

# 2007 Collaboration Meeting BT Agenda

## Agenda and reports from the BT team for the GLAST Collaboration Meeting, GSFC 26-30 march 2007

This page is for developing an agenda for the Beam Test reports at the collaboration Meeting.  
Use this space to comment on the agenda and attach draft contributions for discussions.

Current **draft** list of desired contributions:

- Introduction (5) - Luca/Philippe
  - beam test goals recap
  - short recap of tests we did (summary table of data types)
  - acknowledge service work from team
  - introduce session agenda
- Tracker Analysis(15) - [pdf](#) Nicola
  - efficiency
  - hit excess
  - PSF analysis
- TKR simulation (15) - Leon
  - effects
    - threshold
      - #hits, clusters, cluster width, 1st vs other tracks
      - # found tracks, topology
      - PSF
      - tracker energy
    - fluctuations
    - diffusion
    - cross-talk (important for heavy ions)
      - GSI data (carbon, xenon)
      - electronic measurements (Pisa)
  - Implementation in digitization
- Lessons learned for CAL calibration (15) - Sasha?
  - include prospects for calibration with heavy ions?
- Geant4 physics update (15) - Francesco - MOVED TO C&A session on monday
  - g4 consistency checks
    - g4 vs g3
    - different g4 versions
    - TKR material review
- Energy reconstruction (15)
- ACD results (15) - Luis
  - backplash
  - high range calibrations with heavy ions?
- Prospects (10)
  - what and how should go into the LAT simulation
  - future analysis we had no time to do
    - hadronic physics validation
    - positron annihilation
    - p through MMS