



PHYSICS AND ASTRONOMY COLLOQUIUM

Dr. David Gerdes

Department of Physics, University of Michigan

“The Coolest Place in the Solar System: Opportunistic Science with the Dark Energy Survey”

Abstract

The Dark Energy Survey is in the middle of a five-year mission to map one-eighth of the sky with unprecedented area and depth using the 4-meter Blanco telescope in Chile. The main goal of the survey is to understand the accelerating expansion of the Universe by imaging hundreds of millions of galaxies and thousands of Type Ia supernovae. But to collect these data we must look out through our own galaxy and Solar System. I’