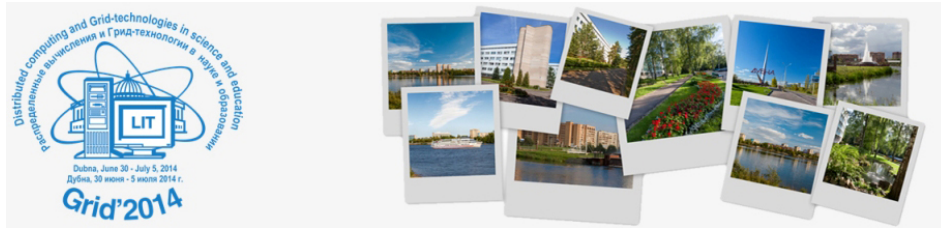


# The 6th International Conference "Distributed Computing and Grid-technologies in Science and Education"



Contribution ID: 108

Type: **not specified**

## IHEP Tier-2 Computing Centre evolution

*Wednesday, 2 July 2014 11:50 (20 minutes)*

RU-Protvino-IHEP site is the one of three biggest WLCG Tier-2 centers in Russia. The computing infrastructure serves for big four high energy physics experiments such as Atlas, Alice, CMS, LHCb. After a few years of regular investments into the center computing hardware, network infrastructure, cooling and electrical infrastructure IHEP becomes very powerful and reliable site. In 2013 new computing resources were put into operation. The computing power of the cluster was enlarged 2.8 times and the total capacity of the disk space was increased by 2.3 times. In this presentation the evolution of the computing center capacities and networking will be shown as well as its contribution to the collaboration experiments.

**Primary author:** Dr GUSEV, Victor (Institute for High Energy Physics)

**Co-authors:** Mr SAVIN, Nikolay (Institute for High Energy Physics); Mr KOTLYAR, Victor (Institute for High Energy Physics); Mr KUKHTENKOV, Vladimir (Institute for High Energy Physics)

**Presenter:** Dr GUSEV, Victor (Institute for High Energy Physics)

**Session Classification:** Plenary

**Track Classification:** Section 8 - Optimization problems and distributed computing