

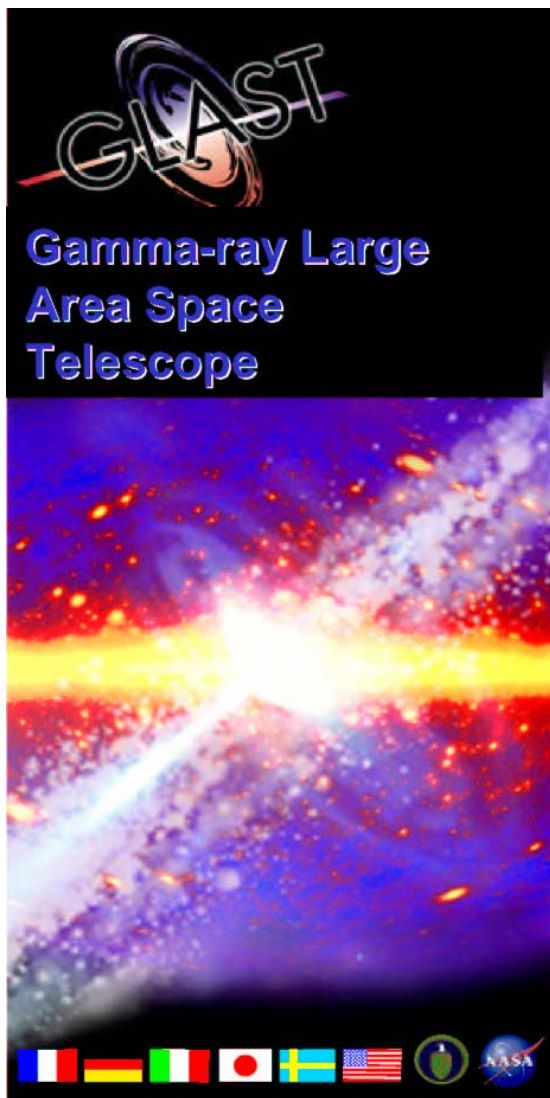
PHYSICS COLLOQUIUM

Tuesday, 20 January 2004

4:00 PM

Broida Hall 1640

Refreshments will be served at 3:30 PM



DR. ROBERT JOHNSON
University of California at Santa Cruz

THE LAT SCIENCE INSTRUMENT OF THE GAMMA-RAY LARGE AREA SPACE TELESCOPE

GLAST is a joint NASA/DOE mission to build, and then operate in low-earth orbit, an advanced high-energy gamma-ray telescope for basic research in astrophysics. The mission's principal science instrument, the LAT pair-conversion telescope, is being built by a multinational collaboration based at the Stanford Linear Accelerator Center. This talk will cover several science topics to be studied by GLAST, the capabilities of the instrument, the instrument design and fabrication, and the status of the project.