

Some Information

Ketevi A. Assamagan

Useful Information

- You should subscribe yourself to these mailing lists
- ATLAS Physics Analysis Tools:
 - atlas-phys-analysis-tools@cern.ch
 - www.usatlas.bnl.gov/PAT/
- ATLAS Physics Validation:
 - [http://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/SOFT VALID/soft_valid.html](http://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/SOFT_VALID/soft_valid.html)
 - Atlas-phys-validation@cern.ch
- Reconstruction:
 - <http://atlas.web.cern.ch/Atlas/GROUPS/SOFTWARE/OO/domains/Reconstruction/>

Useful Information

- You should read or at least know about these documents
 - Reconstruction Task Force [Report](#)
 - ESD/AOD Definition Task Force [Report](#)

Tutorial Objectives

- The ATLAS Reconstruction software
- ESD and AOD production
- ROOT analysis on Reconstruction output (NTuple)
- Analysis on ESD and AOD
- Interactive Analysis
- Available tools and how to use them
- How to get help

The Agenda

- Exercise 0: how to set up CMT
- Exercise 1:
 - Reconstruction
 - ESD/AOD production
 - User Analysis algorithms
- Talks:
 - DC2 and Tier1 - H. Ma
 - Overview of the ATLAS software - K. Assamagan
- Exercise 2: AOD reconstruction of di-jet events
- Exercise 3: the Analysis Examples
- Exercise 4: how to patch a release if it does not work for you "out of the box"
- Exercise 5: Interactive analysis
- Exercise 6: More on analysis tools
 - The TrackParticle
 - The CompositeParticle
 - Navigation
 - Back navigation