Abstract for an Invited Paper for the SES08 Meeting of The American Physical Society

GRB Studies with GLAST CHARLES MEEGAN, NASA/MSFC

The Gamma Ray Large Area Space Telescope (GLAST), launched on June 11, 2008, is NASA's most recent observatory dedicated to gamma ray astronomy. GLAST comprises two science instruments, the Large Area Telescope (LAT) and the GLAST Burst Monitor (GBM). The LAT is a pair telescope with unprecedented sensitivity on the energy range from 30 MeV to >100 GeV. GBM is an array of 14 scintillation detectors that will observe GRBs in the 8 keV to 30 MeV energy band. I will describe the GLAST capabilities for GRB studies and show some early results.