



Building the Data Center SQUARE



Preliminary AGENDA

Monday, April 14th, 2008: Object-oriented Parallel File Systems and Virtualization

09:30h Registration Desk Opens
10:00h Welcome and Introduction to HLRS

Prof. Dr.-Ing. Michael Resch
Director HLRS

Morning Session (HLRS Seminar Room)

10:15h Panasas Parallel File System
11:10h Lustre – current developments

Dr. Brent Welch, Panasas
Eric Barton, Sun Microsystems

12:00h **Lunch (HLRS New Building)**

Afternoon Session I (HLRS Seminar Room)

13:30h DVS: Data Virtualization System at Cray
14:15h Reservoir – Resources and Service Virtualization
w/ out Borders

Dr. Wilfried Oed, Cray
Benny Rochwerger, IBM Haifa

15:00h **Coffee Break**

Afternoon Session II (HLRS Seminar Room)

15:30h Lustre-MX, PVFS-MX: File System
Implementations by Myricom
16:15h Virtualization of high-performance dynamically
Configurable HW and SW Storage

Dr. Markus Fischer, Myricom
Toine Beckers, DDN

Tuesday Morning, April 15th, 2007: Storage Systems, OpenFabrics

Morning Session Ia: Data Management in the Metro Area (HLRS Seminar Room)

09:00h	Regional Virtualization in the Cologne Area	Claus Kalle, RRZK
09:30h	Wide Area Transport Schemes for BW-Grid	Peter Haas, HLRS
09:55h	OCFS: The Oracle Cluster File System	NN, Oracle
10:20h	Coffee Break	
10:45h	SR4G: Wide Area Storage Routing	NN, Voltaire
11:10h	Long Distance InfiniBand Transport	NN, Obsidian
11:35h	TSM HSM layering on GPFS	NN, IBM

Morning Session Ib: OpenFabrics@HLRS (IMS Auditorium)

09:00h	TBA by OpenFabrics	NN, Voltaire
09:20h	TBA by OpenFabrics	NN, IBM
09:50h	TBA by OpenFabrics	NN, Mellanox
10:20h	Coffee Break	
10:45h	TBA by OpenFabrics	NN, IBM
11:20h	TBA by OpenFabrics	NN, Novell

12:00h Lunch (HLRS New Building)

Tuesday Afternoon, April 15th, 2007: HNF Europe sponsored sessions, OpenFabrics

Afternoon Session IIa: Data Center Ethernet (HLRS Seminar Room)

13:00h	Data Center Ethernet Technology	Dr. Walter Dey, Cisco
13:45h	IEEE 802.3ba 40Gb/s and 100Gb/s Ethernet TF	Dr. Klaus Grobe, ADVA
14:20h	Coffee Break	
14:40h	Server I/O Consolidation: Comparing the Solution Based on InfiniBand, iSCSI and FCoE Technology	Dr. Walter Dey, Cisco
15:10h	Protocol Offload for 10Gb/s Ethernet Networks	Chuck Tybur, NetXen

Afternoon Session IIb: System Area Networks, Interworking (IMS Auditorium)

13:00h	TBA by OpenFabrics	Asaf Somekh, Voltaire
13:25h	TBA	NN, Quadrics
13:50h	TBA	NN, Emulex
14:20h	Coffee Break	
14:40h	Ultra-high Bit Rate Optical Networks in Research and Education	Dr. Klaus Grobe, ADVA
15:10h	TBA	NN, Cisco

Afternoon Session IIc: OpenFabrics@HLRS (HLRS Multimedia Laboratory)

13:00h	TBA by OpenFabrics	NN, Voltaire
13:40h	TBA by OpenFabrics	NN, Cisco
14:20h	Coffee Break	
14:40h	TBA by OpenFabrics	NN, Microsoft
15:10h	TBA by OpenFabrics	NN, Mellanox

Tuesday Evening, April 15th, 2008: Social Event

- 16:00h **Bus leaves to State Gallery Stuttgart**
<http://www.staatsgalerie.de>
- 16:30h Tour of the PopArtPortraits Exhibition
http://www.staatsgalerie.de/aus_pap/
 Organized by the National Portrait Gallery, London
- 18:00h Walk to Stuttgart Museum of Fine Arts (7min)
- Social Event at the Stuttgart Museum of Fine Arts**
- 18:15h Reception at o.T. Bar Lounge
<http://www.kunstmuseum-stuttgart.de>
- 19:00h Dinner at Cube Restaurant
<http://www.cube-restaurant.de>

Wednesday, April 16th, 2008: OpenFabrics

Morning Session Ia: OpenFabrics@HLRS (IMS Auditorium)

- 09:00h TBA by OpenFabrics NN, TU Chemnitz
- 09:40h TBA by OpenFabrics NN, NEC
- 10:20h **Coffee Break**
- 10:45h TBA by OpenFabrics NN, HP
- 11:10h Quantum StorNext Implementation in the
 ALICE Project at CERN Pierre Vande Vyvre, CERN
- 11:35h TBA by OpenFabrics N.N., IBM

Morning Session Ib: HLRS Demonstration Systems (HLRS Seminar Room)

- 09:00h HPSS/GPFS @ HLRS Peter Haas, HLRS
- 09:30h Interactive Visualization of Large Datasets Uwe Wössner, HLRS
- 10:00h Tour of HLRS Computing Facilities, NO19 Bldg NN, HLRS
- 10:30h **Coffee Break**
- 11:00h Results of IB over DWDM Field Test at HLRS Ulrich Schlegel, ADVA
- 11:30h Tour of HLRS Demonstration Facilities, AR30a Bldg NN, HLRS

12:00h Lunch (HLRS New Building)

Afternoon Session IIa: OpenFabrics@HLRS (HLRS Seminar Room)

- 13:00h TBA by OpenFabrics NN, HLRS
- 13:30h TBA by OpenFabrics NN, LSI Logic
- 14:00h **Coffee Break**
- 14:20h TBA by OpenFabrics NN, IBM
- 15:15h **Adjourn**

Industry Exhibit (April 14th & 15th):

- 09:00h ADVA, Bull, Brocade, Emulex, Foundry,
 Transtec and others Industry Partners

Sponsored by:

