



computer center
university of freiburg

8th Black Forest Grid & bwGRiD Workshop

May 23-25 2012

SCHEDULE

Wednesday, May 23

14:00 - 14:15	OPENING Prof. Dr. Gerhard Schneider, University of Freiburg
14:15 - 14:45	TITLE TO BE CONFIRMED Wolfgang Peters
14:45 - 15:00	BWGRID HEUTE – EIN ÜBERBLICK Sven Hermann, Karlsruhe Institute of Technology
15:00 - 15:15	TITLE TO BE CONFIRMED Peter Castellaz, Ministerium für Wissenschaft, Forschung und Kunst, Baden-Württemberg
15:15 - 15:30	BWIDM: ANBINDUNG NICHT-WEBBASIERTER IT-INFRASTRUKTUREN AN EINE SAML/SIBBOLETH-FÖDERATION Saher Semaan, University of Freiburg
Break	
15:45 - 16:00	EMULATION-AS-A-SERVICE - REQUIREMENTS AND DESIGN OF SCALABLE EMULATION SERVICES FOR DIGITAL PRESERVATION Isgandar Valizada, University of Freiburg
16:00 - 16:15	FLEXIBLE CLUSTER NODE PROVISIONING IN A DISTRIBUTED ENVIRONMENT Sebastian Schmelzer, University of Freiburg
16:15 - 16:30	LIVE PROCESS MIGRATION FOR LOAD BALANCING AND/OR FAULT TOLERANCE Adrian Reber, Esslingen University of Applied Sciences
16:30 - 16:45	CLUSTER IN DESKTOP-UMGEBUNGEN Michael Janczyk, University of Freiburg
16:45 - 17:00	SECURE CLOUD STORAGE – A LEGAL AND TECHNICAL CHALLENGE Marcel Waldvogel, University of Konstanz

Thursday, May 24

9:00 - 9:30	DAS BWGRID WISSENSCHAFTSPORTAL - GRID COMPUTING GANZ EINFACH Christian Mosch, University of Ulm
9:30 - 10:00	DER BWGRID-PORTAL PORTLETGENERATOR - EINFACHE, INDIVIDUELLE UND EFFIZIENTE PORTLETENTWICKLUNG Kevin Körner, University of Tübingen
10:00 - 10:30	THROUGH THE GALAXY INTO THE BWGRID Björn Grüning, University of Freiburg
Break	
10:45 - 11:45	INTRODUCTION TO GPGPU PROGRAMMING (WITH CUDA) Sandra Wienke, RWTH Aachen University
11:45 - 12:15	COMPETING WITH SPECIAL-PURPOSE SUPERCOMPUTERS ON A MULTI-NODE GPU CLUSTER: CONFIGURATIONAL DYNAMICS OF BPTI EXPLORED WITH A MULTIDIMENSIONAL LANGEVIN MODEL Andrzej Rzepliela, University of Freiburg
Lunch	
13:45 - 14:15	CART TREES AND RANDOM FORESTS IN LINGUISTICS Ulrike Schneider, University of Freiburg
14:15 - 14:45	PREDICTION OF TECTONIC STRESSES AND FRACTURE NETWORKS WITH GEOMECHANICAL RESERVOIR MODELS - CASE STUDY OF A ROT-LIEGEND GAS FIELD IN NORTHERN GERMANY Karsten Fischer, University of Freiburg
14:45 - 15:15	RECENT RESULTS FROM LHC EXPERIMENTS Stan Lai, University of Freiburg
Break	
15:30 - 16:30	GPGPU: BASIC TUNING CONCEPTS (WITH CUDA) INTRODUCTION TO DIRECTIVE-BASED GPGPU PROGRAMMING CASE STUDY ON PRODUCTIVITY AND PERFORMANCE OF GPGPUS Sandra Wienke, RWTH Aachen University

Friday, May 25

Tutorial: Marek Dynowski, Michael Janczyk, Raphaël Pesché

9:30 - 10:30	CLUSTER COMPUTING Logon to a user interface, run some simple jobs
Break	
10:45 - 12:45	GRID COMPUTING Certificates, VO registration, Globus, Job submission



BASIC INFORMATION:

LINKS

Registration: www.bfg.uni-freiburg.de/8th-bfg-workshop
bwGRiD: www.bw-grid.de

LOCATION

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

CONTACT

raphael.pesche@rz.uni-freiburg.de
janne.schulz@rz.uni-freiburg.de
volker-henning.winterer@rz.uni-freiburg.de

