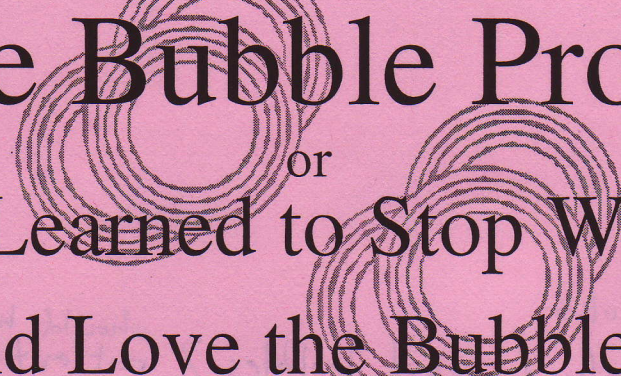


# Physics Department Seminar

Friday April 18<sup>th</sup>, 2003

11:00am in PhSc 105



## “The Bubble Project or How I Learned to Stop Worrying and Love the Bubble”

Mr. Eric Edlund  
Department of Physics  
California State University, Chico

### Abstract:

Surface tension is a thermodynamic quantity that describes the resistance of surfaces to deformation. Because of their small size, bubbles present a system in which this influence is not negligible. Under a variety of conditions bubbles can exhibit complex oscillations. Topics to be discussed are the source of surface tension, its relation to bubble stability and oscillations, and my current investigations of bubble phenomena.