

ADC Workshop in Napoli 2-4 February 2011

Agenda: <http://indico.cern.ch/conferenceDisplay.py?confId=111538>

Points for Discussion (some first ideas):

1. Resource usage
  - What would happen if we run at 200, 400 or 600 Hz trigger rates?
  - What would happen if we run in 2011 AND 2012?
  - What would happen if the LHC machine delivers much more Luminosity?
  - What to do about running at a third energy?
2. Data Model
  - The impact of caching on our resources
  - How big must a cache be? Turn-over time, Re-use
  - D2PD at all levels Across clouds T2 Network
  - Merging Space tokens
  - Usage of tapes
3. Data Distribution
  - Architecture
  - Central Catalogue
  - Monitoring and accounting
  - Merging Space Tokens
  - Space for Groups, User Spaces
  - Caches, Popularity, Deletion
  - Catalogs or not, Data discovery
4. Storage solutions
  - Global name space
  - What to do for T3s?
  - Xrootd re-director
5. Computing Model
  - Role of T0, More Processing on the grid
  - Role of CERN?
  - Role of commercial clouds Other opportunistic resources
  - Analysis centers T3s
6. Production System
  - Architecture
  - User interface
  - Db schema
  - Pilots
  - Monitoring
7. Analysis
  - Group / User Analysis

- Job submission backend
- Ganga/pAthena frontend
- Monitoring

8. Monitoring and accounting

- Graphics technology choice
- Messaging
- Accounting portal

9. Databases

- Meta data architecture
- Conditions
- LFC, Central Catalog
- TFC and other database technologies