

REPORT ON THE RADIONET3 NETWORKING ACTIVITY

TITLE: LONDON ALMA COMMUNITY DAY, 1 Nov 2013

DATE: *1 Nov 2013* **TIME:** (WHOLE DAY)

LOCATION: *LONDON, UK*

MEETING WEBPAGE <http://www.alma.ac.uk/events/UCL2013Nov>

HOST INSTITUTE: *UNIVERSITY COLLEGE LONDON*

PARTICIPANTS NO: *25*

MAIN LEADER: *DR MIKAKO MATSUURA*

REPORT:

1. Agenda of the meeting

Fri 1 Nov

0930	Registration	
0945	ALMA overview, ARC support and UK development	Anita Richards
1030	Coffee	
1100	A combined ALMA and Jansky VLA study of obscured star-formation in BR1202-0725 at z=4.7	Jeff Wagg
1120	Measuring Supermassive Black Hole Masses with ALMA	Martin Bureau
1140	First results from the JCMT Gould Belt Survey with SCUBA-2	Jenny Hatchell
1200	ALMA observations of supernova 1987A	Mikako Matsuura
1220	Massive star formation	Adam Avison
1245	The ALMA science portal, archive, Helpdesk and other resources	George Bendo
1300	Lunch	
~1340	Pynterferometer (interactive interferometry for beginners - informal session)	George Bendo
1400	Introduction to interferometry and hands-on work	Anita Richards
1430	The Observing Support Tool: Simulations for ALMA (hands-on)	Adam Avison
1515	The ALMA Observing Tool for proposal preparation (hands-on)	Anita Richards
1530	Tea	
1600	Data reduction in CASA / parallel sessions (see below)	All

2. Scientific Summary

The meeting started by providing an introduction to ALMA and in particular to current progress and observing opportunities, and the support available via the ARC nodes and RadioNet. This was followed by 5 science talks, which exemplified ALMA discoveries so far, and also various data processing and interpretation techniques. The remaining talks demonstrated the resources available for ALMA users, both information and tools. The afternoon was mainly given over to hands-on work on making simulations for ALMA and use of the Observing Tool and data reduction package CASA. More experienced participants had the option of a number of different guides depending on their scientific interests. There were also two lively discussion sessions, one of general ALMA plans and policy, and the other on data reduction techniques.

3. Attendance list signed by the participants and confirmed by the organizer

Richards, Anita; Wagg, Jeff; Bureau, Martin; Bendo, George; Kennedy, Grant; Kraus, Stefan; Hatchell, Jenny; Eyres, Stewart; Tiley, Alfred; Riaz, Basmah; Dunlop, James; Chrysostomou, Antonio; Accurso, Gioacchino; Matsuura, Mikako; Saintonge, Amelie; Calcutt, Hannah; Rawlings, Jonathan; Viti, Serena; Bisbas, Thomas; Kelly, George; Coppin, Kristen; Makrymallis, Antonios; Banerji, Manda; Owen, Patrick; Walker, Daniel.

All based at UK institutes, 9 women out of 25; over half classed themselves as new to radio interferometry.

4. Financial Report / RadioNet3 contribution

RadioNet provided lunch, tea and coffee for all participants and travel for one science speaker

(Wagg, Cambridge) and tutors Richards and Bendo from Manchester, total ~€500 (tbc after all claims processed and converted).

5. Conference Proceedings and Web page

All software is available via www.almascience.org; the CASA data reduction tutorials at <http://casaguides.nrao.edu/> and all other tutorial material is available via <http://www.alma.ac.uk/events/UCL2013Nov>

Presentations made at the meeting will be posted on the *RadioNet3* wiki of the Networking Activity when possible: <http://www.radionet-eu.org/radionet3wiki/>