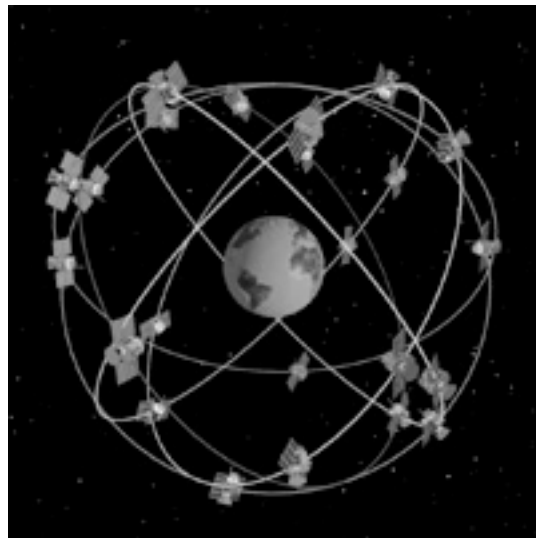


# Physics Department Seminar

Friday April 23<sup>rd</sup>, 2004

11:00am in PhSc 105

## “Applications of General Relativity in GPS Systems”



**Mr. Robert Foster**  
Department of Physics  
California State University, Chico

Abstract:

In your daily life the effects of General Relativity often go unnoticed. Yet, chances are that you or someone you know has relied on General Relativity at least once in their life. This talk will discuss how General Relativity is critical to the operation of Global Positioning Systems (GPS) that are commonly used today in applications such as car navigation, hiking, and air traffic control.