



Contribution ID: 165

Type: Poster

## **LitGrid as NGI - a long term research, service and infrastructure program**

### **Project(s) or EGEE activity presenting the demo or poster (project or activity names only)**

BalticGrid-II project

### **Special requirements other than the set up mentioned in the CfA text.**

Poster will have A0 format and will require a flat vertical surface to be posted.

### **Abstract**

LitGrid program is financed by the Lithuanian State and exposes all the features of NGI. It embodies 13 partners – most active universities and research institutions. The infrastructure includes more than 490 CPUs, 40 TB, communication network uses NREN. Applications cover computing needs at national level (Baltic Sea ecosystem modeling, engineering tasks framework, nano particles research, biomedicine and imaging, research in linguistics), as well as effectively support cooperation of scientists at international level (like ITER, Astrophysics, TextGrid projects, COST, BOOS programs, etc.). LitGrid is well integrated with infrastructure of Baltic States, Sweden and Poland (BG-II project: BG-CA, WMS and RB services, information system, others). Special attention and support is given to cooperation with Belarus: development and sharing of infrastructure and applications. The future transition of LitGrid to EGI infrastructure will be presented.

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