

## **Computational Resource Allocation Group (CRAG)**

### **MEETING MINUTES**

**19th March 2010**

*In Attendance: John Brodholt (Chair), Clare Gryce (acting Secretary), Thomas Jones, William Hay, Nik Kaltsoyannis, Andrew Martin, Ian Eames, Ben Waugh, Bruno Silva*

*Apologies: Eric Fraga.*

#### **1. Approval of Minutes of last meeting and Matters Arising**

The minutes of the January 2010 meeting, which had been previously distributed, were approved by the group.

#### **2. Review list of actions**

The list of actions from the last meeting was reviewed and the list updated (see Table below).

#### **3. Pro forma' for submission of requests for additional resources**

The current process and online information was reviewed.

It was agreed that a .doc form should be provided to ensure applicants provide all necessary supporting information.

It was agreed that deadlines for submission of theses should not generally be considered sufficient justification for additional resource requests.

It was agreed that requests should be submitted to the CRAG by the relevant Consortium leader, who should explain clearly why they support the request within the form provided.

It was agreed that requests would be considered at the monthly CRAG meetings, not via email discussion, and that the online information should make this clear.

#### **4. Review of current resource allocation policy**

The current resource allocation policy was briefly discussed.

It was agreed that the principle of allocation by 'fairshare' should continue, supplemented by responsiveness to requests for additional resources.

It was noted that policies that involved fixed allocations would attract a non-trivial resource overhead.

## **5. Review of usage statistics and reports**

The usage statistics for the month were briefly reviewed by the Group.

The group noted the need for online information to be provided to users regarding wait times and how they might adapt their jobs to minimise wait times where appropriate.

There were no other issues arising.

## **6. Review any requests received for resource reservations/additional resources**

- (a) A Azarbadegan request – approved, RC Team to set up.
- (b) C Klettner request – approved, RC Team to set up.
- (c) A Smith – more information required, Chair to follow up.

## **7. Standing agenda and duration of future meetings**

It was agreed that meetings should continue to be monthly, duration one hour.

*Clare Gryce  
Research Computing  
Information Services Division  
30<sup>th</sup> March 2010*

**LIST OF CURRENT ACTIONS**

Shaded (closed/completed) items will be deleted in the next version

	<b>Actions</b>	<b>Status</b>	<b>Owner</b>
10	HEP and RC to decouple the running of the middleware from Legion and run this from HEP Central.	In progress (see new Action 38)	CG/BW
10a	MoU between CRAG/RC and HEP to be agreed.	Pending	CG/BW
18	MoU between CRAG/RC and Miracle project to be agreed on confirmation of funding.	In progress	CG
30	Web information about list of applications available on Legion to be updated, to include applications waiting to be installed, and any items that have been 'prohibited'.	In progress	CG
31b	A monthly summary of how many users used the systems (i.e. number of active users), with names, should be provided.	Done	CG
31d	Monthly Condor usage statistics should be provided.	Pending	CG
33c	RAM usage by jobs on the Unity Altix 4700 to be monitored and reported to CRAG each month.	Pending	CG
35	Monthly data showing a histogram of number of users vs % use of machine, to be provided.	Pending	CG
36	Monthly data showing the median job size per Consortium, be provided.	Done	CG

37	More detailed information be provided to users regarding actions they may take in response to wait times experienced	Pending	CG
38	Remove soft limit of 128 simultaneously running LCG jobs and implement small prioritisation of LCG jobs.	Done	CG
39	Daniel Hulme to be advised to join Mathematics Consortium; CRAG to facilitate.	Pending	JAY
40	Online Applications information – for those apps which are not centrally supported, information to be provided about which groups are running them, to enable knowledge transfer		
41	Requests for additional resources – form to be provided as per agenda item 3 (19/3/2101)		