Update from the DataGrid Workshop: WP8 - applications

Oxana Smirnova
Overview

- NorduGrid project: presented at the WP8 parallel meeting
  - To seek a formal cooperation with DataGrid
- Otherwise, no physics applications discussed
  - Earth observation: ESA, ozone hole etc.
  - Biology: MRI at Helsinki, genomic in Uppsala etc.
- Many things are connected to test-bed implementations, but little interference between WP6 and WP8 (so far)
- Main issue of the meetings: user requirements to the Architecture Task Force
User requirements

- Define common services for physics and other sciences (WP8-10)
  - More differences than similarities: data unit size, processing times, read/write databases, commercial issues, encryption, usage of UML etc

- Strong opinion on authorization and certification:
  - A certificate should be enough to execute a job anywhere/access database
  - “anonymous” certificates for group use
**Bottom line**

- NorduGrid will be a part of WP6 (test-bed) and WP8 (applications)
- Time-scale is different: we may not have time to test DataGrid tools
  - There are also GryPhIn and PPDG projects in USA, yet longer project runs
- Execution of applications to start a.s.a.p. (NOW!)