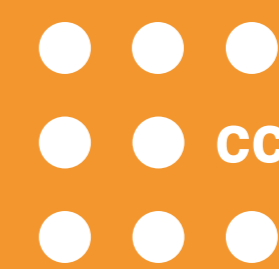


Black Forest Grid



computer center
university of freiburg

5th Black Forest Grid Workshop

April 23-24 2009

SCHEDULE

Thursday, April 23

- 8:45 - 9:00** **Opening**
Volker-H. Winterer, Computing Center, University of Freiburg
- 9:00 - 10:00** **Scientific Data Management in Grid Environments using DataFinder**
Anastasia Eifer, Simulation and Software Technology, German Aerospace Center
- Break
- 10:15 - 10:45** **High-Performance Computing on NVIDIA Tesla GPUs**
Timothy Lanfear, NVIDIA GmbH
- 10:45 - 11:15** **Grid Computing beim ATLAS Experiment am LHC**
Johannes Elmsheuser, Ludwig Maximilians Universität München
- 11:15 - 12:15** **Semtracks: Finding Patterns in Discourse**
Klaus Rothenhäusler, Heidelberg Center for American Studies
- Lunch
- 13:30 - 14:30** **Grid Computing update from Sun**
Constantin Gonzalez, Sun Microsystem GmbH
- 14:30 - 15:00** **MHD-simulation of plasma heating mechanisms in the solar corona / GRID-enhanced simulation of a human skin model for inversion of livor mortis reflectance spectra**
Philippe Bourdin, Kiepenheuer-Institut für Sonnenphysik / Freiburger Materialforschungszentrum, University of Freiburg
- 15:00 - 15:30** **Properties and possibilities of stabilized noble metal clusters**
Michael Walter, Freiburger Materialforschungszentrum, University of Freiburg
- Break
- 15:45 - 16:25** **Extending the Play-ground**
Deploying Virtualization techniques to collect idle CPU cycles from normal PCs to be used for Cluster computing
Michael Janczyk, Institute of Computer Science, University of Freiburg
- 16:25 - 16:45** **Stateless Computer Cluster**
Fast Deployment and Switching of Cluster Computing Nodes for easier Administration and better Fulfillment of Different Demands
Dirk von Suchodoletz, Institute of Computer Science, University of Freiburg
- 16:45 - 17:30** **Status report of the BFG Community**
Raphaël Pesché, Computing Center, University of Freiburg

Friday, April 24

Tutorial: Anton Gamel / Kai Kaminski, University of Freiburg

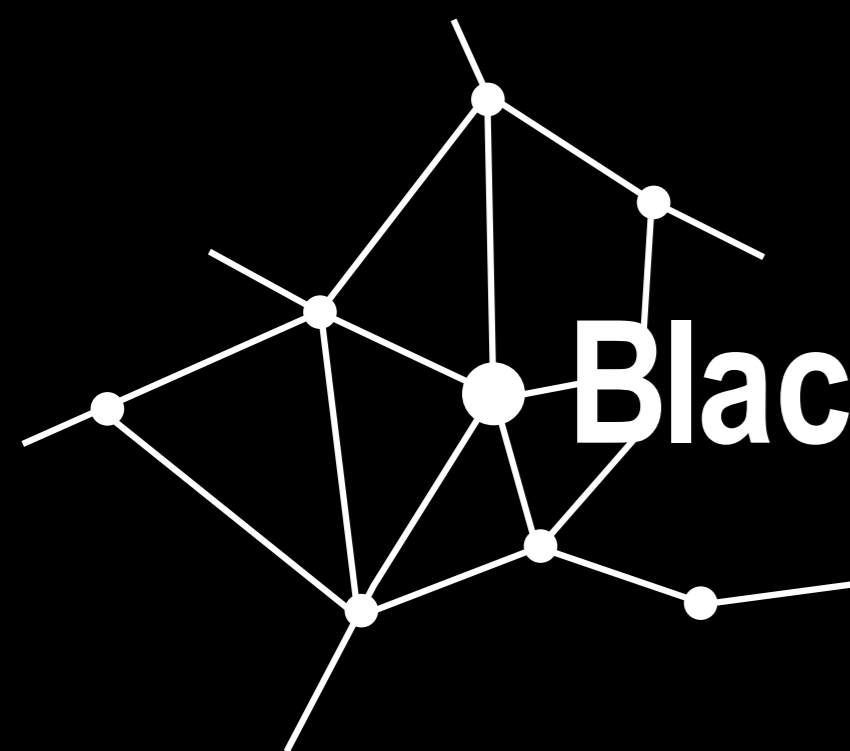
- 9:30 - 10:30** **Basic concepts**
Logon to the server, run some simple jobs, avoid common mistakes

Break

- 10:45 - 11:45** **Advanced concepts**
Handling long running jobs working with large datasets

Break

- 12:00 - 13:00** **BOF session**
Supervised training, questions and answers



Black Forest Grid



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BASIC INFORMATION:

REGISTRATION

<http://www.bfg.uni-freiburg.de/5th-bfg-workshop>

LOCATION

Rechenzentrum / Computing Center
Hermann-Herder-Str. 10
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