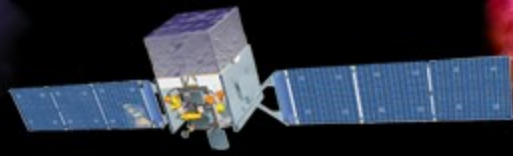# FSSC Software Status

Dave Davis

FSSC Archive Scientist

FSSC Tool Status

▶ *Computers moved from B-2 to B-28*

▶ *LAT Data Server*

- *Major improvements to stability & uptime*
- *Crash recovery improved*
- *Capability to ingest reprocessed data and serve data (in-progress)*
- *Event selection (in-progress)*

▶ *GBM*

- *Added GBM quicklook products to BROWSE*
- *Major update to GBM burst catalog (in-progress)*

Science Tools Status

▶ *Science Tools Release for summer 2010*

    – *Based on LAT Team ST v9r16p1*

    – *Preparation for full CALDB support*

▶ *Extensive FSSC Testing*

    – *verifying test scripts & unit tests*

    – *testing by scientists (TBD)*

▶ *Software will add support for*

    – *gcc 4.+ compilers (e.g. Ubuntu 9,10+, Fedora 11,12)*

    – *MAC OSX 10.6 (SnowLeopard)*

    – *Same platforms as HEASARC*

Future Work

► *Develop additional thread tests*

  – *python tests*
  – *binned analysis tests*

► *LAT data server*

  – *improve internal accounting*

► *Tools will need extensive testing with the new data from reprocessing*

  – *Ongoing talks between the FSSC and LAT team to streamline use of new analysis classes*