

# Physics Department Seminar

Friday February 5<sup>th</sup>, 2010

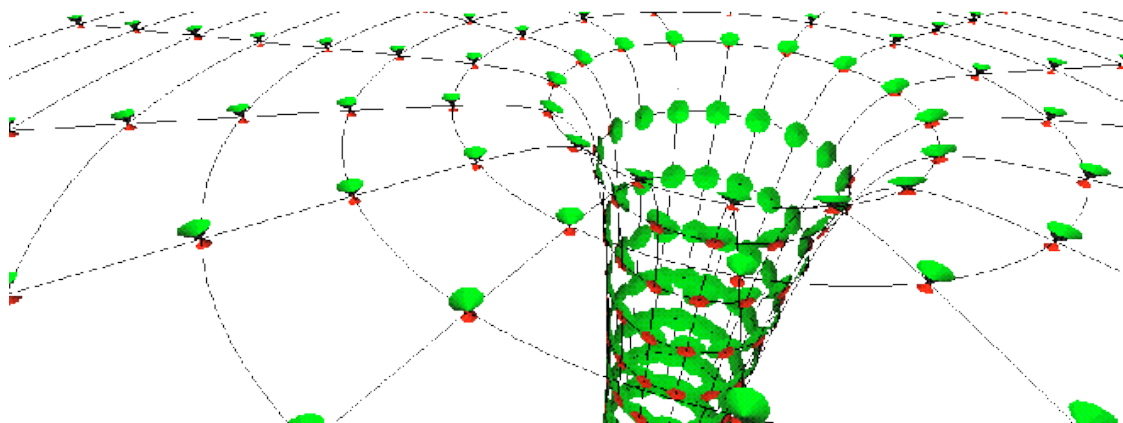
11:00am in PhSc 108

## “The Structure of Space-Time Near a Black Hole”

Dr. Chris Gaffney

Professor of Physics

California State University, Chico



### Abstract:

This will be the first in a series of four talks – one per month – exploring the behavior of watches, meter sticks, and falling bodies under the influence of a strong, radially-symmetric gravitational field. The speaker knows just enough General Relativity to be dangerous, and so will be closely following the development found in “Exploring Black Holes – Introduction to General Relativity”, by Taylor and Wheeler.

This text is highly recommended for those who are considering attending all four talks.