

REPORT ON THE RADIONET3 NETWORKING ACTIVITY

TITLE: ALMA COMMUNITY DAYS 2012

DATE: *25-27 JUN 2012* **TIME:** WHOLE DAY

LOCATION: *GARCHING, GERMANY*

MEETING WEBPAGE *http://www.eso.org/sci/meetings/2012/alma_es_2012.html*

HOST INSTITUTE: *ESO*

PARTICIPANTS NO: *~80*

REPORT:

1. Agenda and/or programme of the meeting

The ALMA Community Days 2012 detailed agenda is available at:

http://www.eso.org/sci/meetings/2012/alma_es_2012/program.html

The first day consisted of introductory and scientific talks reporting on the status of ALMA construction and operations as well as new exciting science results from Early Science Cycle 0 and Science Verification. The ALMA science operation procedures and an overview on the tools available for Cycle 1 proposers were summarized. An outlook into the future plans for the ALMA Science Capabilities and the ALMA Development Plan were also given. The second and third day focused on tutorials for the ALMA Observing Tool and the ALMA Simulators. The participants were divided in Novice and Expert groups and the levels of the tutorials were adjusted accordingly.

2. Scientific Summary

Results from Cycle 0 programs and Science Verification projects in the main areas of ALMA Science were presented: Late Type stars (M. Maercker); Submm galaxies (A. Weiss); Debris disks (A. Kospal); the Antennae Galaxies (C. Herrera); ALMA observations of Saturn storms (Th. Cavalie). In addition a general talk on ALMA Science Verification results was given by M. Zwaan.

A full report of the meeting is being written for the ESO Messenger.

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

The list of participants is available on the conference website at:

http://www.eso.org/sci/meetings/2012/alma_es_2012/participants.html

4. Financial Report / RadioNet3 contribution

Radionet 3 funding was used to partially support the trip of a number of participants as listed below (for a total Radionet 3 contribution of about 1500Eur).

Anita Richards - Female - UK - Travel ~250Eur

Bartosz Dabrowski – Male – Polish (based in Czech republic) - Travel+Hotel ~400 Eur

Cinthya Herrera - Female – Chilean (based in France) - Travel or Hotel ~240 Eur

Melanie Gendre – Female – UK - Hotel ~225 Eur

Stephanie Muehle – Female – German - Train+Hotel ~360 Eur

5. Conference Proceedings and Web page

http://www.eso.org/sci/meetings/2012/alma_es_2012.html

Programme

Orange titles may be clicked on to load the pdf version of the presentation!

June 25, 2012

ESO Auditorium

9:30-9:35: Welcome & Practical Information - Suzanna Randall

Session 1: Introduction to ALMA

9:35-10:05: ALMA construction status - Wolfgang Wild

10:05-10:20: [ESAC](#) - Jes Jorgensen

10:20-10:40: [ALMA - The first year of observations](#) - Andreas Lundgren

10:40-10:50: [Cycle 1 scientific capabilities](#) - Leonardo Testi

10:50-11:15: ***Coffee break***

Session 2: Observing with ALMA

11:15-11:20: [The ALMA Science Portal](#) - Felix Stoehr

11:20-11:30: [The ALMA Simulator Tools](#) - Eelco van Kampen

11:30-12:00: [Phase 1: An Introduction to the ALMA OT](#) - Andy Biggs

12:00-12:15: [The Proposal Review Process](#) - Maria Diaz Trigo

12:15-12:35: [Phase 2 Processes and Life at the OSF](#) - Suzanna Randall

12:35-12:50: [Quality Assurance and Data Delivery](#) - Liz Humphreys

12:50-14:15: *** Lunch break ***

Session 3: First ALMA science results

14:15-14:30: ALMA's first look at AGB stars: the secrets of thermal pulses and sculpted winds - Matthias Maercker

14:30-14:45: ALMA redshifts of strongly lensed submm galaxies - Axel Weiss

14:45-15:00: The origin of molecular gas in the oldest gaseous debris disk system HD 21997 - Agnes Kospal

15:00-15:15: The Antennae merger seen by ALMA and SINFONI: mass and energy tracers - Cinthya Herrera

15:15-15:30: Probing Saturn's 2011 storm with Herschel and ALMA - Thibault Cavalle

15:30-15:45: [Science Verification](#) - Martin Zwaan

15:45-16:15: ***Tea break***

Session 4: User support and future ALMA developments

16:15-16:30: [Science Operations and the European ARC](#) - Paola Andreani

16:30-16:45: [The European ARC nodes](#) - Martin Zwaan

16:45-16:55: [Helpdesk](#) - Evanthia Hatziminaoglou

16:55-17:10: [ARTIST](#) - Christian Brinch

17:10-17:30: [Long-term Development of ALMA Science Capabilities](#) - Leonardo Testi

~17:30-19:30: *** Reception in front of the ESO auditorium ***

26. June 2012: Tutorials (Novice and Advanced)

Room L130, IPP Building (Novice group)

Room 231/232, ESO main building (Advanced group)

[OT tutorial script 1](#)

[OT tutorial script 2](#)

9:30-12:30: Simulator Tutorial (Novice group) / OT Tutorial (Advanced group)

[Advanced OT tutorial introduction slides](#)

[Novice Simulator tutorial introduction slides](#)

12:30-14:00: *** Lunch break ***

14:00-17:00: OT Tutorial 1 (Novice group) / Simulator Tutorial (Advanced group)

[Novice OT tutorial introduction slides](#)

27. June 2012: Continued Tutorials (Novice group only)

L130, IPP Building

9:30-12:30: OT Tutorial 2 (Novice group)

Quick links

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Participant list - ALMA Community Days 2012 - Garching 25-27 June 2012

First name	Last name	Institute			
Agnes	Kospal	ESA/ESTEC	Leonardo	Testi	ESO, Garching
Alain	Baudry	Observatoire de Bordeaux	Liz	Humphreys	ESO, Garching
Alan	Bridger	UK Astronomy Technology Centre/STFC	Luca	Cortese	ESO, Garching
Almudena	Prieto	Instituto de Astrofísica de Canarias	Luca	Bizzocchi	Astronomical Observatory of Lisbon
Anaëlle	Maury	ESO, Garching	Manash	Samal	Laboratoire d'Astrophysique de Marseille
Andreas	Lundgren	JAO	Mara	Salvato	MPE, Garching
Andreas	Herzog	Astronomisches Institut der Ruhr-Universität Bochum	Martin	Zwaan	ESO, Garching
Andy	Biggs	ESO, Garching	Matthias	Maercker	ESO/AIA
Angel	Bongiovanni	Instituto de Astrofísica de Canarias	Melanie	Gendre	Jodrell Bank Center for Astrophysics
Anita	Richards	University of Manchester	Montserrat	Villar Martin	Centro de Astrobiología (INTA/CSIC)
Axel	Weiss	Max Planck Institut für Radioastronomie	Nicolas	Grosso	Observatoire Astronomique de Strasbourg
Bartosz	Dabrowski	Astronomical Institute, Academy of Sciences	Olga	Suarez	Observatoire de la Côte d'Azur
Bernd	Husemann	Leibniz-Institut fuer Astrophysik Potsdam	Olja	Panic	University of Cambridge
Christian	Hummel	ESO, Garching	Paola	Andreani	ESO, Garching
Christian	Brinch	Niels Bohr Institute, University of Copenhagen	Patricia	Schady	MPE, Garching
Cinthya	Herrera	Institut d'Astrophysique Spatiale	Paulina Alejandra	Troncoso Iribarren	INAF-ROM
Cristina	Fernandes	Centre for Astronomy and Astrophysics of the University of Lisbon	Philippe	Bendjoya	Observatoire de la Côte d'Azur
Dmitry	Semenov	MPIA, Heidelberg	Rebekka	Grellmann	Universitäts-Sternwarte München
Elvira	Leonardo	Centre for Astronomy and Astrophysics of the University of Lisbon	Roberto	Galvan-Madrid	ESO, Garching
Enno	Middelberg	Astronomisches Institut der Ruhr-Universität Bochum	Rosita	Paladino	INAF-IRA
Evanthia	Hatziminaoglou	ESO, Garching	Sandra	Savaglio	MPE, Garching
Felix	Stöhr	ESO, Garching	Stefanie	Mühle	Argelander-Institut für Astronomie, Bonn
Gabriele	Surcis	Joint Institute for VLBI in Europe	Stefano	Pezzuto	IAPS - INAF
Gwendolyn	Meeus	Universidad Autonoma de Madrid	Stephanie	Pekruhl	Universitäts-Sternwarte München
Ivan	Oteo	Instituto de Astrofísica de Canarias	Steven	Longmore	ESO, Garching
James	Allison	University of Sydney	Suzanna	Randall	ESO, Garching
Jeffrey	Hodgson	Max Planck Institut für Radioastronomie	Thibault	Cavalié	Observatoire de Bordeaux
Jes Kristian	Jorgensen	Niels Bohr Institute, University of Copenhagen	Thomas	Krichbaum	Max Planck Institut für Radioastronomie
Jonathan	Leon-Tavares	Aalto University Metsähovi Radio Observatory	Thorsten	Ratzka	Universitäts-Sternwarte München
Jonathan	Marshall	Universidad Autonoma de Madrid	Tom	Bell	Centro de Astrobiología, Madrid
Jose	Afonso	Astronomical Observatory of Lisbon	Torsten	Loehne	Astrophysical Institute, Jena University
Julian	Krause	Max-Planck-Institute for Physics	Ya-Wen	Tang	Observatoire de Bordeaux
Katharine	Johnston	MPIA, Heidelberg	Yiannis	Tsamis	ESO, Garching
Kathryn	Kreckel	MPIA, Heidelberg			
Ketron	Mitchell-Wynne	Astronomical Observatory of Lisbon			
Ladislav	Rezac	Max Planck Institute, Katlenburg-Lindau			
Laszlo	Szucs	University of Heidelberg			

Just