Minutes of the LIM meeting, June 1, 2006

Present: Florence Ranjard (LHCb), Emil Obreshkov (ATLAS), Stefano Argiro (CMS), Andreas Pfeiffer (SPI)

Apologies: Vasily Kabachenko (ATLAS), David Quarrie (ATLAS),

Actions:

The configurations LCG_43a and LCG_44 were released on May 22.

It is planned that the LCG_44 configuration will be ported to the new SLC4 platforms: slc4_ia32_gcc345 and slc4_amd64_gcc345.

The main changes for LCG_43b are bug fix releases for CORAL (1.4.3), POOL (2.4.2) and COOL (1.3.2).

For the LCG_44 configuration, a new version of root (5.11.02) and lfc (1.5.7) were introduced in the externals. In addition, LCG_44 features bug fix releases for RELAX (1.1.1) and a bug-fix (plus adaption to lfc 1.5.7) for POOL (2.4.3) and a rebuild-release of COOL (1.3.2a) (the same code-base as for 1.3.2).

LCG_44 is the first configuration which has been built for the SLC4 platforms (ia32, amd64 with the (native) gcc 3.4.5 compiler) in addition to the previous platforms.

A new configuration (LCG_45) is in preparation, apart from some updates in version numbers (see https://twiki.cern.ch/twiki/bin/view/SPI/ProposedConfigChanges45) for the first time Castor (version 2.1.0.0) has been introduced into the LCG AA AFS externals. The future versions of root will be build against this installation (and future versions as needed).

New issues:

A bug in root affects the CMS framework, this is expected to be fixed in root version 5.11.06 which will (once out) be integrated into LCG_45.

LHCb asks about the availability of CERNLIB 2005 for SLC4 and AMD64 platforms. The libraries were build successfully, however, there is a problem with KUIP which is needed by the executables (e.g. PAW) which is presently under investigation.

Next meeting: June 15, 2006, 11:00.

Action items:

new and outstanding:

* gccxml-config to report the patch level
* create "LCGAA" pseudo-package for lcg-installation-manager.py to download the binaries of a related set of releases in one go.