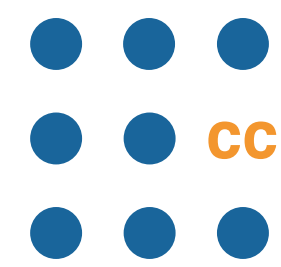




Black Forest Grid



computer center
university of freiburg

3rd Black Forest Grid Workshop

April 19-20 2007

SCHEDULE

Thursday, April 19

8:45 - 9:00 **Opening**
Volker-H. Winterer, Computing Center, University of Freiburg

9:00 - 10:00 **Harnessing Computing Power. Grid, Xgrid:
A complementary approach**
Massimo Marino, Apple Europe, Ltd

Break

10:15 - 11:15 **Large Scale Simulations with the Lattice Boltzmann Method**
Jonas Tölke, Institute for Computer Applications in Civil Engineering, Technical University of Braunschweig

11:15 - 12:15 **„Grid Computing for Computational Neuroscience“**
Bernd Wiebelt, BCCN, University of Freiburg with Diesmann Research Unit, Computational Neuroscience Group, RIKEN BSI, Japan

Lunch

13:30 - 14:00 **„Sun Fire X4500 und Solaris ZFS -
Neue Lösungen für große Datenmengen zu verwenden“**
Constantin Gonzalez, Sun Microsystems GmbH

14:00 - 14:30 **„Grid Computing between Virtualization and new HPC
architectures like POWER, CELL and Blue Gene“**
Thomas Ruefer, IBM Deutschland GmbH

14:30 - 15:30 **„Cluster configuration for 3D simulation of acoustic
transducer and waveguide“**
Sylvain Ballandras, Département de Physique et Métrologie des Oscillateurs, Institut Franche-Comté Electronique Mécanique, Thermique et Optique - Sciences et Technologies (FEMTO-ST) Besançon, France

Break

15:45 - 16:45 **Ausweitung der Kampfzone -
Integration von Rechnerpools in Grid-Cluster**
Dirk von Suchodoletz, Computing Center, University of Freiburg

16:45 - 17:45 **Status report of the BFG Community**
Andreas Greiner, IMTEK, University of Freiburg

Friday, April 20

Tutorial: Stefan Jankowski, BCCN, 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

BASIC INFORMATION:

REGISTRATION

www.bfg.uni-freiburg.de/workshop2007

LOCATION

Rechenzentrum / Computing Center
Hermann-Herder-Str. 10
D-79104 Freiburg

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