

ETH

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CSCS

Swiss National Supercomputing Centre



Allocation of Compute Time on Rosa





Current Situation on Palu

- No expansion of resources on Palu for last 2 years
 - Extreme pressure for resources from projects
 - Over-request of compute time compared to available resources
- In call for proposals for 2009 time we had to introduce new “minimum request” on application form
 - What is the minimum you would need to do any scientific research in this project ?
- Allocations were given out to only the highest-scoring projects in the scientific review
- Allocations to approved projects were given out at the “minimum request” level

Upgrading Existing Projects

- Automatic upgrade of existing production projects which have used at least 50% of their allocation in 1Q2009
 - Upgrade to “Full request” specified on application form
- Projects which passes scientific review with lower grades will be re-assessed
- Development projects will have automatic access to new Palu in addition to Rosa access
 - New Palu will have over 1000 cores with 1.5 Gigabytes per core
 - New Palu will migrate to CLE in September 2009



Existing Project Additional Request

- Available to PIs of projects having used at least 50% of their allocation in 1Q2009
- May request up to 100% increase in resource
 - That is 100% of “full request” stated in project proposal
- One page request to projectoffice@cscs.ch
 - Reasoning for additional request is all that is required
- You must have a working executable on test machine by May 17th 2009
- Deadline for requests is May 17th 2009



High-Impact Early User Projects

- Additional to existing Production Projects
- Request for a large amount of resource for a small period of time
 - Up to half the machine-time for one to two months
- Requests due by 30th June 2009
 - Early requests might lead to allocation during early June / July
- Appropriate reviewers to be found based on proposals
- Final decision by CSCS Director



Call for Proposals 2010

- Scientific Review will be carried out by SNF
- Call for proposals will be earlier than usual
 - SNF require longer period to carry out reviews
- Close of call for proposals will be late August / early September