AGATA DAQ EVO meeting   February 27th, 2012

Presents : D. Bazzacco,N. Dosme, L. Guevara, A. Korichi, E. Legay, S. Pietri, H. Schaffner, O. Stezowski
Apologies : Y. Aubert, X. Grave

The agenda : General status of the DAQ at GSI

Henning reported on the infrastructure progress on site : UPS are now connected to computers, network connections also done but we still have to make the final connections with the final cables.

Nicolas, reported on the disk storage failure that happened (february 22nd) due to repeated power supply failures. Following that, 2 units are in fault status and hence 5 virtual units (out of the 45 as used by GPFS) are inaccessible at the moment. The access to data is then impossible
At the moment, the GPFS service could be restarted at the expense of losing all data on the disks and 20 TBytes of available space.
It was suggested that we should use spare disks in the future in order to achieve better data resilience.

Dino summarized the status from week8 . One ACQ chain was tested from the hardware to Narval.
It was mentioned that the new network policy (connection from outside to inside) make things complex and difficult to cope with, in particular when some home directories were lost.
Nevertheless, it was stated that the news HP machines are better and as a result, the LINCO test is fine.
A basic chain is working with standalone program as Damiano runs his slow control package.
However, it seems that the acquisition with Narval was complicated and the new implemented version (1.14) did not work.
Note that the idea was to start at GSI in the same conditions as at LNL
Note that this version has already been successfully tested and there might be a small problem with the configuration on site.

For the future, the Run Control is still an issue. This task was performed in Italy and the key person (P. Molini) left LNL .
We also have several things to be tested such as the GTS and the trigger

Status of the beam schedule has been discussed. It was agreed that starting the commissioning end of April is tight.
In addition, there is a completely new analysis software for the FRS which needs to be tested.

Olivier made a short summary of the Gammaware status at GSI. The package is ready and running on his own machine and update at GSI will be made soon.
From the discussion between Olivier and Dino, we learned there are some difficulties to run the old stuff with the new libraries. The neutron damage correction needs modification of the farm and same problem with the post-PSA procedure.