Session Program

Aug 26 - 30, 2013

GridKa School 2013 Big Data, Clouds and Grids



GridKa School 2013: Big Data, Clouds and Grids

Plenary talks

KIT Campus North, FTU

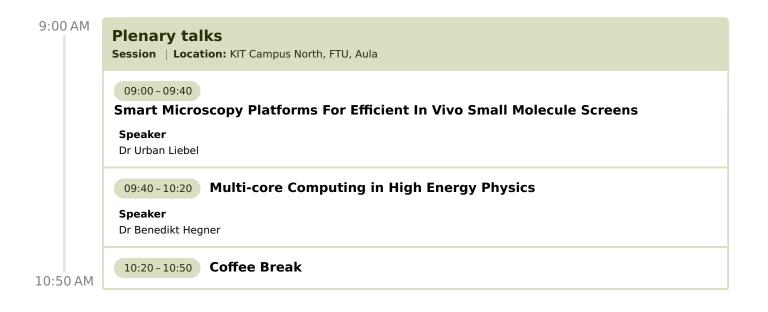
Mon, August 26

Plenary tal	
14:00 - 14:05	Welcome to Karlsruhe Institute of Technology
Speaker Prof. Hartmut Scł	imeck
Location FTU, Aula	
14:05 - 14:20	Introduction to the Steinbuch Centre for Computing
Speaker Prof. Achim Streit	
Location FTU, Aula	
14:20 - 14:30	GridKa School - Event Overview
Speaker Dr Pavel Weber	
Location FTU, Aula	
14:30 - 15:30	Enabling eScience
Speaker Dr Peter Kunszt	
Location FTU, Aula	
15:30 - 16:00	Coffee Break
16:00 - 16:40	Handling Big Data - an Overview of Mass Storage Technologies
Speaker Lukasz Janyst	
Location FTU, Aula	
16:40 - 17:20	Security Challenges in Distributed Environments
Speaker Leif Nixon	
Location FTU, Aula	

Tue, August 27

Plenary	
Session	Location: KIT Campus North, FTU, Aula
09:00 - 09	9:40
From Mi	lliwatts to PFLOPS - High-Performance and Energy Efficient General
Purpose	x86 Multi/Many-Core Architecture
Speaker	
Dr Herbert	Cornelius
09:40 - 10	0:20
	in Complex Systems Research (A Review on Tools, Best Practices &
Applicat	
Speaker	
Mirko Käm	pf
10:20 - 10	Coffee Break
10:50 - 12	1:30
Cloud Co	omputing Patterns - Fundamentals to Design, Build, and Manage Cloue
Applicat	ions
Speaker	
Christoph	Fehling
11:30 - 12	GPU Acceleration Benefits for Scientific Applications
Speaker	
Axel Koehl	er

Wed, August 28



Thu, August 29



Fri, August 30

9:00 AM	Plenary talks Session Location: KIT Campus North, FTU, Aula		
	09:00-09:40 BIG DATA in Science, Best Practices Speaker Dr Steve Aplin		
	09:40-10:20 The Evolution of the Information System in EGI/WLCG		
	Speaker Dr Stephen Burke		
	10:20-10:50 Coffee Break		
	10:50 - 11:50		
	Helix Nebula - the Science Cloud: a public-private partnership building a multidisciplinary cloud platform for data intensive science		
	Speaker		
	Dr Bob Jones		
	11:50-12:00 Summary and Evolution		
	Speaker		
12:20 PM	Dr Pavel Weber		