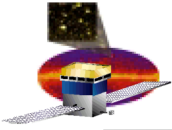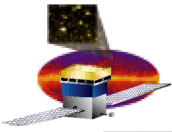# Beam Test Status

- **News from CERN, tentative schedule:**
  - **PS (low energy): 4 weeks (!) 24 July-20 August.  Additional week in July may be available to us for setup, etc.**
  - **SPS-H4 (high energy): 15 days 4-18 September (flexible by 1-2 weeks)**
  - **both are important**
- **Beamtest meeting 27 Feb @ SLAC**
- **March meeting in Pisa**
- **LAT is leaving SLAC later than expected.  Optimizing phasing of shipment of flight spare hardware and other needed components..**
  - **maintain mini-LAT undisturbed through NRL testing**
  - **exploring option of delaying shipment of 4th beamtest CAL (flight spare) until LAT leaves SLAC.**
- **Upcoming:**
  - **Positioning table design proceeding in France (O. Ferreira), complete 3/31.**
  - **Hardware handling Plan Draft March 16.  Finalized after Pisa workshop.**
  - **Grid delivery to Italy: 1st week April (due at SLAC end of next week, followed by fit check and shipment).**
  - **TKR to Italy mid-April**

# March Meeting, Pisa

- **Week of 20 March (3-days of meetings plus work)**
- **Topics**
  - Beam Test Plan discussion and release
  - Trigger and Data Acquisition
    - - CU DAQ and online monitor status
    - - Ancillary systems DAQ and online monitor status
    - - Trigger and DAQs synchronization
  - Offline and Data Analysis
    - - Simulation/reconstrution tools and support
    - - CU and ancillary systems data streams merge
    - - Data flow and process pipeline infrastructure
    - - Status and coordination of data analysis
  - Integration and test
    - - CU I&T status
    - - Mechanics for CU test, transportation and deployment in test area
    - - ACD tile locations and  interface to CU

# Activities in Italy

**GLAST LAT Project**　　　　　　　　　　　　　　　　　**Beam Test Meeting 1/21/2006**

## Beam test activity in Italy

- **Integration & test activities**
  - **1x1 tower completed and under test**
  - **CAL CPT rerun and understood**
  - **runs taken with different CAL configurations for NRL study on shaped readout noise (extra noise induced by readout if next event is triggered few microsecond after readout)**

fixed →

- **DAQ**
  - **External triggering not working: GASU and test box back at SLAC for check or replacement**
- **Ancillary systems**
  - **Started discussion on test plan implications on ancillary systems and test setup (see slide 3)**
- **Data simulations and analysis**
  - **Exercise production started almost everywhere using both beamtest06 and standard Gleam**
  - **Evaluation of achievable target precision for specific measurements based on beam knowledge under way (compare to slide 4 table)**
- **CU beam test Workshop at INFN-Pisa on 20-21 march**
  http://glast.pi.infn.it/glastdocs/cernbeamtest/workshop/workshopstart.html
  - **It will be a working meeting**
  - **Possibility to extend visit to work in specific areas (DAQ merge, data-stream merge, integration and mechanics procedures, ACD location, simulation tutorials, analysis groups)**

L. Latronico　　　　　　　　　　　　　　　　　　　　　　　　　　　1