

REPORT ON THE RADIONET3 NETWORKING ACTIVITY

TITLE: EU ARC CASA TUTORIAL FOR CYCLE 0 PROJECTS

DATE: *21 AND 22 FEBRUARY 2013* **TIME:** (WHOLE DAY)

LOCATION: *ESO GARCHING, GERMANY*

MEETING WEBPAGE <http://www.eso.org/projects/alma/arc/tw/bin/view/External/EUARCCASATutorialFeb2013>

HOST INSTITUTE: *ESO*

PARTICIPANTS NO: *34*

REPORT:

1. Agenda of the meeting

Detailed Program

21		available downloads
February		
09:00	Intro - DP	intro-eso-0213.pdf
09:05	ALMA Status - L. Testi	LTesti_ESO_Feb2013.pdf
09:15	general CASA, the MS, and the ASDM - DP	casa-intro-eso-0213.pdf , asdms-dpetry-eso-0213.pdf
10:00	The typical ALMA data package for PIs - FS	piworkshop_2013_felix_stoehr.pdf
10:20	ALMA Data QA2 - LH	ALMADataQA2_PIWorkShop_Humphreys.pdf
10:55	coffee	
11:15	Calibration - MZ	Calibration_CASA_PI_Workshop_Zwaan_Feb2013.key.pdf
12:00	Explanation of hands-on sessions	
12:30	Lunch (at MPP canteen)	
14:00	Hands-on sessions 1a (M100 calibration) and 1b (SelfCal) in parallel	
	1a (M100 calibration)	reduce-m100-casa4-with-problems.py.txt
	1b (SelfCal)	reduce-iras16293-casa4-with-problems.py.txt
16:00	Coffee	
16:30	Review and Q&A - all	
17:30	End of day 1	
22		
February		
09:00	A closer look at CASA - DP	casa--a-closer-look-eso-0213-dpetry.pdf
09:30	Imaging and some image analysis - MZ	Imaging_CASA_PI_Workshop_Zwaan_Feb2013.key.pdf
10:30	Coffee	
10:45	Band 9 calibration - LH	band9_cycle1calibration_PIWorkShop_Humphreys.pdf
11:30	Spectral information in CASA - DP	spectral-information-in-casa-dpetry-0213.pdf
11:50	Recovering extended emission using ALMA and ACA - TS	ALMA_ACA_SD_combi_short.pdf , ACAplusALMAdemo.tar.gz
12:30	Lunch (at MPP canteen)	
14:00	Hands-on sessions 2a (M100 imaging) and 2b (Band 9 calibration) in parallel	
	2a (M100 imaging)	M100all_lores.ms.tgz (in case you didn't create it on day1)
	2b (Band 9 calibration)	band9handson_withproblems.py.txt band9_handson_caltables.tar.gz fluxsteps.py.txt
16:00	Coffee	
16:30	Review and Q&A	
17:00	End of tutorial	

2. Scientific Summary

The workshop was aimed at members of the European ALMA community who are involved in accepted Cycle 1 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. A feedback form was completed by half of the participants with an average satisfaction score of 87%; the basic presentations on techniques and hands-on sessions were most popular and procedural information was rated as less useful on average. Detailed comments were very useful in planning further sessions.

There were 34 participants: from Austria, Chile, Denmark, France, Germany, Italy, Netherlands, Spain, UK. About a third were women.



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

Tutors

- ♣ Martin Zwaan ESO
- ♣ Dirk Petry ESO
- ♣ Liz Humphreys ESO
- ♣ Thomas Stanke ESO
- ♣ Anita Richards UK Manchester University
- ♣ Maria Diaz Trigo ESO
- ♣ Felix Stoehr ESO

Registered Participants

Registration is closed now.

All registrants mentioned in this list under "Participant Name" or "Second Participant Name" are guaranteed a seat at the tutorial, a power socket, and sufficient coffee.

PI Name	Country	Participant Name	Second Participant Name
Grant R. Tremblay	Germany	self	none
Emanuele Daddi	France	self	Matthieu Bethermin
Carlos De Breuck	Germany	Bitten Gullberg	Carlos de Breuck
Eckhard Sturm	Germany	Annemieke Janssen	none
Pierre Kervella	France	Miguel Montargès	none
Alexander Karim	UK	Sune Toft	Alexander Karim
Veronica Strazzullo	France	self	none
Francesco Fontani	Italy	Andrea Giannetti	none
Jorge Gonzalez	Chile	self	none
Bram Venemans	Germany	Roberto Decarli	none
Roberto Maiolino	UK	self	Claudia Cicone
Raffaella Morganti	Netherlands	Raymond Oonk	Wilfred Frieswijk
Katherine Johnston	Germany	self	none
Olivier Groussin	France	Jérémie Boissier	none
Manuel Guedel	Austria	Bibiana Fichtinger	none
Cinthy Herrera	France	self	none
Eva Schinnerer	Germany	Miguel Querejeta	none
James Dunlop	UK	Michal Michalowski	none
Javier R. Goicoechea	Spain	self	none
Christian Henkel	Germany	self	none
Nicolas Biver	France	self	none
Alice Danielson	UK	self	none
Philippe Andre	France	self	none
Roberto Galvan-Madrid	Germany	self	Joël Sanchez-Bermudez
Leonardo Testi	Germany	Anna Miotello	none
Jes Jørgensen	Denmark	Julie Maria Lykke	none
Axel Weiss	Germany	Maria Strandet	none

4. Financial Report / RadioNet3 contribution

In the end no claims were submitted

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/EUARCCASATutorial2013>