



Activities planning

Computing steering group
November 5th 2012

Armando Fella

Task-people schema I

- **Work planning, design, human resource**
 - A.Fella, E.Luppi, L.Tomassetti
- **Distributed tools**
 - Nagios di VO
 - A.Paolini(5%), A.Fella
 - Production system
 - A.Fella, L.Tomassetti(5%), C.Desantis(10%), A.Mesin(laureando triennale)
 - DB management
 - C.Desantis, A.Fella, L.Tomassetti(5%)
 - Analysis framework development, Ganga
 - A.Galvani (stand-by, laureando triennale Ferrara, from 5 Nov 2012, TBC), A.Fella
 - Distributed resource management: contact, setup, troubleshooting, OSG interface
 - A.Fella
 - Dirac setup, development
 - B.Santeramo (100%), A.Fella, Milosz Zdybal(20%), Rafal Grzymkowski(20%), Marcin Chrzasz(20%)
- PhEDEx evaluation (stand-by 2013 1q)
 - A.Fella

Task-people schema II

- **CNAF service and resource management**
 - P.Franchini, A.Fella
- **Distributed storage**
 - Storage system evaluation: EOS (stand-by), HadoopFS, Gluster, NFS4(stand-by)
 - G.Donvito (HadoopFS), S.Pardi (Gluster)
 - Distributed Tier1 modeling (stand-by)
 - G.Donvito, S.Pardi, A.Fella
 - Data Model definition (stand-by)
 - A.Fella, G.Donvito, S.Pardi, C.Grandi (out since ~May 2012)
 - I/O library development
 - D.Diacono(10%), G.Donvito, A.Fella
 - WAN data access test
 - P.Franchini, A.Fella, G.Donvito, E.Manoni(5%)
 - Mass data transfer, File catalog next generation, WLCG work evolution (follow the development process)
 - A.Fella, G.Donvito
- **PON, ReCaS:** S.Pardi, Napoli, G.Donvito, D.Diacono, Bari

General notes

- **Most of the involved people have overlap in tasks and work domains**
- **During the last 3/4 months people involved in IGI project decrease the SuperB dedicated available time. IGI related duties encreased.**
- **Production system related tasks:**
 - **C.Desantis, A.Mesin need time to familiarize with the code**
- **Distributed analysis system:**
 - **During the next few days we will define the remain time can be dedicated by the main developer (A.Galvani).**
 - **Laurea session in December --> zero days**
 - **Laurea in March --> two months**
- **In general the participation in computing groups decreased, attendance to the meetings diminished**

Priority work plan proposal

- **Production system webui related task**
 - FullSim upgrade
 - Bug fixing
- **Distributed analysis related works**
 - Bug fixing
 - Testing phase
- **Dirac, SP use case**
- **Mass data transfer system: prototype adjustment (FTS2) or FTS3 or PhEDEx adoption**
- **Distributed storage system evaluation**
 - HadoopFS, gLuster
- **WAN data access and libIO development**
- **Distributed Tier1 modeling**

Work plan

- **Distributed resources**
 - Complete the few on going enabling processes ([December](#))
 - OSG integration process: start CVMFS setup, GlideinWMS setup evaluation ([December](#))
- **Simulation production use case**
 - Complete the bug fixing and usability issues updates on WebUI ([December](#))
 - WebUI upgrade to include new FullSim generator use case ([December](#))
 - Dirac SP use case: deployment of beta release ([January](#))
- **Distributed analysis use case**
 - Apply the bug fixing of priority ([TBD](#))
- **CVMFS deployment**
 - Start the CVMFS setup campaign on EGI distributed environment ([1q 2013](#))
- **CNAF related works** ([within 2012](#)):
 - Service setup/upgrade on new HW (Dirac service, SP Head node, DB clustering)
 - EMI2 WN validation test ([Done](#))
- **Grid monitoring service**
 - Add new SuperB probes and complete the enabling process ([Done](#))