

Beam Test VRVS meetings

VRVS Meetings

Frequency: every Wednesday

Time: 08:00 Pacific time (11:00 Eastern; 17:00 Europe)

Location: Astro rooms on [VRVS](#) . (no video needed).

Notes: Test and adjust your **microphone gain**, and avoid an open mike, which may cause echoes. See the 'Rat' help and please follow [VRVS Etiquette](#)

Old agendas can be found [here](#). Meetings used to be on Tuesdays 9AM PST before 27 sept 2006

Workshops and Meetings

[NRL Face-to-Face](#) - november 13, 2007

[SLAC Face-to-Face](#) - july 30, 2007

[Stanford Face-to-Face](#) - Feb 9, 2007

[Workshop 4](#) - Nov 14-15, 2006

[Workshop 3](#) - June 28-30, 2006

[Workshop 2](#) - May 15-17, 2006

[Workshop 1](#) - March 20-21, 2006

BT Contributions

[Conferences](#)

[Collaboration Meetings](#)

[LAT Newsletter](#)

Meeting 79: January 14, 2009, EVO

- Residual non-linearity in the CU and the LAT - [Sasha](#)
- Energy resolution - Yvonne [ppt](#)

Meeting 78: December 10, 2008, EVO

- CU CAL vs LAT CAL calibrations - [Sasha](#)
- CAL energy scaling factors - Philippe
- [Beam Test paper](#) progress

Meeting 77: December 4, 2008, EVO

- [Analysis of reprocessed data and comparison with new MC](#) - Philippe
- CU CAL vs LAT CAL calibrations - Sasha
- [Beam Test paper](#) progress

Meeting 76: November 26, 2008, EVO

- [New simulations](#) - Johan
- [Intra-spill rate effects](#) - Philippe (see Gary's [talk](#) at CAL meeting)
- Beam Test paper - proposed [outline](#). Useful references below:
 - [Beam Test Analysis Memo](#): essentially absorbed into proposed outline
 - [GLAST Symposium BT paper](#)
- Analysis wrap-up - all

Meeting 75: May 28, 2008, EVO

- News
- Simulation status and plans

- Data reprocessing status and results
- Data/MC comparison : with and without LPM [pdf](#) (Philippe)
- Plans for the [Beam Test Analysis Memo](#)

Meeting 74: May 7, 2008, EVO

- News
 - [C&A report for LAT May newsletter](#) include latest BT news
- Data reprocessing with temperature correction for pedestal
 - status - Franz
 - results (see Philippe's [email](#))
- CTBBestEnergy double peak and CalLkHdEnergy issue
 - see Philippe's [email](#)
 - Yvonne's [update](#) - postponed to next week
- Simulation with updated LAC threshold - Johan - [pdf](#)
 - BtSysTest run 2039 (Data) vs (MC Std) vs (MC LPM Off+1.2MeV LACs) : [pdf](#)
- [Beam Test Analysis Memo](#) - discussion
- Meeting [notes](#)

Meeting 73: April 30, 2008, EVO

- News
 - switching off LPM in GR (see [talk](#) at last C&A - Johan)
 - temperature correction status - Sasha [pdf](#)
- Data reprocessing with EM hypothesis - TKR cross-checks - Carmelo - [pdf](#)
- Meeting [Notes](#)

Meeting 72: April 23, 2008, EVO

- News
- LAC threshold monitoring - Johan - [pdf](#)
- Summary of findings on implementation of LPM effect in G4 and effect on TKR hits - Johan - [pdf](#)
- temperature correction status: Sasha [pdf](#), Aous Abdo [pdf](#)

Meeting 71: April 16, 2008, EVO

- News
 - Temperature for muon calib runs (276-285) not available yet, must wait to retrieve housekeeping data for that period - see [this JIRA](#)
 - CAL material audit [results](#) never implemented in xmlGeoDBs - Joanne will start working asap on those
- New Low-Energy simulations - Carmelo, Johan ([pdf](#), reports: [zip](#))
- Meeting [minutes](#)

Meeting 70: April 9, 2008, EVO

- News
 - New summary page for MC in pipeline II : [MC Runs Summary PII](#)
- Feedback on last week simulation - Carmelo ([pdf](#))
- Update on CalLkHdEnergy issue - Yvonne([ppt](#))([pdf](#))
- temperature variation of Csl light yield - Sasha [pdf](#)
- [Prospects](#) for the BT paper - discussion
- Meeting [minutes](#)

Meeting 70: April 2, 2008, EVO

- News
 - training for reading CU with LICOS in progress at SLAC
 - new simulations - see data catalog (Johan)
 - [hadron runs](#) with reduced TKR noise
 - [electron runs](#) around cracks
 - [run 1906](#) - require beam spot tuning - DONE.
 - run 276 reprocessed with improved muon-gain CAL calibrations available for *TEST* at /nfs/slac/g/glast/users/glground/bregeon/jobOptions/BT-0276-v8r130101p1-DATA/output/ ; runs 276-285 will be all reprocessed after green light on 276
- [ppt](#) Data-MC comparisons for CTBBestEnergy - Yvonne
- pedestal temperature drift correction - Sasha [pdf](#)
- [Prospects](#) for the BT paper - discussion

Meeting 69: February 27, 2008, EVO

- News
 - LAT newsletter [march contribution](#)
- Collaboration meeting plans

- opportunity for a BT splinter at collaboration meeting focused on writing the analysis note
 - contributions to the systematics splinter session
- Update on longitudinal position measurement and discussion on required actions
 - Presentation at yesterday cal meeting [pdf](#) - Philippe
- Left Vs Right Edge Cal Energy Raw [pdf](#) - Nicola
 - Corrected plots for all runs at 0, 10, 20, 30, 45 and 60 deg [pdf](#)

Meeting 68: February 20, 2008, EVO

- News
 - [Absolute beam energy](#) - Benoit
- Comparing BT caltransrms for protons and MC - Berrie - [pdf](#)
- Shower transverse size for electrons [pdf1-pdf2](#) Philippe
- CAL calibration discussions, see [plans](#) from CAL calibration team

Meeting 67: January 23, 2008, EVO

- News
 - contact with G4 developers - positive feedback, visit (Francesco, Johan, Philippe) scheduled jan 30
 - Disk space [needs](#) at SLAC: we propose to delete old data reprocess (e.g. v4)
 - BTR Status : new v8r130101p0 - uses ROOT v5.16.00-gl1
 - new mc runs : p 6GeV 1423, FB 1223 1262 1445
- CAL study (transverse profile, LAC thresholds, energy per range) - Johan - [pdf](#)
- Effects from changing CAL calibration factors - Johan - [pdf](#)
- e-p selection update ([ppt](#),[pdf](#))- Luca

Meeting 67: January 16, 2008, EVO

- News
 - contact with G4 developers - positive feedback, tentative visit (Francesco, Johan, Philippe) scheduled jan 29
- Simulation status - Johan - [pdf](#)
- Preparation to CA-SO workshop
 - [agenda](#)
 - connections from remote

Meeting 66: December 19, 2007, EVO

- News
- H4 line simulation - ([ppt](#), [pdf](#)) Franz/Johan
 - [Check - Data](#)
 - [Check - Previous Sim](#)
- Electron-hadron separation: data-beam test comparison ([pdf](#)) - Luca B.
- Electron-hadron separation using IM ([ppt](#),[pdf](#)) - Luca L.

Meeting 65: December 12, 2007, EVO

- News
- H4 line simulation - [Franz](#), Benoit
- Wrong longitudinal position measurement in CAL, a possible explanation - Sasha ([pdf](#))
- Tkr cuts in FB Data v2r71215p0 BT release- Nicola ([pdf](#))
- Comparison Geant4 - EGS5 - David Paneque
 - Comparison of shower profiles in a "realistic" calorimeter ([pdf](#))
 - Evaluation of effect of gaps between xtals in the shower profiles ([pdf](#))
 - First comparison on the amount of "backsplash" predicted by those codes ([pdf](#))

Meeting 64: December 5, 2007, EVO

- News
 - BT newsletter [contribution](#) submitted yesterday
 - Proposed [contribution](#) to G4 space users workshop
- Simulation status ([Johan's email](#))
 - New BTRRelease v7r1215p0 (He in SPS Cerenkov, Neutral vertex and pass5 variables)
 - MC : 5 New runs with different impact points [Good runs](#)
 - DATA : All "good runs" and new runs reprocessed with new BTR
 - Upgrading Beamtest MC code to run in pipeline II : data stored via xrootd, accessed thanks to the catalog
 - SPS H4 line simulation update (reference [spreadsheet](#) - Francesco)
- Some Cal plots for run with beam energy increased by average discrepancy for run 2082: [svac](#) , [me rit](#) ([Energies Energy Raw and TransRms](#), [Energy per Layer](#), [Energy profile](#), [Tkr total Hit-Custers](#))
- More information on the dead/hot strips ([pdf](#)) - Leon
- maxlongdist ([Philippe's email](#))
- Beam phase space [plots](#) - Luca

Meeting 63: November 28, 2007, EVO

- News
 - [Article AMS beamtest](#) [ATIC beamtest](#) to review: Performance of CALET Calorimeter, AMS2 and ATIC by Accelerator beam test
 - [Analysis cuts page](#) : please fill it so we have a common page to refer to
 - [CA/SO/BT Workshop](#) , Bari 5-8 Feb 2008, please [pre-register](#)
- Update on Tkr analysis ([pdf](#)- Carmelo)
- Simulation [status](#)
- New collimator simulation - Johan -[pdf](#)
- Random trigger full brems runs ([pdf](#)) - Luca
- Electron/proton identification with a maximum likelihood approach ([pdf](#)) - Francesco Loparco
- Comparison of Electromagnetic shower profiles between GEANT4 and EGS5 (David Paneque)
 - Shower profiles comparison for several energies ([pdf](#))
 - Uncertainty in determination of mean/rms of shower profiles when using runs of 100 events ([pdf](#))
 - Effect of production cuts in the shower profile ([pdf](#))
- Tkr1YDir Vs Tkr1Y0 ([pdf](#)) - Nicola
- Comparison of beam profile for run 2082 (electrons, 20 GeV) between data and MC ([pdf](#)) David Paneque
- Meeting [minutes](#)

Meeting 62: November 21, 2007, EVO

- News
 - complete (PS+SPS+GSI) [html elog](#) - Philippe
- [Work plan](#) discussed at collaboration meeting - Luca
- Issues with Geant4 EM shower development for Babar ECAL
 - [talk1](#) - beware of color coding, opposite to our convention; basically narrower shower, no improvement with more material
 - [talk2](#) - comparison of different g4 versions, v8 (same as GLAST) and v7 give better agreement with shower shape wrt v6, but no complete agreement; energy deposit 5% higher as well? (slide 10)
- Problem with electron runs at 1 and 2.5 GeV at PS ? [pdf](#) Philippe
- Shower development in the tracker from 1 to 20 GeV [pdf](#) Philippe
- Bill's [plots](#) on 2082 run
- XY scan [analysis](#) - Nicola

Meeting 61: November 7, 2007, EVO

- News
 - official GLAST launch data end of may
- Pressure scan analysis (or *can we determine how much extra x0 solves our discrepancies?*) [pdf](#) Philippe
- Discussion on modifying CAL variables for a data-like simulation
 - see current [test](#) by Luca B et al presented at Monday CA
- Collaboration Meeting Draft talk - Johan - [See confluence page](#)
- Data-v7r1117p1 Vs MC-v7r1117p1 Comparison - Nicola
 - PSF gamma - [pdf](#)
 - PSF electron - [pdf](#)
 - TKR Hits summary -[pdf](#)
- Meeting [minutes](#)

Meeting 60: October 31, 2007, EVO

- News
- Simulation status - [pdf](#) - Johan
- Reprocessing status - Francesco
- Tagged photons PSF ([pdf](#)) - Carmelo
 - data and readme [files](#)

Meeting 59: October 24, 2007, EVO

- News
 - tentative informal F2F at NRL on Tuesday lunch time [here](#)
- Reprocessing data with v7r1117p1: [list Of Good Runs](#) on going - Francesco
- Simulation status [List Of Good Runs](#) - Slides [pdf](#) - Johan
- SPS cerenkov pressure scan results - [Cerenkov Runs Page](#) - [pdf](#) - Carmelo
- SPS cerenkov pressure scan results - [pdf](#) - Philippe
- Data-v6r0922p4 Vs MC-v7r1117p1: TKR Cluster Comparison ([pdf](#)) - Nicola
- [Selection of beam test-like events from orbits data](#) (Bari group)
- [Meeting minutes](#)

Meeting 58: October 17, 2007, EVO

- News
 - BT contribution for [LAT Newsletter](#) october issue
 - [CA Workshop](#)
- Simulation status - Johan
 - [List](#) of good runs
 - basic agreement matrix ([pdf](#)) **Warning : wrong Cerenkov pressure for 20-50-100GeV**
- Data-v6r0922p4 Vs MC-v7r1117p1 Comparison - Nicola
 - PSF gamma - [pdf](#)
 - PSF electron - [pdf](#)
 - TKR Hits summary - [pdf](#)
 - TKR Hit distribution details - [pdf](#)
 - TKR Hit layer profile details - [pdf](#)
- Plans forward and contributions to NRL collaboration meeting

Meeting 57: September 26, 2007, EVO

- News
 - contributions for ICATPP conference [here](#) from friday - please provide comments by monday 1 oct
- CAL Material Audit ([pdf](#) , [ppt](#) - Sasha
- Simulation status and BtMatrix - Johan - [pdf](#)
- PSF Update - Nicola ([pdf](#))

Meeting 56: September 19, 2007, EVO

- News
- LE simulation update - Francesco
 - Report 2082 with LowEnergy bug fixed [pdf](#)
- Pipeline simulation status - See [GoodRuns](#)
- PSF update - Nicola
 - [Photon Data](#)
 - [Electron Data](#) - The energy unit in the slide 10 is GeV!

Meeting 55: September 12, 2007, EVO

- News
 - Test with modified TKR geometry - [BtSysTest report](#)
 - [LAT Newsletter](#) issue 6

Meeting 54: September 5, 2007, EVO

- News
 - BRelease [status](#) - Michael
 - Updated [list](#) of BT deliverables presented at GLAST-IFC
- CAL Calibration issues ([pdf](#)) - Elliott
- Verifying timing in GSI data ([pdf](#)) - Eduardo/Martin
- LE simulations update
- Meeting [notes](#)

Meeting 53: August 29, 2007, EVO

- News
- BRelease status
 - HEAD1.135 became tag v7r1117p0; probably not a final release but just a reference tag
- Comparison of geometry model with measurements ([pdf](#)) - Leon
- New LowEnergy simulations ([pdf](#)) - Carmelo
 - Same variable of slide 10 (top left plot), but with LowEnergy divided by two ([eps](#))
- Meeting [notes](#)

Meeting 52: August 22, 2007, EVO

- News
 - [List](#) of good runs
- Geant4 EGS5 comparison - ([pdf](#)) David
- BRelease status - [pdf](#) - Johan/Michael/Franz
- TKR range cutoff test - [pdf](#) - Johan
- New Geometry for silicon/bias glue layer ([pdf](#))- Leon
- Some considerations for implementing a "real" geometry ([pdf](#)) - Leon
- Meeting [notes](#)

Meeting 51: August 8, 2007, EVO

- News
- [TKR Alignment in simulation and effect on TKR hits](#) - Leon
- BT System Test toolkit [NewBeamtestSoftware](#)- Luca Baldini - Johan Bregeon
 - Reports for som electron runs : <ftp://ftp-glast.slac.stanford.edu/glast.u37/MC-tasks/BtSysTest/>
- ~~Geant4 EGS5 comparison~~ — David postponed to next meeting

Meeting 50: July 25, 2007, EVO

- News
 - LAT NewsLetter [issue 5](#)
 - Update on collaboration meeting: [F2F meeting](#)
- Energy reconstruction - Tomi ([pdf](#))
- Importance of beam incoming direction when computing the PSF - David ([pdf](#))
- Short update on the Geant 4 MC simulations crosschecks with EGS5 - David
- TkrDigi on new MC production - Monica B. ([pdf](#))

Meeting 49: July 18, 2007, EVO

- News
 - [e-copy](#) of paper logbook, also available on [main BT page](#) under Data Taking info
 - Tomi [poster](#) for SSI - provide feedback by end of this week
- CAL Energy Raw stability and connection with TKR alignment - summary
- Summary plots [page](#) - all
 - TKR hits and clusters studies with hadrons - Nicola ([pdf](#))
 - Angular resolution with electrons - Nicola ([pdf](#))
 - PSF at LE, tagged and full brem comparison [gif](#) - Luca
- pion scan (Berrie [pdf](#))

Meeting 48: July 4, 2007, EVO

- News
 - BTRelease status
- CAL Energy checks - Philippe
 - [interlog cut = 0.4](#) (my standard cut)
 - [interlog cut = 0.3](#)
 - [interlog cut = 0.25](#) (stronger interlog rejection)
- Most Probable Energy - Nicola ([pdf](#))
- Comparison Mars15-Geant4 - David ([pdf](#))
- Summary plots [page](#) - all
- Meeting [notes](#)

Meeting 47: June 27, 2007, EVO

- News
- Backsplash angular distribution in the ACD - Tyrel([pdf](#))
- PSF update ([pdf](#))- Taka
- Preliminary results from Mars15 simulation - David ([pdf](#))
- BTRelease version comparison (v1r030604p6 Vs. v1r030603p9) - Nicola
 - PSF Update ([pdf](#))
 - Tkr hits in electrons and gamma update ([pdf](#))

Meeting 47: June 13, 2007

- News
 - Switch to [evo \(documentation and tips\)](#) from VRVS - test meeting june 20
 - Collaboration Meeting Plans [page](#)
- CAL energy measurement from last MC production - Philippe
- Energy Profile and Tkr1CoreHC - Johan ([pdf](#))
- [Discussion](#) on data-sets to generate to evaluate systematics induced by discrepancies
- [Meeting Notes](#)

Meeting 46: June 6, 2007

- News
 - LAT Newsletter [issue 4](#)
 - Status [report](#) presented at C&A june 4
 - Two BT talks will be submitted at the Como conference by Bari team - check them out on our [conferences](#) page
- PSF studies ([pdf](#))- Taka
- TkrHits and CalEnergy - Johan [pdf](#)
- Crystals segmentation [1 GeV 10 GeV 100 GeV](#) (Philippe)
- Discussion on MC production
- Low energy tagged photons PSF ([pdf](#)) - Luca
- [Meeting notes](#)

Meeting 45: May 23, 2007

- News
- Update on hadronic models - Johan - [pdf](#)
- Discussion on desired MC production
 - BTR Pipeline Status and proposal procedure - Johan - [pdf](#)
- Meeting [notes](#)

Meeting 44: May 16, 2007

- News
- Problems tuning beam profile for beams with large incoming angle in the CU ([pdf](#)) - David Paneque
- Calorimeter data/MC comparisons with reprocessed data [pdf](#) (Philippe)

Meeting 43: May 9, 2007

- News
 - CU [handed-off](#) to SLAC, follow SLAC operations [here](#)
- G4 Standalone simulation: some TKR results - Carmelo ([pdf](#))
- TKR Hit deficit evaluation after data reprocess - Nicola ([pdf](#))
- More on Data-MC comparisons: Beam profiles and TkrTotalHits in new MC - David Paneque ([pdf](#))
- Update on Bari TKR-digi - Monica ([pdf](#))
- Quick look at reprocessed run 700002024 (0deg, 100GeV)
 - data/MC energy ratio in each layer is unchanged : from 1.2 to 1.0
 - CalTransRMS : data (mean=19.9, rms=1), MC (mean=18.3, rms=1.15)
- Meeting [notes](#)

Status [report](#) : 25 april, 2007

- No meeting 2 may for [ISOC workshop](#)
- Next meeting is 9 may

Meeting 42: April 18, 2007

- News
 - CU Shipment to SLAC [reviewed](#) and accepted yesterday
- Reprocess status and needs
- Time to synchronize BeamtestRelease to GlastRelease?
- Status of TKR digi implementations
- Status on Hadronic Cascades - Johan - [pdf](#)
- Meeting [notes](#)

Meeting 41: April 11, 2007

- News
 - Symposium [paper](#) - final version ready for submission
- G4 standalone simulation, or What is Penelope ? - Johan - [pdf](#)
- Cal position (after bug fix) [pdf](#) (Philippe)
- Reprocess status and needs
- Status of TKR digi implementations [pdf](#) (Monica B. and Nicola)
- Meeting [notes](#)

Meeting 40: April 4, 2007

- Symposium paper [draft](#) - please review before friday
- Discussion of BT milestones [pdf](#) - what should we deliver to the collaboration and when
- LAT tower standalone simulation in G4 - Johan [pdf](#)
- xtalk correction and position measurement with the cal [pdf](#) (Philippe)
- Update on Bari Tkr Digi - [pdf](#) (Monica B. - Nicola)

Meeting 39: March 21, 2007

- News
- Dry run for collaboration meeting [reports](#)
- Symposium paper [draft](#)
- Again on TKR cross-talk measurement ([pdf](#)) (Carmelo)
- Tagged gammas at PS [pdf](#) (Philippe)
- Update on Bari Tkr Digi, [pdf](#) (Monica Brigida)
- Bari Tkr Digi Level 1, [pdf](#) (Nicola)
- 90deg PS protons (Berrie [pdf](#))
- ... 1 year ago workshop I in Pisa and celebrating [Leon](#)

Meeting 38: March 14, 2007

- Status of adjacent crystal cross-talk in CalXtalResponse (Zach)
- Analysis of 90deg electron runs (cont.) [pdf](#) (Philippe)
- ACD Backsplash update, Luis [pdf](#)
- Update on Bari Tkr Digi, Monica
- Study of the Beam divergence in MC runs ([pdf](#)), D.Paneque
- Update on
 - collaboration meeting [reports](#)
 - symposium paper [draft](#)
- Quick look at PS pions (Berrie [pdf](#))

Meeting 37: March 7, 2007

- Announcements/News
- CAL cross-talk analysis [pdf](#) (Johan)
- TKR cross-talk measurement ([pdf](#)) (Luca Baldini)
- TKR Material Review [pdf](#) (Sandro)([spreadsheet](#) for X0 calculation)
- Update on simulation (Francesco)
- Getting better data/MC agreement for beam profiles, [pdf](#) (David)
- Analysis of 90deg electron runs [pdf](#) (Philippe)
- Review of the Bari TKRDigi [pdf](#) (Monica Brigida)
- Symposium proceedings update

Meeting 36: February 28, 2007

- News
 - collaboration meeting [reports](#)
 - symposium paper [draft](#)
- CAL xtalk corrections (Sasha [pdf](#))(Johan)
- New CAL intercalibration analysis [pdf](#) (Philippe)
- Modifications to TKR simulation (Leon ([pdf](#), [ppt](#)), and Xtalk studies [pdf](#) Nicola)
- Preliminary study of CT variables (Carmelo [pdf](#))

Meeting 35: February 21, 2007

- Announcements-news [pdf](#) (Luca)
- CAL status after latest calibration update [pdf](#) (Philippe)
- CAL x-talk correction from ci measurements [pdf](#)(Sasha)
- Geant4 versions test (in particular on MS and shower development) [pdf](#)(Francesco)
 - Detailed comparison [pdf](#) - Nicola-Claudia Monte-Monica Brigida
 - Update of Data-MC comparison with native mcs for 6 GeV/c Protons [pdf](#)
- beamtest06 Geometry Review [pdf](#) (Elena & Francesco)
- TKR strip threshold effect in digitization ([pdf](#) [ppt](#)) (Leon)
- About the TKR masked strips [pdf](#) - Nicola - Monica Brigida
- Update on PSF [pdf](#) - Nicola-Monica Brigida
- Comparison of beam profiles from data and mc ([pdf](#)) David P.
- Again Data-MC beam profile comparison [pdf](#) - Nicola
- SPS pion data/mc/cosmics comparison (Berrie [pdf](#))

Meeting 34 : January 31, 2007

- Discussion of symposium contributions - all
 - Measuring the PSF and the energy resolution with the CU [pdf](#) (Philippe)
 - Particle beam test for the GLAST-LAT calibration [pdf](#) (Nicola)
 - Background Poser [pdf](#) (Johan, Carmelo, Alex, Francesco)
 - GSI poster [draft](#)
- Agenda for SLAC meeting february 9
- Update on PSF - [pdf](#) Nicola-Monica B., Full Brems TW3 0deg MC/Data classes absolute fraction [pdf](#) and relative fractions Classes + hit distribution [pdf](#)
- Update on PSF - [pdf](#) Stefano

Meeting 33 : January 24, 2007

- Status MC and BTRRelease - Francesco
- Update on PSF - Stefano [pdf](#)
- Update on PSF - [pdf](#) Nicola-Monica B., TW3 MC/Data Comparison VtxZ [pdf](#) and Vs. Energy bins [pdf](#)
- Update on PSF - Luca, GLoria [pdf](#)
- New CAL calibration with non-linearity correction - Sasha [pdf](#) [ppt](#)
- again layer energy and GemDeltaEventTime [html](#) (Philippe from last VRVS)
- Status of symposium contributions - all
- Some strange events in MC BT-1356 [ppt](#) [pdf](#)

Meeting 32 : January 17, 2007

- Discussion on analysis status and prospects - all
 - CAL calibrations and non-linearity [pdf](#) (Sasha)
 - TKR digitization algorithm
- [Comments](#) on Berrie's questions from last week (Leon)
- Preparation of symposium contributions - all
- PSF studies [pdf](#), Luca-Gloria
- Angular dispersion in the Tower 2 [pdf](#), Nicola-Monica B.
- Positron Annihilation in MMS [pdf](#) (Emanuele)

Meeting 31 : January 10, 2007

- Fullbrems direction & position at PS [pdf](#) (Tomi)
- Status report from pipeline operations: MC and data reprocess (Francesco)
- Bari analysis update: Summary [pdf](#)
 - EM shower study: Update for the SPS runs [pdf](#) (Nicola)
 - Data-MC discrepancies evaluation in SPS electron runs [pdf](#) (Claudia)
 - Hit Multiplicity in the PS gamma runs [pdf](#) (Monica)
- EM Shower development simulation with Geant3 [pdf](#) and real data [pdf](#) (Nicola)
- again layer energy and GemDeltaEventTime [html](#) (Philippe)
- TKR energy mc/data [pdf](#) (Berrie)
- calorimeter non-linearity [pdf](#) (Sasha)
- Discussion on assignments for GLAST Symposium posters

Meeting 30 : December 20, 2006

- Symposium posters discussion ([abstracts](#))
- [Mass Simulation Runs List Confluence Web Page](#) (Francesco,Pisa)
- Muon calibration check [pdf](#) (Philippe)
- Longitudinal profile at 50 GeV [pdf](#) (Benoit)
- Very prelim CAL mc/data study [pdf](#) (Berrie)
- Beam Test report submitted to CERN on December 16 ([pdf](#))

Meeting 29 : December 13, 2006

- Cluster widths [pdf ppt](#) (Leon)
- Status of simulation [pdf](#)(Francesco), Mass simulation strategy [pdf](#) , Priority list of runs [xls](#), [csv](#)
- Multiple Strips with Protons and Muons ([pdf](#)) Gary
- [Abstracts](#) for the GLAST Symposium
- Proposal for future meetings ([pdf](#), Luca)

Meeting 28 : December 6, 2006

- Preliminary analysis in the GSI run [pdf](#) (Monica) - Carmelo's plot of cluster size from p run ([ppt](#))
- EM shower development in the CU [pdf](#) (Nicola)
- TKR Hits update (Johan) [pdf](#)
- Longitudinal shower profile study [pdf](#) (Philippe)
- Status of mass simulation (Francesco)
- Fullbrems direction & position at PS [pdf](#) (Tomi)

Meeting 27 : November 22, 2006

- Layer energy and GemDeltaEventTime [html](#) (Philippe)
- Muon calibration and muon spectrum [pdf](#) (Philippe)
- Standalone Geant4 simulation and extra X0 [pdf](#) (Philippe)
- GSI report [pdf](#) (Luca)
- CAL results from GSI [pdf](#)(Benoit)
- First look at cluster width in TKR [pdf](#) (Leon)

Meeting 26 : November 8, 2006

- Agenda for BT Workshop 4 - Ecole Polytechnique - 14/15 November 2006 (please send to Luca and Philippe the title of your presentation !)
 - Tuesday (devoted to the actual data/MC discrepancies)
 - tracker related issues (morning)
 - calorimeter related issues (afternoon)
 - Wednesday
 - GSI preparation
 - other analyses
 - what to do next ?
- Analysis of gamma-background produced in MMS by protons [MMS_Alex_110206.pdf](#) (Alex)
- Update on [calorimeter direction](#) (Riccardo)
- Update on Tracker Hits a kind of summary [pdfpdf](#) (Johan)

- [High Rates on the Tracker](#) (Michael)
- GSI test
 - [status](#)
 - [run plan](#)
 - offline status

Meeting 25 : Nov 2, 2006, 9AM PST, Vela

- Status of GSI preparation ([Status](#) , [GSI operations page](#) , Luca)
- Simulation of C signal in the TKR [pdf](#) (Nicola)
- *Quick look at Tkr variables in MC [pdf](#)(Johan)
- [Notes](#)

Meeting 24 : Oct 25, 2006

- Announcements
- TKR Hits at different angles [pdf](#) (Francesco Loparco)
- More on muon width [pdf](#) (Leon)
- Another check on ToTs [pdf](#) (Leon)
- Muons and Tkr hits : [pdf](#) (Johan)
- Calorimeter calibration [pdf](#) (Philippe)
- Cal calibration effects (Berrie [pdf](#))

Meeting 23 : Oct 18, 2006

- Announcements (GSI preparation [pdf](#))
- Tkr variables in PS runs (johan) [pdf](#)
- TKR Hits in electron PS and SPS runs (Caudia Monte) [pdf](#)
- First study of hadronic models from PS p runs (johan) [pdf](#)
- MC updates (Francesco)
- Direction reconstruction from CAL [pdf](#)(Riccardo)
- A quick look at afterglow [pdf](#) (Benoit)

Meeting 22 : Oct 11, 2006

- Announcements
- TKR Hit Multiplicity for high energy electrons [pdf,ppt](#) (Leon)
- TKR Hits - Update (Monica Brigida [ppt](#))
- Data/MC detailed crystals comparison [pdf](#) (Philippe)
- CAL Pedestal drift study [pdf](#) (Sasha)
- positron annihilation [pdf](#) (Gary)

Meeting 21 : Oct 4, 2006

- Announcements (Luca/Philippe)
- TKR FIFO Full analysis (Johan [FIFO Analysis](#))
- TKR Hits and ToT (Monica B. [ppt](#))
- TKR Hit Multiplicity for high energy electrons [pdf,ppt](#) (Leon)
- ACD Calibrations [pdf,ppt](#) (Alex)
- Beam Study - [SPS Table position](#) (Luca B)
- Pion study (Berrie [pdf](#))

Meeting 20 : Sep 27, 2006

- Announcements [ppt](#), [pdf](#) (Luca/Philippe)
- Beam Study - [PS beam](#), [PS Table Position](#) (Luca B)
- PS reprocessing update and MC developments discussion [pdf](#) (Francesco)
- CAL calibrations [pdf](#) (Philippe)
- CAL Pedestal Drift [ppt pdf](#) (Sasha)
- MOVED TO NEXT WEEK:
 - TKR FIFO Full analysis;
 - TKR Hits and ToT (Monica B)
 - TKR Hit Multiplicity for high energy electrons (Leon)

Meeting 19 : Sep 12, 2006

- Status Report [pdf](#) (Benoit)
- A second look at high-energy electron runs [pdf](#) (Leon)
- Short update on autorange study at PS [ppt](#) (Tomi)

- CAL_HE Trigger efficiency study at SPS [ppt pdf](#) (Niklas)
- quick look at SPS runs [pdf](#) (Philippe)

Meeting 18 : Aug 22, 2006

- Status Report [pdf](#) (Benoit)
- A first look at proton runs [pdf ppt](#) (S Funk)
- PSF studies report [pdf](#) (Perugia)
- A look at PSF [pdf](#) (D Paneque)
- Dt dependency of MIP peaks [pdf](#) (Berrie)

Meeting 17 : Aug 15, 2006

- Status report [pdf](#)(Luca)
- PSF and related studies [pdf](#) (Claudia)
- Energy reconstruction studies [pdf](#) (Philippe)
- Albedo runs and ACD cuts (Eric)
- Positron runs (Philippe)

Meeting 16 : Aug 8, 2006

- Beam Test Confluence [page](#) , [GetBTData](#) (under improvement now)
- A quick tour of Confluence for those doing data analysis ([ppt](#)) : Eduardo
- Status ([pdf](#))- Benoit/Eduardo/Luca
- Calorimeter autorange study ([ppt](#)) - Tomi/Jan
- Modified trigger to reject pile-up ([ppt](#))- Eduardo/Gary
- beam test bresm ([ppt](#)) - Gary

Meeting 15 : Aug 1, 2006

- Beam Test Confluence [page](#) , [GetBTData](#) (under improvement now)
- Announcements ([ppt](#)) ([pdf](#))- Benoit/Eduardo/Luca
- Trigger [How To Set it up](#) - Luca/Nicola
- Geometry measurements - Tomi/Eduardo/Alex ([ppt](#))
- Timing of CAL, TKR and ACD ([ppt](#)) - Eduardo
- Quicklook at data vs Monte Carlo + light yield asymmetry - Tomi/Jan ([ppt](#))
- Quick look at first PS data set- Philippe ([pdf](#))
- AOB

Meeting 14 : July 18, 2006

- Announcements
- [Update on TKR alignment](#) - Michael
- [Update on ancillary data and rcReport.out](#) - Pisa
- [Pipeline Documentation](#) Warren/Eduardo
- Update on Pipeline - Francesco
- Update on IO/LDF converter - Heather
- Update on ACD recon/BT tuple - Francesco
- [Update on CAL Calibrations](#) - Fred?
- [Muon peaks in the CU data](#) - David/Eduardo
- [Scanning around cracks](#) - Philippe

Meeting 13 : June 20, 2006

- Announcements
- [Preparations for data analysis](#) - Eduardo/Benoit/Luca
- [Backsplash Studies](#) - Tyrel/Luis/Steve
- [Update on tagger performance](#) - Sandro/Luca
- [Update on BT Tuple](#) - Johann
- Update on digi/recon/calib - Leon
- Update on Socket Gleam - Heather
- [Update on pipeline](#) - Warren
- [Update on MC simulations](#) - Richard
- AOB

Meeting 12 : June 13, 2006

- Announcements
- Status in Pisa (pdf) (ppt)- Luca
- Pisa Workshop Jun 28-30 (html)- Luca
- New confluence pages - Thanks Richard !
- Offline monitoring for data analysis -(pdf) (ppt) Claudia
- ACD Blanket background (pdf) - Alex
- Positron set-up - (ppt) (pdf) - Stefan/Benoit

Meeting 11 : June 6, 2006

- Announcements (html)- Benoit
- Pisa Workshop Jun 28-30 (html)- Luca
- PS positron simulations (ppt) (pdf) - Stefan
- Calibration Strategy and Performance of the Tagger (ppt) (pdf)- Sandro

Meeting 10 : May 2, 2006

- Schedule and Activities in Pisa (ppt) (pdf) - Luca
- Beam Conditions and Planning (pdf) - Benoit
- Preliminary Look at MC runs (ppt) (pdf)- Stefan
- Status of Hardware Delivery from SLAC (ppt) (pdf) - Eduardo
- Shift list for beam test
- Safety guide from CERN (thanks Berrie!)

Meeting 9 : Apr 18, 2006

- Status of Hardware Delivery (pdf) (ppt) - Eduardo
- Status of Simulations (pdf) () - Francesco

Meeting 8 : Apr 11, 2006

- Pisa Workshop May 15 -17
- Announcements (pdf) (ppt) - Luca
- Status of Mass Simulations (pdf)- Francesco
- Windows guide for visualization of simulations (from Riccardo)
- PS Tagged Gamma Energy Reconstruction (pdf) - Philippe

Meeting 7 : Apr 4, 2006

- CU MGSE (pdf) (ppt)- Luca
- Simulations of Tagged Gammas (pdf)- Benoit
- PS Experimental Set-up: some thoughts (pdf) (ppt) - Gary
- Geometrical Constraints to the PS Experimental Set-up (pdf) - Nicola

Meeting 6 : Feb 21, 2006

- Beam Test Workshop - Mar 20-21, 2006
- Announcements (pdf) - Benoit
- Beam Positioning Table (pdf) - Philippe/Oscar
- Activities in Italy (ppt) (pdf)- Francesco
- PSF Studies (pdf) - Stefano

Meeting 5 : Jan 24, 2006

- Announcements (pdf) - Eduardo
- Report on online activities in Italy (pdf) (ppt)- Luca Baldini
- Elements of beam Test Plan (pdf) - Benoit
- Report on offline activities in Italy (pdf)- Francesco

Meeting 4 : Jan 10, 2006

- Announcements
- Report on software activities (pdf) - Francesco
- Particle identification at H4 (pdf) - Nicola

Meeting 3 : Dec 6, 2006

- Introduction (pdf) (ppt) - Luca
- Software Status (pdf) - Leon
- French Smorgasbord (pdf) - Benoit

- Geant4 Validation (pdf) - Francesco
- Particle Identification (pdf) (ppt)- Nicola

Meeting 2 : Nov 22, 2006

- Introduction (pdf) - Benoit
- Studies of Backsplash for the Calibration Unit (pdf) - Philippe

Meeting 1 : Nov 8, 2006

- Introduction (pdf) (ppt) - Eduardo
- Availability of ACD Hardware (pdf) (ppt)- Alex
- Preliminary List of Tasks (pdf) (ppt) - Luca Latronico