

BGAS Workshop agenda

Status: 11.01.2013



9:00-9:15	Welcome	Thomas Lippert, FZJ/JSC
9:15-9:30	Introduction	Dirk Pleiter, FZJ/JSC
9:30-10:30	Blue Gene Active Storage Overview and Status Update	Blake Fitch, IBM Watson
10:30-11:00	<i>Coffee break</i>	
11:00-11:30	Climate Science I/O - A sketch on Requirements, Trends & Future Challenges	Nathanael Hübbe, U Hamburg
11:30-12:15	Condensed Matter Codes – Potential Application of Active Storage	Stefan Blügel/Paul Baumeister, FZJ/PGI-1
12:15-14:00	<i>Lunch break</i>	
14:00-15:00	A Scalable Solution for Specifying and Solving Arbitrary Dense Neural Tissue Model Graphs in a Domain Decomposition: Plans and Implications for I/O Bound Applications and Analysis	James Kozloski, IBM Watson
15:00-15:30	Porting Genomics Workflows to the Parallel In-Memory Database (PIMD)	David Carrera, BSC
15:30-16:00	<i>Coffee break</i>	
16:00-16:30	Genome-Wide Association Studies: Computing Petaflops over Terabytes of Data	Paolo Bientinesi, RWTH Aachen
16:30-17:15	Computational requirements for radio pulsar surveys	David Champion, MPIfR
19:30-....	<i>Dinner @ Trattoria Rossini, Bauhofstr. 28, 52428 Jülich</i>	

9:00-10:00	Biological neuronal network simulation code for the brain scale	Markus Diesmann, FZJ/INM-6
10:00-11:00	Data-Intensive Computing in Astrophysics	Alex Szalay, Johns Hopkins Univ.
11:00-11:30	<i>Coffee break</i>	
11:30-12:30	Panel discussion	all
12:30-...	<i>Lunch break</i>	