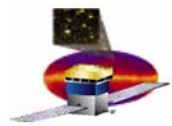


LAT Instrument Test Analysis

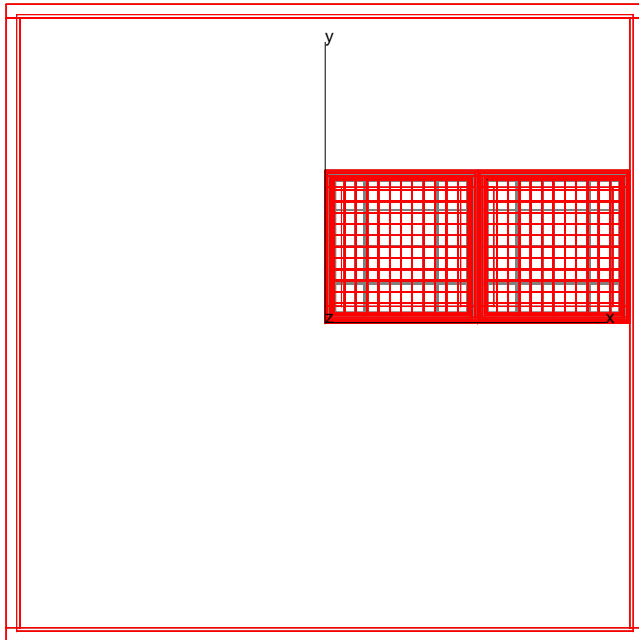
Eduardo do Couto e Silva

April 26, 2004



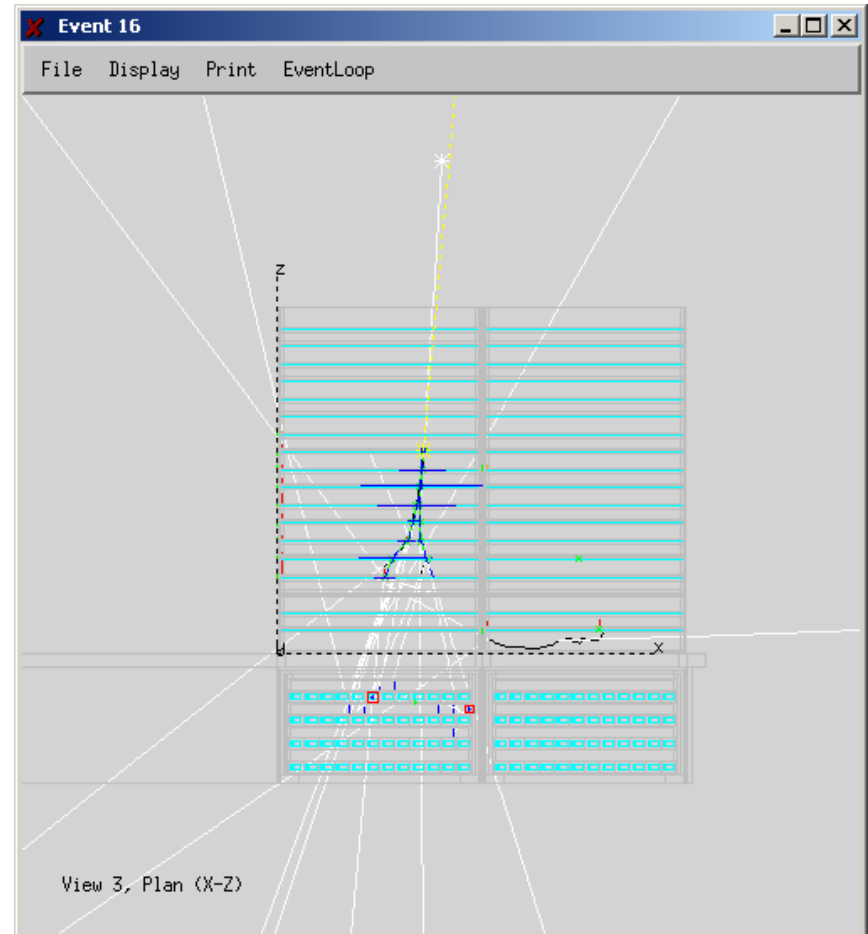
2 Tower MC simulations

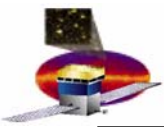
Thanks for the help Heather !



MC top view of the first two towers to be integrated

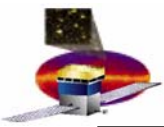
100 MeV γ





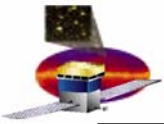
Schedule to the Workshop

- There are only **6 weeks** until the SVAC Workshop @ SLAC (June 7-8)
- SAS is helping us to generate common sets of MC events by the end of this week.
 - 100 MeV photons on axis
 - Surface muons (all angles)
 - Van de Graaff photons (all angles)
- We requested SAS to review with subsystems if the current values implemented in the geometry correspond to the description in LAT-TD-00582 (to be updated for flight if necessary)
 - Are the new features of the TKR/Interface implemented in the MC?
 - If there are updates we should produce new data sets for the workshop (hopefully using OPUS by then)
- Working with Systems Engineering to define data taking configurations for the tests during integration
 - During the SVAC workshop we will discuss which ones we will simulate beyond the standard surface muons
 - Eduardo will prepare a preliminary list of configurations by the next analysis meeting



What to do to get involved?

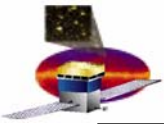
- **By May 3rd we will send an email pointing to a web page with information about datasets**
 - **We are now checking all distributions in the merit ntuple**
 - **Please, check it yourself if you are not completely familiar with it since soon we will have a discussion on that**
 - **Are there any other variable that you would like to have?**
- **Julie is looking at the output of the current system tests**
 - **Need to revisit the output information and decide what the necessary updates are**
 - **Julie welcomes suggestions**
- **Anders and Xin are working with Dan and Heather on infrastructure for MC generation and the workshop's webpage**
 - **We already contacted Pat Nolan about setting up a Wiki page.**
 - **If you have suggestions please contact Anders and Xin**



How many are we so far?

- People coming to the Workshop beyond the local group (SLAC)
 - Bordeaux
 - Benoit
 - GSFC
 - Julie
 - Luis
 - LLR
 - Berrie?
 - Pol?
 - UCSC
 - Bill
 - On the works...
 - GAM
 - Frederic Piron was going to discuss with his group a possibility to get involved
 - KTH
 - Per Carlson in investigating the possibility of sending someone from Sweden
 - Italy
 - We have no one so far, (Michael expressed interest). We have contacted Ronaldo Bellazinni to explore possibilities
- We need more people

From June 11 to 13 the SLAC Guest House is already sold out, make your reservations as soon as you can !



May 3rd's ANA meeting

- We plan to have a weekly phone meeting to help in the organization on Fridays at 10:00 am PST starting May 7, 2004.
 - Should we set up a new mailing list or should we use the existing ANA or EM lists?

Expectations for the next meeting's status report

- Web page in place with
 - General workshop description
 - Datasets available for study of analysis ntuple
- Preliminary list of
 - configurations to be generated with surface muons
 - output results from system tests
- Status Report on the current geometry implementation
- New people to join the effort