

# Colorado Technology Education Conference

## Reaching New Heights

22<sup>nd</sup> Annual Technology Education Conference

Thursday, November 1 and Friday, November 2, 2007

Copper Conference Center

Copper Mountain, Colorado

At this year's conference, participants can choose from a wide variety of specialty areas – stands – to participate in.

The Conference Steering Committee invites you to share your ideas and best practices with our colleagues from the rocky mountain region. Please submit your proposals (500 words, maximum) online before August 31, 2007.

### *Strand 1: Hands-on Projects*

The workshops in this strand will show participants how they can use hands-on activities in their classroom to engage and motivate their students through "doing" technology. Possible examples of traditional industrial arts workshops could include building boomerangs, exploring glider designs or building a hovercraft.

### *Strand 2: Teaching Strategies*

The presentations/workshops in this strand will showcase best practices, specific instructional strategies, models and tools (such as course management systems) that have helped students demonstrate their learning and achievement in the classroom.

### *Strand 3: Pre-Engineering*

The presentations/workshops in this strand will show participants how they might present science, technology, engineering and math ("STEM") to students using fun, hands-on, minds-on projects to instill an excitement for studying engineering in college and eventually pursue a cool high-tech, high-paying career in engineering or engineering technology. Presentations in the Pre-Engineering strand will introduce other teachers to pre-engineering classes/programs/organizations and give helpful ideas and projects to technology teachers / industrial arts teachers who are already teaching in this area.

### *Strand 4: Digital and Electronic Media*

The presentations/workshops in this strand will link participants with professionals interested in the use of digital media and its application to the learning process in a wide range of content areas, including, but not limited to technology, computer and industrial/vocational educators, school media specialists, and professors of media and educational technology among others.

### *Strand 5: Policy and Articulation*

The presentations/workshops in this strand will share with teachers and administrators relevant information (and questions) about technology education at the state level. How does NCLB affect technology education? Do we need to be highly qualified and what does that mean? Where does technology education stand with the Colorado Department of Education? What does a technologically literate student at 5th grade, 8th grade, 12th grade and post secondary levels look like? Should Colorado have a standardized curriculum for technology education?

*Strand 6: Grant Writing*

The presentations/workshops in this strand will provide participants with the necessary tools and the knowledge to begin the grant writing process, locating various funding opportunities, writing grant proposals and applications. It will also provide individuals with contacts at the local, state or national level who have expertise in grant writing. These presentations will also cover information about scholarship(s) that are available for teachers interested in continuing education (professional development) and/or for their students preparing to go to college.

*Strand 7: School-to-Career*

The presentations in this strand will provide participants ideas and opportunities to introduce their students to career development and make the world of work accessible to their students.

*Strand 8: Poster Sessions*

Poster Sessions are designed to showcase a project, program, process, activity or lesson in an informal setting. A small table is provided to support a display board and related materials (e.g., handouts). Posters will be on display for a designated time allowing conference attendees to browse them. While passive exhibits are acceptable, poster sessions are most effective when the presenter is present at the poster to answer questions.