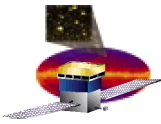


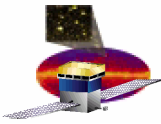
Overview of Science Tools Checkout 3

S. W. Digel
Stanford Linear Accelerator Center



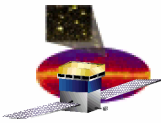
Science Tools Checkouts

- These have been inter-DC evaluations of the science tools from a user perspective
- Scheduled as milestones in the development of the science tools to avoid DC train wrecks (James Peachey)
- Much lower profiles than Data Challenges (no logo, no T-shirts), but also providing reality checks more often
 - Checkout 1, October 11-29, 2004
 - Checkout 2, March 21-April 8, 2005
 - See <http://www-glast.slac.stanford.edu/sciencetools/reviews/>
and
<http://confluence.slac.stanford.edu/display/ST/Science+Tools+Checkouts>
- The users/reviewers have been recruited from the Science Tools group with occasional exceptions



Science Tools Checkout 3

- We think that the development of the science tools is approaching DC2 level and the biggest weakness in Checkout 2 was usable user-level documentation
- The DC2 Steering Committee [Julie] suggested that Checkout 3 be open to interested LAT users as a way of testing readiness for real users
- We are also using the opportunity to exercise new sources in advance of DC2
 - **The simulations for the Checkouts are via gtobssim**
- That said, Checkout 3 is not DC2, and the simulated data that we will release are primarily for the convenience of the users (you). The Checkout 3 data will contain no secrets
- September 6-27



Participating in Checkout 3

- For Checkouts 1 & 2 we signed up reviewers for categories of tools: **General tools, Observation simulation, Likelihood analysis, Pulsar analysis, and GRB analysis**
- The reviewers were committed to trying out the tools and submitting brief reviews about usability, correctness, etc. Bug reports went to JIRA
- We'll do the same for Checkout 3, to make sure that we get coverage of each area, but everyone is encouraged to act like a reviewer
- You might consider it enlightened self interest to prepare for DC2, DC3, and the real world
- Checkout 3 news (e.g., of any incremental releases of science tools) will be posted on the Checkout 3 Confluence page and sent to **scisoftlist**