

Distributed computing plan for Elba meeting

CSG meeting April 14 2010

Armando Fella

People

- Fella Armando, Luppi Eleonora, Tomassetti Luca
+
- **Manzoli Matteo:** on 19th April a new graduate student will join the distributed computing group

To do list for July prod (I)

- **Production tool services:**
 - Automatic submission tool design and development
 - Production shift group organization and training
 - VOMS based authentication development
 - Production requirements definition Prod Suite integration
 - Monitor setup for user utilization
 - Production suite upgrade
 - Rewriting of job code
 - Automatic site preparation procedure development
 - Sim data structure and SBK upgrade
 - Data quality check integration

* The underlined task can be completed by Elba meeting

To do list for July prod (II)

- **CNAF services upgrade:**
 - Adding gpfs storage server in front of superb disk space
 - Adding a front-end machine:
 - hosting the production web monitor
 - grid submission point (User Interface)
 - Home NFS server machine substitution
 - Move from SL4 to SL5 the front-end machines and the WN VM
 - Adding superb-grid queue, testing grid job functionalities
 - Upgrade mysql service architecture --> master - slave
 - BaBar - SuperB account separation

* The underlined task can be completed by Elba meeting

To do list for July prod (III)

- **Grid related upgrade:**

- superbvo.org VO Grid infrastructure integration:
- Monitor: full dash board functionality, other
- Service Availability: SAM
- Ticketing system: GGUS
- Accounting: EGEE/OSG/ARCH accounting portal

- ➔ site setup

- Enable new grid flavor ARC
- RAL T1, Napoli T2, Manchester, Victoria, Catania, Perugia, Cagliari, Torino, Edinburgh, McGill

* The underlined task can be completed by Elba meeting