

SEMINAR IN PHYSICS

FRIDAY, FEBRUARY 5, 2016

3:30-4:25 · Ross 0220

~ Refreshments! ~

Exploring the Variable Sky with Kepler

Dr. Charles Kuehn, UNC Physics Faculty

Originally designed and launched for the purpose of finding transiting exoplanets, NASA's Kepler Space Telescope has revolutionized the study of variable stars. Kepler's high precision photometry, observing cadence, and length of observing has allowed the study of pulsating stars at a level that was never possible before. I will highlight some of the key results from the Kepler mission and discuss how it has improved our understanding of stellar structure, stellar evolution, and how our Milky Way Galaxy formed.