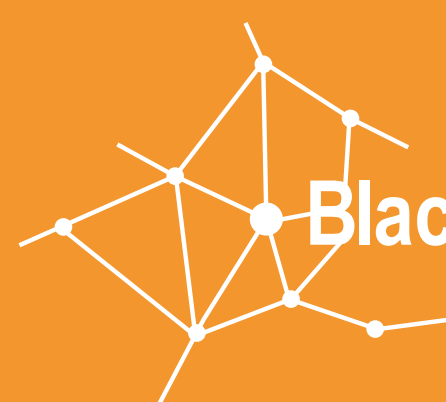
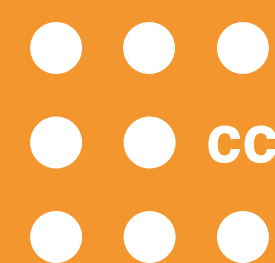




Black Forest Grid



computer center
university of freiburg

6th Black Forest Grid Workshop

April 15-16 2010

SCHEDULE

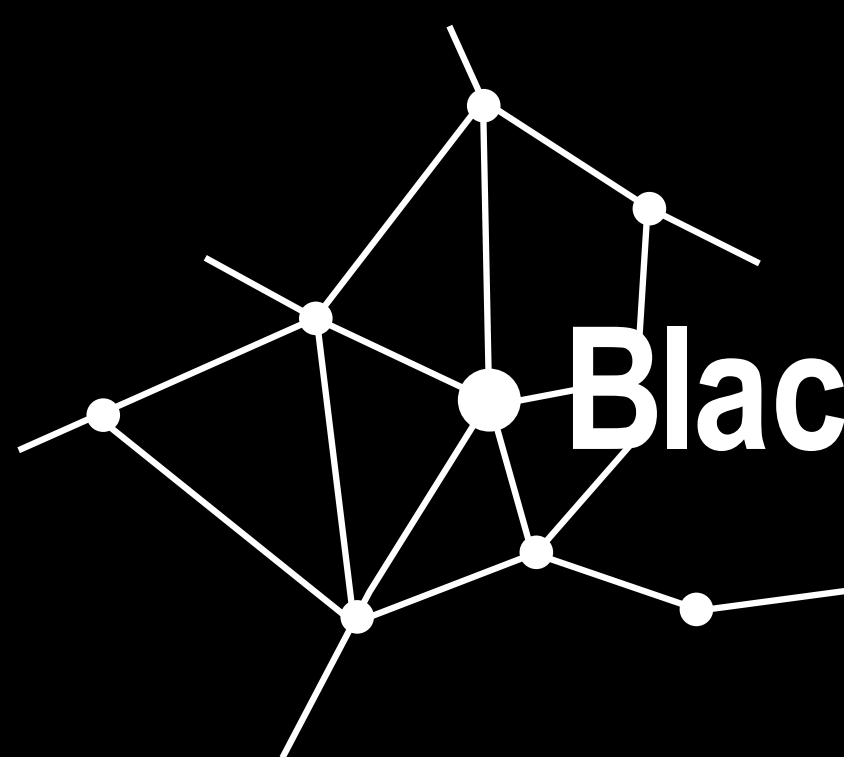
Thursday, April 15

8:45 - 9:00	OPENING Volker-H. Winterer, Computing Center, University of Freiburg
9:00 - 10:00	BRIDGING REGIONAL AND GLOBAL E-SCIENCE COLLABORATION IN TAIWAN Eric Yen, ASGC, Taipei, Taiwan
Break	
10:15 - 10:45	OVERVIEW OF CLUSTER COMPUTING AT UFPR Daniel Weingaertner, Department of Informatics, Federal University of Paraná
10:45 - 11:15	THE MULTI-SCALE LATTICE BOLTZMANN METHOD ON GRAPHICS HARDWARE Martin Geier, Institut für rechnergestützte Modellierung im Bauingenieurwesen, Technische Universität Carolo-Wilhelmina zu Braunschweig
11:15 - 11:45	LARGE SCALE ANALYSIS OF DOPPLER IMAGING DATA TO ESTIMATE THE SOLAR MERIDIONAL FLOW Hans-Peter Doerr, Kiepenheuer-Institut für Sonnenphysik
11:45 - 12:15	FIRST RESULTS FROM THE ATLAS EXPERIMENT AT THE LARGE HADRON COLLIDER Markus Schumacher, Institute of Physics
Lunch	
13:30 - 14:00	IN SILICO SCREENING FOR SMALL MOLECULES INTERFERING WITH PROTEIN-PROTEIN INTERACTIONS - THE BENEFITS OF GRID COMPUTING FOR DRUG DISCOVERY Stefan Günther, Institute of Pharmaceutical Sciences, University of Freiburg
14:00 - 14:30	PARAMETER ESTIMATION FOR REVERSE ENGINEERING OF DYNAMIC GENE REGULATORY NETWORKS Hauke Busch, Freiburg Institute for Advanced Studies, University of Freiburg
14:30 - 15:00	RESEARCH TOPICS IN CLUSTER-COMPUTING AT UFPR Luis C. E de Bona, Department of Informatics, Federal University of Paraná
15:00 - 15:30	NUMERICAL WAVE PROPAGATION EXPERIMENTS IN A REALISTIC SOLAR MODEL ATMOSPHERE Christian Nutto, Kiepenheuer-Institut für Sonnenphysik
Break	
15:45 - 16:45	ACCELERATION OF THE FINITE-DIFFERENCE TIME-DO-MAIN METHOD ON GRAPHICS PROCESSOR UNIT Tomasz Stefanski, IT'IS Foundation and IIS Laboratory, ETH Zürich and Guillermo del Castillo, Schmid & Partner Engineering AG (SPEAG), Zürich
16:45 - 17:30	STATUS REPORT OF THE BFG COMMUNITY Anton Gamel, Institute of Physics, University of Freiburg

Friday, April 16

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



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BASIC INFORMATION:

REGISTRATION

<http://www.bfg.uni-freiburg.de/6th-bfg-workshop>

LOCATION

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

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