



VANDERBILT UNIVERSITY

Department of Physics and Astronomy

Nuclear and Particle Physics Seminar

Monday, April 25

12:30pm-1:30pm

Stevenson Center, Room 6333



Chris White

Illinois Institute of Technology

Results from HyperCP

The HyperCP experiment (FNAL E871) collected over 120 tera-bytes of data during the '97 and '99 fixed-target runs, amassing the world's largest set of charged hyperon decays. This data set also includes billions of charged and neutral kaon decays. I will report on our search for CP violation in Cascade/Lambda hyperon decay, hyperon decay parameters, and searches for rare decays of hyperons and kaons.

<http://www.hep.vanderbilt.edu/seminar>