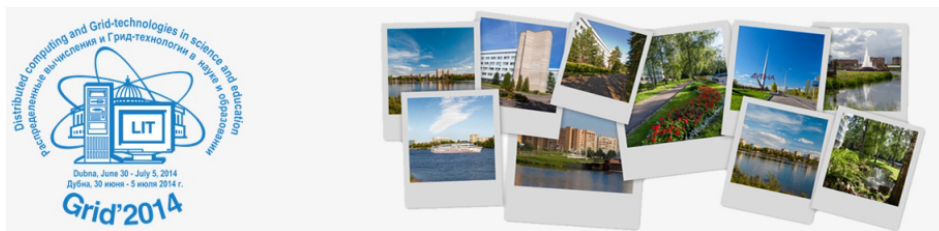


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Activities and perspectives at Armenian Grid site

Tuesday, 1 July 2014 16:30 (20 minutes)

Armenian Tier-3 (AM-04-YERPHI) site at A. Alikhanyan National Laboratory (AANL) provides the computing and storage resources that allow to deal with the data produced by LHC (Large Hadron Collider). The use of Grid technologies facilitates an implementation of the distributed model for production and user analysis jobs, enables efficient use of the computing and storage resources by the various virtual organizations such as ATLAS, ALICE and ARMGRID.GRID.AM.

The AANL site was upgraded to EMI3 in December last year. Many configuration problems that were found during the commissioning either got fixed or were provided with workaround procedures. But problems with the network still need further investigations. PerfSONAR (Performance Service Oriented Network monitoring Architecture) installation will give an opportunity to analyze and if possible to solve end-to-end performance problems. The contribution will give an introduction of the site and its network system. We will present the problems during commissioning, the current status and future plans that allow to optimize efficiency of the transfers and improve overall reliability of the site.

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