

## ***REPORT ON THE RADIONET3 NETWORKING ACTIVITY***

**TITLE: EU ARC CASA TUTORIAL FOR CYCLE 0 PROJECTS**

**DATE:** *19 AND 20 JANUARY 2012*      **TIME:** (WHOLE DAY)

**LOCATION:** *ESO GARCHING, GERMANY*

**MEETING WEBPAGE** <http://www.eso.org/projects/alma/arc/tw/bin/view/External/EUARCCASATutorialJan2012>

**HOST INSTITUTE:** *ESO*

**PARTICIPANTS NO:** *29*

## REPORT:

### 1. Agenda of the meeting

Attached.

### 2. Scientific Summary

The workshop was aimed at members of the European ALMA community who are involved in accepted Cycle 0 projects. It was an intensive two day tutorial with several hands-on sessions teaching how to perform general ALMA data calibration and imaging with the data reduction package CASA.

There were 29 participants, from Brazil, France, Germany, Italy, Netherlands, Spain, Sweden, UK; about a quarter were women.

### 3. Attendance list (incl. participant names, affiliation and country) signed by the participants and confirmed by the organizer

In case of heavy burden with collecting all participant signatures, an attendance list confirmed only by the organizer could be accepted

#### Participants

⤴ Zulema Abraham	Brazil Sao Paolo, University of
⤴ Javier Alcolea	Spain Madrid Observatory
⤴ Pedro Paulo Beaklini	Brazil Sao Paolo, University of
⤴ Alexandre Beelen	MPIfR Germany
⤴ Arnaud Belloche	MPIfR Germany
⤴ Maria Teresa Beltran	INAF Italy
⤴ Thibault Cavalie	France Bordeaux Observatory
⤴ Timea Csengeri	MPIfR Germany
⤴ Carlos De Breuck	ESO Germany
⤴ Emanuel DiFolco	France CEA Saclay
⤴ Santiago Garcia-Burillo	Spain Madrid Observatory
⤴ Alexander Karim	UK Durham University
⤴ Agnes Kospal	Netherlands Leiden University
⤴ Emmanuel Lellouch	France Paris Observatory
⤴ Johan Lindberg	Denmark Copenhagen University
⤴ Lukas Lindroos	Sweden Chalmers university
⤴ Ivan Marti-Vidal	MPIfR Germany
⤴ Marco Padovani	Spain Institute of Space Sciences (CSIC)/IEEC
⤴ Johan Richard	France Lyon Astronomical Research Centre
⤴ Alvaro Sanchez-Monge	INAF Italy
⤴ Nicola Schneider-Bontemps	France CEA Saclay
⤴ James Simpson	UK Durham University
⤴ Antonio Usero	Spain Mational Astronomical Observatory
⤴ Nienke van der Marel	Netherlands Leiden University

#### Tutors

⤴ Martin Zwaan	ESO
⤴ Dirk Petry	ESO
⤴ Anita Richards	Manchester UK
⤴ Frederic Gueth	IRAM France
⤴ Sebastien Muller	OSOSweden

### 4. Financial Report / RadioNet3 contribution

Sebastien Muller (Sweden) 450 Euro

### 5. Conference Proceedings and Web page

Lectures and tutorial material are on-line at

<http://www.eso.org/projects/alma/arc/tw/bin/view/External/EUARCCASATutorialJan2012>

## Program

The tutorial will begin at 9:00 on Thursday and will end at 17:00 on Friday

19 January, room D29		
09:00	intro/welcome etc - DP/MZ	<a href="#">intro</a>
09:15	talk - intro to ALMA (and interferometry) - MZ	<a href="#">ALMA+Interferometry</a>
09:45	talk - general CASA, the MS, and the ASDM - DP	<a href="#">casa</a> , <a href="#">asdm+ms</a>
10:35	talk - the typical ALMA data package for PIs - FS	<a href="#">data_delivery</a>
10:50	coffee	
11:15	talk - calibration - FG	<a href="#">calibration</a>
12:00	explanation of hands-on sessions - DP	<a href="#">hands-on-session-1</a>
12:30	lunch (room D30)	
14:00	hands-on - all	<a href="#">script 1</a> (data: see notes below)
16:00	coffee	
16:30	review and Q&A - all	
17:30	end of day 1	
20 January, room D29		
09:00	talk - a closer look at CASA - DP	<a href="#">casa--a-closer-look</a>
09:30	talk - Imaging - MZ	<a href="#">imaging</a>
10:30	coffee	
10:45	talk - image analysis - SM	<a href="#">ImageAnalysis</a>
11:30	talk - self-calibration - AR	<a href="#">Selfcal</a>
12:15	explanation of hands-on sessions - DP	<a href="#">hands-on-session-2</a>
12:30	lunch (room D30)	
14:00	hands-on - all	<a href="#">M100all_lores.ms.tgz</a> (600 MB, result of step 16 from session 1), <a href="#">reference figures for script 1</a> , <a href="#">script 2</a> (data: see notes below), <a href="#">Selfcal_imanalysis_script-explanations</a>
16:00	coffee	
16:30	review and Q&A	
17:00	end of meeting	