

-- EvanWolfe - 16 Jun 2014

My Links

▣ SUSY Links ▣ SUSY Links

ggNtuplizer Twiki: <https://twiki.cern.ch/twiki/bin/viewauth/CMS/GgNtuplizer>

Sample NTuple Reader: <http://root.cern.ch/root/roottalk/roottalk01/1401.html>

SUSY PAG Reference Analyses: <https://twiki.cern.ch/twiki/bin/viewauth/CMS/SusyPagReferenceAnalyses>

SUSY Photon Samples: <https://twiki.cern.ch/twiki/bin/viewauth/CMS/SUSYPhotonSamples>

Computing, Software, and Analysis Challenge 2014 (CSA14):

https://twiki.cern.ch/twiki/bin/viewauth/CMS/CSA14#CSA_Simulated_Event_Samples

SUSY Analyzer

- RunAnalyzer.C
 - ◆ EventTree.C
 - ◇ Analysis.root

Looping Over NTuples

```
root -l yourNtupleFile.root
```

```
root [0] ggNtuplizer.cd()
```

```
root [1] .ls <--*should show your event tree*
```

```
root [2] EventTree->MakeClass() <--*Now the files EventTree.C and EventTree.h will appear in your directory*
```

How to compile ggNtuplizer and which tag to be used (link to CVS web)

(dev) Working with CMSSW_7_0_6_patch3 (updated on 11/Sep/2014)

▣ additional packages ▣ additional packages

```
source /cvmfs/cms.cern.ch/cmsset_default.csh (at cmslpc)
cmsrel CMSSW_7_0_6_patch3
cd CMSSW_7_0_6_patch3/src/
cmsenv
```

```
git cms-addpkg PhysicsTools/PatAlgos
git cms-addpkg RecoJets/JetProducers
git clone -b V07-00-06-00 https://github.com/cmkuo/RecoEgamma.git
git cms-merge-topic 4330
git clone https://github.com/cmkuo/HiggsAnalysis.git
git clone https://github.com/cmkuo/ggAnalysis.git
mv ggAnalysis/ggNtuplizer/plugins/NjettinessAdder.cc RecoJets/JetProducers/plugins/
scramv1 b -j 10
cmsRun ggAnalysis/ggNtuplizer/test/run_mc_70X.py
```

This topic: Sandbox > SUSY

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