

NOS 1994 - 200	1		
	cluster (by order	r of appearan	co).
	cluster (by older	or appearan	<i>be</i>).
- HP (HP-UX)	N/) //		
- Fujitsu (UXP/	v) (vector comp	outer)	
- Sun (Solaris)			
– PC (LINUX)			
Home-grown sch	heduler across a	all these	
(designed with N	NQS in mina)		
Committee and Communication Contex	COE Washed as 2003		The second se

	Current state	
Sun Grid Engin Still (less) heter withdrawn)	e since 2001 in productio ogeneous cluster (Fujits	on u and IBM
SunFire-Cluster	as an main compute res	source
emputing and Communication Center	SGE Workshop 2002	RWTH Z











Downside	Current Activities	
Approach for "HPC Scheduler" is quite "expensive" with regard to the scheduling effort itself ⇒ unappropriate for "high throughput" environments with large number of (short) batch jobs Standard scheduler and "HPC Scheduler" as alternatives	 Specification of set of features that are relevant for "HPC Scheduler" From standard scheduler No support for preemption, checkpointing, migration planned for the "HPC Scheduler" From requirement list for HPC environment Specification of optimization parameter(s) and definition of 	
	Design of reservation layer Building of a first implementation	