

# Physics Department Seminar

Friday May 10<sup>th</sup>, 2013

11:00am in PhSc 105

## “Introduction to the Finite Element Method”



Mr. Sam Mish  
Physics & Mathematics Major  
CSU Chico

### Abstracts:

Finite Elements have emerged as an invaluable tool for computer simulations in a variety of fields. In this talk, we'll consider a 3D thermal analysis of a heat sink, and see how the Finite Element method enables us to describe this system, despite its complexity. In addition, we will discuss how to apply this method to other areas of Physics, and how to implement such a simulation from scratch.

