

**Computational Resource Allocation Group (CRAG)  
Monthly Meeting  
Tuesday 10th June 2014 at 13.00  
Room 103, Podium Building, 1 Eversholt Street, London NW1 2DN**

**Minutes**

Chair:

1. Nik Kaltsoyannis (NK) – *Molecular Quantum Dynamics and Electronic Structure*

Present:

1. Nicholas Achilleos (NA) – *Astrophysics and Remote Sensing*
2. Dario Alfe (DA) – *Thomas Young Centre (Materials Science)*
3. Clare Gryce (CG) – *Head of Research Computing and Facilitation Services, ISD*
4. Owain Kenway (OK) – *Research Computing Analyst, ISD*
5. Ian Kirker (IK) - *Research Comp & Facilitating Services, ISD*
6. Jo Lampard (JL) - *Senior Research IT Services Facilitator, ISD*
7. Vincent Plagnol (VP) – *Next Generation Sequencing*
8. Bruno Silva (BCS) – *Research Computing Platforms Team Leader (Service Lead), ISD*
9. Sergey Yurchenko (SY) – *Atomic, Molecular, Optical and Positron Physics*

Apologies:

10. Tom Couch (TC) - *Research Comp & Facilitating Services, ISD*
11. William Hay (WH) – *Datacentre Services, ISD*
12. Thomas Jones (TJ) – *Research Platforms Team Leader (Infrastructure Lead), ISD*
13. Michail Stamatakis (MS) - *Chemical Engineering (replacing Simon Kuhn henceforth)*
14. Andrew Martin (AM) - *Structural & Molecular Biology*

In attendance:

15. Corrinne Frazzoni (CF) – *Administrative Services, ISD (Minutes and meeting support)*

**1. Approval of Minutes of last meeting held on 13<sup>th</sup> May 2014**

The Group approved the Minutes of the last meeting. There were no matters arising.

**2. Update on status of current Actions**

The list of current Actions (see table at end) was updated.

**3. Review of any requests for additional resources on local HPC facilities**

There were two new requests for additional resources, from Piasini and Wright (see table at end). Both were approved.

**4. Review of Legion usage statistics <http://efron.rcdev.ucl.ac.uk:888>**

The group reviewed the Legion usage statistics for May 2014.

CG reported that the FARR institute had purchased 88 Legion nodes which would be available for other use. They had been sent guidance regarding Legion and priority access. CG stated

that she would be attending the FAIR (Farr Allocation to Infrastructure Resources) meeting at the FARR institute later that day and as there was some concern regarding overlap with the CRAG would suggest that FAIR should nominate a member for the CRAG.

#### **5. Review of IRIDIS and EMERALD usage statistics**

The IRIDIS usage statistics for May 2014 were not provided in time for the meeting.

The group reviewed the EMERALD usage statistics for May 2014.

BCS had requested an explanation of high utilisation and slowdown figures for the Cfl from TM, who had provided a partial reply which was not felt to fully explain the figures.

**Action: OK would meet with Derek to discuss the metrics further.**

#### **6. Account application form progress update**

Form is almost ready to test and deploy.

Awaiting checking procedure.

Must be in place by 29 July to give existing users two months to re-apply.

#### **7. AOB**

It had been announced that BS would be leaving UCL after four years to take up a post at the Crick Institute at the end of June. The Chair thanked BS for all his work over the years on behalf of the group and CG expressed how much he would be missed by the department.

#### **8. Next meeting date and agenda**

Tuesday 8th July 2014 from 13.00-15.00

Venue: Room 103, 1st floor, Podium Building, 1 Eversholt Street, London, NW1 2DN.

#### **Agenda (Items) for the next meeting:**

##### **Standing items:**

1. Approval of Minutes of last meeting
2. Update on status of current Actions
3. Review of any requests for additional resources on local HPC facilities
4. Review of Legion usage statistics
5. Review of IRIDIS and Emerald usage statistics

## LIST OF CURRENTLY APPROVED EXCEPTIONAL REQUESTS

Requesting user	CRAG approval date	details of exception	start date agreed	end date agreed	date removed	Implementation Notes
Jenner	13/05/2014	Scratch quota extended for the requested period	13/05/2014	01/05/2015		
Piasini	10/06/2014	Scratch quota extended for the requested period	10/06/2014	31/12/2014		
Wright	10/06/2014	Extension of maximum wall clock time to 10 days on Legion	10/06/2014	[31/10/2014]		

## LIST OF CURRENT ACTIONS

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

	Actions	Status	Owner
151	KPI for legion wait times	<p>(17/01/2014): After correcting for job arrays, mean slowdown will be calculated for each job type (single core, single node, multi-node etc.) on a monthly basis. The use of this measure will be evaluated at a subsequent CRAG meeting.</p> <p>(14/2/14): This is now being done for senior management reports – will be introduced in coming Legion statistics reports. ONGOING</p> <p>(12/03/14): ONGOING</p> <p>(13/05/14): Create graph to cover 2-year timeframe on slowdown trend/users/ and normalised/active users overlaid NEW ACTION</p> <p>(10/06/14) ONGOING. Will be completed by 13/6</p>	BCS
159	Cfl usage statistics	<p>(13/05/14): Request explanation of high utilisation and slowdown figures from Timothy Metcalf (TM)</p> <p>(10/06/14) ONGOING. TM provided a partial reply which was not felt to fully explain the figures. OK to meet with Derek to discuss metrics further.</p>	BCS/OK