-20, 2010 ITEA will again partner with the **American Society of Civil Engineers (ASCE)** for **National Engineers Week**. National Engineers Week, founded in 1951 by the National Society of Professional Engineers, is a formal coalition of more than 70 engineering, education, and cultural societies, and more than 50 corporations and government agencies. Dedicated to raising public awareness of engineers' positive contributions to quality of life, Engineers Week promotes recognition among parents, teachers, and students of the importance of a technical education and high level of math, science, and technological literacy, and motivates youth to pursue engineering careers in order to provide a diverse and vigorous engineering workforce. Information is available at www.eweek.org.

February 25-26, 2010 The **14th Annual Children's Engineering Convention** will be held at the Holiday Inn Select – Koger Center in Midlothian, VA. Do you have ideas to share? Some really good design briefs that others could use? Success in the classroom through children's engineering? A children's engineering component in your school that has made a difference? An engineering project that involved a "green" theme? If you answered "YES" to any of the above questions, why not present at the 2010 Virginia Children's Engineering Convention! Deadline for submissions is **November 10, 2009**. Convention registration and other forms are currently being updated and will soon be available at the VCEC website: www.childrengineering.org. Contact **Mary Hurst** (mcwhurst@cox.net) with questions.

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June 17-21, 2010 **Technological Learning & Thinking: Culture, Design, Sustainability, Human Ingenuity**, an international conference sponsored by The University of British Columbia and The University of Western Ontario, Faculties of Education, in conjunction with the Canadian Commission for UNESCO, will take place in Vancouver, British Columbia. The conference organizing committee invites papers that address various dimensions or problems of technological learning and thinking. Scholarship is welcome from across the disciplines including Complexity Science, Design, Engineering, Environmental Studies, Education, History, Indigenous Studies, Philosophy, Psychology and Sociology of Technology, and STS. The conference is designed to inspire conversation between the learning and teaching of technology and the cultural, environmental, and social study of technology. Learn more about it at <http://learningcommons.net>.

April 2010 The EPA's **National Design Expo and P3 Sustainable Design Challenge** will celebrate its 6th year in conjunction with the 40th anniversary of Earth Day and the 40th anniversary celebration of the founding of the EPA. The celebration will last for three days on National Mall in Washington D.C., and local school groups are invited to attend, visit the student design challenge tent and meet with engineers, scientists, and business leaders who are working to develop innovations designed to advance economic growth while reducing environmental impact. The **Beyond Benign Foundation** will also be hosting a **Classroom on the Mall** at which you can schedule hands-on activities designed specifically for your students in order to turn this experience into a standards-based field trip that you can take back to the classroom. Save the date now and reserve a school bus for **April 19, 2010**. You won't want your students to miss this opportunity. For more information about the National Sustainable Design Expo and P3 Sustainable Design Challenge, visit www.epa.gov/P3/; the **Classroom on the Mall**, visit www.p3expo.com/index.html.

