



SACRAMENTO
STATE

Department of Physics and Astronomy

Physics & Astronomy Colloquium

Fall 2011

Astrophysics Research at Fresno State's station at Sierra Remote Observatories

Fresno State has a remotely controlled station at Sierra Remote Observatories, near Shaver Lake. This superb dark site is at an altitude of 4,610 feet. My students and I operate station's telescope mainly from campus, 47 miles away, by remote control over the Internet. Science programs include observing the physics of the accretion disks in cataclysmic variable binary star systems, including the discovery of spiral waves and bending waves in several systems. We also have a program of observing flares in stars like the Sun, which we suspect are enhanced by the magnetic fields of hot Jupiter exoplanets.

Frederick A. Ringwald

Department of Physics

California State University, Fresno

Thursday, September 22, 2011

4:00-5:20 PM - MND 1015

Open & Free to all Students, Faculty & Public