

High Energy Physics related GRID Activity in India

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The extraction of results from the LHC experiments will present a number of challenges in terms of computing, due to the unprecedented complexity and rates of the data, the length of time of the programme and the large (Presently 1800 Physicists, 150 Institutes, 32 Countries) geographically distributed scientific communities that will coherently need to operate on these data. The required computational performance is supported through world wide LHC Computing Grid (WLCG). The progress and status of setting up WLCG networking and computing in India will be described with main emphasis on the High Energy Physics related activity. Status of Tier-2 centers for participation in the ALICE and CMS experiments at the LHC at CERN will be presented. The role of the EU-India GRID project which uses network structure of WLCG in India will be mentioned as well as the desirability of establishing a connection of the Gbps Indian link to Taiwan, which is the closest Tier-1 center.