

## *Using PhET simulations for Science Inquiry*

Technology in Education (TIE) Colorado conference: The TIE website ([http://www.tiecolorado.org/TIE\\_Conference\\_2009](http://www.tiecolorado.org/TIE_Conference_2009)) is now open for conference registration!

**Session Title:** Using PhET simulations for Science Inquiry

**Session Description:** Do you want to help your students make sense of Science? Interactive simulations can help students develop their ideas through life-like investigations and inquiry based lessons. The PhET project provides a free website of simulations that are designed to support student learning. We have simulations like Salts and Solubility, Gas Properties, Reactions and Rates, Moving Man and Forces 1D. This workshop will help you design effective lessons and use lessons that other teachers have shared. The PhET team has designed a set of guidelines that help teachers integrate the simulations into lessons using guided inquiry. We will help you use these guidelines to provide activities for students to construct their own understanding of chemistry ideas. In this workshop, you will learn about the research that helped establish the guidelines and the simulations, look at lessons available free on the web, and work on writing a lesson for your class. PhET website: <http://phet.colorado.edu>

**NETS:** Facilitate and Inspire Student Learning and Creativity

**Level:** Elementary, Middle, High School, Higher Education

**Presentation date:** Wed 6/24

**Time:** 8:30-11:30 am

**Room:** Ptarmigan A

**Lab platform:** Win