Updates and issues at recent Monte Carlo productions

L. Weuste
Max Planck Institut für Physik
Excellence Cluster „Universe"
München

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Calorimeter for ILC

Excellence Cluster |Universe

Monte Carlo production

Setup on NAF @ DESY

— Scripts for autogenerating of steering files, submission, checking & upload to grid

— Software:

  — CALICE: using tarball from /grid/calice/software/calice-vXX-YY.tgz

    — corresponding ILCSoft: using tarball from /grid/calice/software/ilcsoft-vXX-YY.tgz

  — Mokka/Geant4:

    — Available @ ILCSoft, but most often to old → own installation

    — Installation of CLHEP & Geant4 by hand

    — Mokka: Using ilcinstall (to get dependencies of Mokka right)

Recent problems @ MC Production

- ILCInstall of Mokka did not create environment shell script at expected position
  - 5 MC Productions tried to source script, but was not available
  - However, Mokka binary was available in the ILCSoft tar ball (but wrong version)
  - ➡ No error raised, silently used wrong Mokka
- Affected requests:
  - Nils: e-/pi- FermiLab, 2-30 GeV, w/o ECal, 2x10kevts
  - Katja/Marina: pi-/pi+, Cern, 10-80 GeV, 2x150kevts
  - Katja/Marina: mu-, Cern, 10 GeV, 100kevts
- Affected Version:
  - request: Geant4.9.3.p02 and Mokka v07-06
  - used: Geant4.9.2 with Mokka v07-02 (Nils) and Mokka v07-04 (Katja/Marina)

Consequences

Added check if environment script is really is available

Marked requests corrispondigly @ TWiki

Reprocessing:

- Will redo Nils request when I have time

- Katja/Marina: Will be replaced by complete new request with newer software
  (Mokka v07-06p02 / Geant4.9.4p02)
  (CALICE v04-01 / ILCSoft v01-09)

  - Does anyone need the old request?
    (Mokka v07-06 / Geant4.9.3p02)
    (CALICE v04-01 / ILCSoft v01-09)