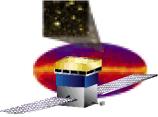


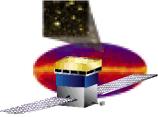
Analysis Group

- Purposes:
 - grow the base of people using the simulation and reconstruction
 - help evaluate the performance of the instrument
 - as organized users, important interactions with SAS: quick feedback on functionality, documentation, usability, etc. We are starting small to avoid drowning SAS immediately. Expect the group to expand gradually over time.
- This is a working group, not a policy group. Group reports to the IPO through S. Ritz and to the IDT and collaboration through presentations by members as needed.



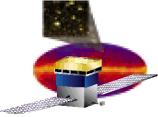
Meetings

- We'll meet via VRVS as needed. Start weekly.
- Presentations should be short and should focus on the actual work done (less emphasis on history and other background information).
- There will be an agenda, but walk-on items are welcome. These are working meetings where we will share ideas, problems, and solutions; however, we will also keep an eye on the time. Expect the meetings to last ~45-90 minutes, typically.
- Meetings are open to the collaboration, but the purpose of the meetings is to get our work done. Communication with our LAT collaborators will happen in other venues (IDT, collaboration meetings, technical notes, etc.).



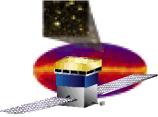
First Projects

- Anyone can work on what s/he wants (of course!), but LAT has specific needs and we must give these needs the highest priority:
 1. evaluate, improve, parameterize instrument performance (PSF, A_{eff} , σ_E vs. E , θ , position)
 2. background rejection analysis improvements (related to above)
 3. calibration/verification tasks simulations
 4. G4 version higher-level checkout (this is NOT the place to debug GLEAM, but we will use it and evaluate it)
 5. onboard filtering
 6. questions as they arise (examples: recent TKR trigger issues, CAL XTAL dimension question)
 7. help define and review the summary ntuple



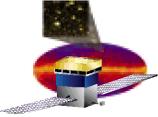
pdrApp and GLEAM

- pdrApp v7r2 is the best-understood and most thoroughly-tested system. Large datasets exist.
- GLEAM first release is expected soon, but a significant period of debugging is necessary. Best guess for time of reliable use is October.
- We will therefore likely use BOTH:
 - nearterm design questions will be answered using pdrApp
 - use of GLEAM will be first for checkout and comparisons
- This group must not become split between pdrApp and GLEAM users!



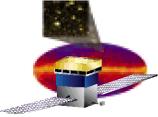
Analysis Tools

- Best if common
- Suggest we use ROOT and share solutions, methods, macros, new tools, etc.
- Use this group as a development laboratory for the SAS analysis tools.
- This group will also help define, try out, and contribute to the collaboration analysis platform.
- Other suggestions?



Communication

- Minutes, common tools, links to presentations and other useful references will be on a designated web page.
- I will maintain the web space, but it will be open for others to place materials there. Those without SLAC webserver access can send me what they would like posted and I will take care of it.
- SAS archived bug tracking system is currently the mailing list helpsoftlist@glast.stanford.edu



Next Steps

- Work plans - who will do what?
- Schedules
- What do you need to get your work done that is not in place?