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



Contribution ID: 65 Type: sectional reports

## Computational task tracking complex in the scientific project informational support system

Tuesday, 1 July 2014 17:50 (20 minutes)

This work describes the idea of the system of informational support for the scientific projects and the development of computational task tracking complex. Due to large requirements for computational experiments the problem of presentation of the information about HPC tasks becomes one of the most important. Nonstandard usage of the service desk system as a basis of the computational task tracking and support system can be the solution of this problem. Particular attention is paid to the analysis and the satisfaction of the conflicting requirements to the task tracking complex from the different user groups. Besides the web service kit used for the integration of the task tracking complex and the datacenter environment is considered. This service kit became the main interconnect between the parts of the scientific project support system and also this kit allows to reconfigure the whole system quickly and safely.

**Primary authors:** Mr GANKEVICH, Ivan (Saint Petersburg State University); Mr YUZHANIN, Nikolai (Saint Petersburg State University); Mr ZOLOTAREV, Valery (Saint Petersburg State University); Mr TIPIKIN, Yury (Saint Petersburg State University)

**Presenter:** Mr YUZHANIN, Nikolai (Saint Petersburg State University)

**Session Classification:** Section 1 - Technologies, architectures, models, methods and experiences of building distributed computing systems. Consolidation and integration of distributed resources

**Track Classification:** Section 6 - Distributed computing in education as well as aspects of staff training