

# WLCG GridKa+T2s Workshop

## Site Report

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Worldwide LHC Computing Grid  
Distributed Production Environment for Physics data Processing

# PCSS POZNAŃ

PCSS - Poznań Supercomputing and Networking Center  
Operation center for polish academic network PIONIER

Non LCG: magic, compchem, voce, geant4, balticgrid  
Active in European and Global Grid Forum + national project

LCG/EGEE: Alice (Atlas, CMS)  
Manpower: 0.5 FTEs

Member of Polish Federated Tier2 in LCG  
Partnership with FZK T1

# POZNAŃ Tier2

Poznań LCG Cluster: 2005/2006

Dedicated storage element, a farm of worker nodes, one CE.  
20 IA64 machines running 2.4 kernels.

CE: Use of Maui scheduler + Torque resource manager  
OS: SLC 3 Middleware: gLite3

Storage: Disk space exported via FC from SATA and SCSI disks  
Currently 2 SE (1TB and 50GB) with SRM access via DPM software  
1 TB is on a dedicated Tier2 network. The second is on a standard external network available for ATLAS and ALICE organizations.

Services for ALICE: they are finishing configuration and tests of ALICE software.  
They are now only waiting for experiment to confirm that the services are working as expected. Clarification of several technical issues is needed.

# POZNAŃ Tier2

## Planned resources for LCG startup in 2007:

- CPU (kSI2000): 200
- Disk (TB): 50TB
- External Network Connection : 2 Gbps

## Upgrade plans 2006/2007

- New dedicated 1GE link from Poznan-FZK Karlsruhe is under construction.
- Hardware purchase plans: 50 new 4-core nodes a part of them will be assigned to WLCG i EGEE
- Storage purchases based on SATA disks