

MC Production Status

Toronto Bigmac: down last weekend due to Condor DOS attack

```
##
ttopl1  5.3.3 Herwig_ttbar_inclusive_mt175  2M CPU@Toronto InDFC 2005.11.03
ttopk1  5.3.3 Pythia_ttbar_inclusive_mt175  2M CPU@Toronto InDFC 2005.10.31
## Complete

##
jqcdaj  5.3.3 Pythia Pho45 (modified remake of jqcdfh) 1M CPU@Toronto InDFC 2005.10.31
## Complete

...
##
ttopn1  Pythia FSR more 1M  CPU Toronto InDFC 2005.11.03
ttopol  Pythia FSR less 1M  CPU Toronto InDFC 2005.11.03
ttoppl  Pythia mt=155 0.5M  CPU Toronto InDFC 2005.11.03
ttopql  Pythia mt=195 0.5M  CPU Toronto running/transferring (ready 11.04?)
## Completion expected 2005.11.04?

##
6.1.2pre3 Z->mumu CMX-geom validation  0.5M
## (expected on fcdpdata004 2005.11.04)

##
SL/RH common-HEPG validation samples
##

## Requested 2005.11.02
sexoat 5.3.4 Pythia DY Z+g filter 20M  (Else on dCAFs)
##
```

Samples status: http://www-cdf.fnal.gov/internal/mcProduction/Priority_2005_Winter.txt

Next Week: Meeting with Beate and physics conveners to refine list of future sample requests

MC Production Items

- **V6 Tarball**
 - Pasha: Size reductions, much cleaning up of scripts, checked into repository
 - Moving towards standalone configuration (Goal: independent of releases available at dCAFs)
 - Immediate intensive testing needed (Hugo Beauchemin, Physics-Group MC representatives)
- **Disk space issues on fcdldata004/005 have eased**
 - Inventory made
 - Today: fcdldata004 (93%); fcdldata005 (42%)
 - Cleanup is ongoing; proper use of concat-on-the-fly and remote disk buffers should prevent this in future
- **Privileged MCprod queues/groups are being set up on dCAFs**
 - Bologna CNAF and the Toronto TORCAF are the first
 - Privileged users have been added to MCprod group on CNAF and TORCAF (Daniel has tested both)
 - GlideCAF at Toronto: discussions underway; CondorCAF reconfiguration to give extra CPU to MCprod
- **Setup of disk buffer for transfer of MC from Toronto to DFC**
 - Leslie Groer and Daniel Whiteson are establishing the protocol to use
 - Initial scp tests unsuccessful; looking into setting up fcp server at Toronto
- **Migration to SAM upload for MC production**
 - First meeting with SAM DH group yesterday
 - Plan: slice test using a test dataset from Toronto to FNAL (Daniel & Leslie) (requires installation of SAM_upload client at Toronto and help from DH group)
 - Test dataset ID “mctest” was created by Dehong Zhang

mcProduction Package Tasks

(from Pasha's recent work)

- High Priority: testing of mcProduction, towards 6.1.3 tarball
- Need a consistent, non-hardcoded mechanism to communicate the same user-specified calibration pass to cdfSim, Production, and TRGSim++ (include in dataset definition)
- Check that TOF talk-to's are up-to-date
- Check COT hit resolution scale used
- Run track-to-OBSP matching utility in mcProduction by default?