



SACRAMENTO STATE

Department of Physics & Astronomy Fall 2008

Physics Colloquium Series

“Road to Discovery of ATLAS/LHC”

After more than 10 years of construction, the 10 billion dollar Large Hadron Collider (LHC) at the European Organization for Nuclear Research (CERN) finally started on Sept. 10, 2008. The ATLAS experiment of the LHC has great discovery potential for new physics (Higgs, Supersymmetry, micro black holes etc). After an introduction of High Energy Physics (HEP), I will focus on the great expectations of new physics discoveries at the ATLAS experiments and the experimental challenges. I will also describe the ATLAS program and research work at Fresno State.

Dr. Yongsheng Gao

California State University, Fresno

Thursday, November 6, 2008

***4:00-5:20 PM - MND 1015**

***Note new times this semester**

Open & Free to all Students, Faculty & Public