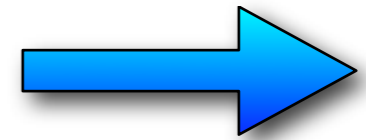
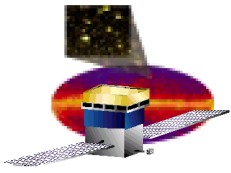


Beam Test Status

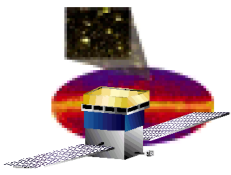
- **Beam test group meets regularly via VRVS**
- **Organizers: R. Bellazzini, E. do Couto e Silva, B. Lott**
- **Following 2 slides (activities summary and top-level schedule) from Monday Beam Test meeting**





Current Activities

- **Beam test Plan in progress**
- **CU integration started in Italy**
 - **currently working on EGSE development**
- **MGSE design progressing well**
 - **concept for shipping container and MGSE exists (Italy)**
 - **concept for XY table exists (France)**
 - **modifications of 1 x 4 grid in progress (USA)**
- **Used simulations to determine location of ACD tiles**
 - **CU geometry incorporated**
 - **Multiparticle capability implemented**
 - **Modeling of beam line and ancillary detectors in progress**
- **Initial discussions on merging of DAQ systems**
 - **Two concepts exist: one offline and another online**
 - **currently gathering information for trade-off study**
- **Analysis topics priorities and responsibilities being defined. Simulations will be used to develop analyses.**



Top-Level Schedule

- **Planning and Construction**
 - **December 2005:**
 - Visit from INFN to SLAC
 - EGSE and MGSE development
 - Decision made to integrate CU and developed MGSE in Italy
 - First tower shipped to Italy + MGSE
 - 1x4 Grid modifications started
 - **December-January:** Expected official schedule from CERN
 - Our current Assumption is that beam test starts Aug 1, 2006
 - **January-early February 2006:** Beam test plan release as LAT document (draft in progress)
 - **February 2006:** Ship modified 1x4 grid to Italy
 - **March 2006:**
 - Handling plan ready
 - Meeting in Pisa to work on DAQ merging issues
 - Benefit from IA and DC2 Workshop @ SLAC to have a discussion on data analysis for beam test
- **Integration and Test**
 - **January 2006:** Phase 1: Pre-integration work
 - One tower and a GASU integrated in a single bay stand in Italy
 - **March 2006:** Phase 2: Calibration Unit integration
 - SLAC will ship remaining modules to Italy
 - Adapt existing scripts from LATTE4 for Calibration Unit
 - Prepare for migration of DAQ systems
 - **June 2006:** Cosmic Rays and Calibration tests with charge injection and cosmic rays
- **Delivery and Test @ CERN**
 - **July 2006:** Ship CU and MGSE to CERN
 - Allocate 2 weeks for customs and delivery
 - Additional 2 weeks for testing prior start of beam test
 - **Aug 1, 2006:** start of beam test
 - Depends on final dates from CERN