

# **Status of Grid Computing Activities in Pakistan**

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NCP-LCG2 is the only operational grid node in Pakistan and has been a partner of WLCG project since 2003. In the last year, NCP has ramped up to 524 CPU's cores and 70 TB of Disk storage capacities connected with 155 Mbps of WAN link. Based on collaboration with CMS experiment we have deployed PhEDEX data transfer utility to fetch the LHC data for the purpose of Physics Analysis for the Experimental High Energy Physicists in Pakistan. Until now we have three commissioned links with different Tier-1s, whereas testing and commissioning of further links with other Tier1s is in progress. In 2009, after the merger of another Pakistani grid node PAKGRID-LCG2 with NCP-LCG2 site, now the site is also going to collaborate with the ALICE experiment. In order to support ALICE VO, a separate VOBOX and dedicated storage Xrootd of 6TB has been set up. Also, offline Alice Environment (AliEn) is also deployed. Necessary tools for Alice offline Environment like Pythia, GEANT-3, GEANT-4, FLUKA and AliRoot have been deployed.

This Presentation will provide performance statistics of NCP-LCG2 site and future plans in the light of increasing demands of grid computing in R&D.