

AMENDMENT NO. 29 TO THE NASA RESEARCH ANNOUNCEMENT (NRA) ENTITLED  
"RESEARCH OPPORTUNITIES IN SPACE AND EARTH SCIENCES (ROSES) 2011,"  
NNH11ZDA001N, RELEASED FEBRUARY 12, 2011

ROSES-11 Amendment 29: Revised text for [Appendix D.6 Fermi Guest Investigator – Cycle 5](#)

The Fermi Guest Investigator (GI) program solicits proposals for basic research relevant to the Fermi mission. The primary goal of this mission is to perform 20 MeV to >300 GeV gamma-ray measurements over the entire celestial sphere, with sensitivity a factor of 30 or more greater than that obtained by earlier space missions. A secondary goal includes the study of transient gamma-ray sources with energies extending from 10 keV up to 300 GeV. The Fermi GI program is intended to encourage scientific participation by providing funding to carry out investigations using Fermi data, to conduct correlative observations at other wavelengths, to develop data analysis techniques applicable to the Fermi data, and to carry out theoretical investigations in support of Fermi observations.

This amendment presents revised text for the Fermi GI program, which replaces the previous text in its entirety. New to this cycle is that additional LAT data products, which provide significant new analysis capabilities for short duration transients such as gamma-ray bursts and solar flares, will be available. These provide enhanced acceptance, especially at low energies, but with high background contamination. These data and associated response files will be provided for a time interval around each transient event.

The due date for Proposals remains unchanged at January 20, 2012.

Further information about this program element is available from Dr. Ilana M. Harrus, Astrophysics Division, Science Mission Directorate, NASA Headquarters, Washington, DC 20546-0001; Telephone: (202) 358-1250; E-mail: [Ilana.M.Harrus@nasa.gov](mailto:Ilana.M.Harrus@nasa.gov).