

Physics Department Seminar

Friday March 12th, 2004

11:00am in PhSc 105

“Getting More Data Analysis into High-School Physics Labs”

Mr. Tim Erickson

EEPS Media

Oakland, CA



Abstract:

New curriculum materials for high-school physics and physical science classes that concentrate on data analysis will be presented. They make quantitative understanding more accessible and better integrate math and science.

Students use Fathom (KCP Technologies, 1999) to help them with graphing and data collection. The talk will include one or more activities (time permitting) from the project to demonstrate how this process works. You'll also get to see (and react to) new, cool, still-quirky science-oriented features such as units and algebra.