

# **Zeuthen Cluster User Meeting**

**Monday 21 March 2011 - Monday 21 March 2011**

**DESY**

## **Scientific Programme**

Numerical simulations which require high-performance computing facilities play an important role for several research communities at DESY, namely lattice QCD, theoretical astro-particle physics, accelerator research, photon science.

At the Zeuthen site massively-parallel computers have been made available since the early 90s. Most recently a 1152-core PC-cluster has been installed.

The planned workshop has the following goals:

Obtain a better understanding of the most important applications and its computational requirements.

Discuss the status and options for further enhancement of the HPC infrastructure in Zeuthen.

Discuss new models for supporting the relevant research communities.