



Science Community Outreach

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Lead – Science Community Interface Team

ANASAC f2f Meeting – 31 May 2017









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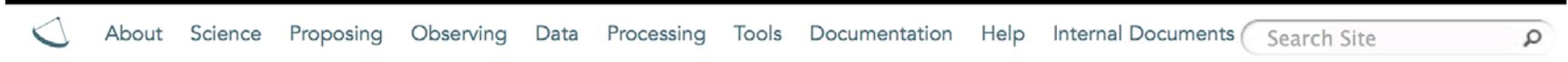
End User Documentation/Science Portal

- Proposer's Guide, Technical Handbook, Primer, Did you know article all updated for Cycle 5 call for proposals
 - Large effort was made to make the overall language and terminology more consistent throughout all documentation
 - Parts of documentation that will need primary attention when the time comes for updates for Cycle 6 are highlighted
- Online data reduction tutorials (i.e. “casaguides”) are now automatically checked against each new CASA release and that information is incorporated into the user-facing materials
- **Planning for Cycle 6:** further development of video tutorials linked to Knowledgebase Articles (i.e. converting single dish fluxes to ALMA sensitivity estimates)

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End User Documentation/Science Portal

- In Cycle 4, the Science Portal was updated and streamlined in a cross-ARC effort to ensure consistency and limit repetition



Observatory News

Cycle 5 Proposal Submission Statistics
May 23, 2017

ALMA Cycle 4 User Survey
May 17, 2017

Announcement to Close Supplemental Call for 7m Array
May 02, 2017

[More...](#)

NRAO News

American Astronomical Society Meeting
Jun 04, 2017

2017 Astrobiology Graduate Conference
Jun 05, 2017

Women in Astronomy IV: The Many Faces of Women Astronomers
Jun 09, 2017

[More...](#)

Status

7m Array Cycle 4 Supplemental Call is now closed

Refereed publications:

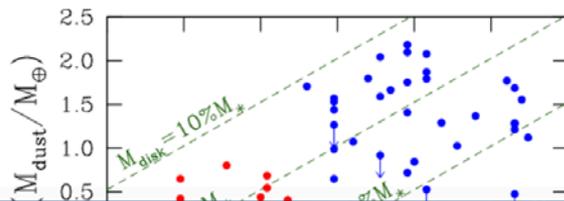
Last observed source:

Current configuration: C40-5

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Science Highlights - Possible Disk Truncation in Ophiuchus Brown Dwarfs

by [Portal Admin](#) — last modified Feb 02, 2017 08:37 AM



The sensitivity, resolution and the wavelength coverage of ALMA makes it an ideal tool for studying the properties of the cold outer disks of young stars and low mass objects. Such observations can aid us in understanding the formation of their central objects and their likelihood of ultimately hosting planets. In a recent *Astronomy & Astrophysics* paper, Dr. Testi and his collaborators made use of ALMA Band 7 to

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f2f Visitor Support: Individuals

- In Cycle 4, the NAASC supported 31 f2f visitors on individual visits
- Before Cycle 4, most advertising of f2f support has occurred during AAS meetings, ALMA Community Day Events and over NRAO eNews email blasts
- **Cycle 4 and beyond:** We have begun more targeted advertising, including reaching out personally to PIs with unpublished datasets as well as students (including those with official SOS funding from the NAASC).
- The visitor program is usually fully booked (2-3 visiting groups per month) and all requests are accommodated

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f2f Visitor Support: Data Reduction Workshops

- The NAASC hosted a Data Reduction Workshop (i.e. a group f2f visit) over January 25-27, 2016 in Charlottesville, Virginia for 9 participants (graduate students, postdocs, professors) from institutions across the US
- Low level of input required for large return
 - Data analyst effort to stage datasets in advance; DA and scientist effort on and off throughout the three day event
 - Users receive highly individualized support and share information upon return to their home institutions. Most note getting the most value from being able to interact with NAASC staff.
 - The workshops appeal to users with a range of expertise, users learn from each other, and ultimately more science gets out.
 - Efforts are more streamlined/condensed but without a loss of individual attention/support
- **Planning for Cycle 5:** aim for two workshops per cycle (Jan & Aug)

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Future Plans:

- **AAS mini-tutorials:** We will host 10-minute “mini-tutorials” at the NRAO booth at the June 2017 AAS meeting covering topics like:
 - ALMA Observing Strategies (Picking the right source and the right telescope configuration)
 - Using the ALMA Archive
 - Overview of ALMA Data Products
 - How to get help reducing your ALMA data
 - Tracking your ALMA Project Status with SnooPI
- **CASA guides:** We have begun a complete census of the CASA guides to update plots to be consistent with new CASA releases (incl move from clean to tclean) and to retire those guides that are no longer used (for example, Cycle 0 SV data).
- Seeking ANASAC support for the Feb 2018 Magnetic fields Meeting in Taiwan and the 2019 ALMA Workshop in Victoria
- Sponsoring Star and Planet Formation 2 in 2017 in Arizona (science conference with goal of providing low or no cost registration for students and other early career scientists)



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