



SACRAMENTO STATE

Department of Physics & Astronomy Spring 2007

Physics Colloquium Series

"Detectors for Current and Future Colliders"

In this talk, Dr. Sawyer will present an overview of the field of experimental high energy physics, with emphasis on the large collider experiments that are either taking data at the Fermilab Tevatron, will soon start at the Large Hadron Collider (LHC) near Geneva, or are planned for facilities like the International Linear Collider (ILC). Recent developments in detector technology, including results from the speaker's research group, will be discussed. Included will be a short tutorial, "So You Want to Build a Collider Experiment?" in which Dr. Sawyer will outline the steps in forming a new experiment, for the benefit of future particle physicists in the audience.

Dr. Lee Sawyer

Louisiana Tech

Thursday, March 1, 2007

4:10-5:20 PM MND 1015

Open & Free to all Students, Faculty & Public