

JMMC report

- “normal” maintenance & improvement of our software suite for interferometry.
- OIFITS version 2 support (CHECKER)
- OImaging: frontend for various image-reconstruction programs.
- a2p2: direct programming of ESO's observations from Aspro
- New interface for our searchable OLBIN bibliography.
- “vlti center” (helpdesk) starting...

Warning: next slide is a sponsored advertisement

FINALLY (!) Through the full observational data lifetime cycle



VLT



CHARA

Prepare Observations

SearchCal

Reduce data
amdlib
pndrs

View Data

OIExplorer

ASPRO

Fit Models

LITPro

CDS Catalogs

OiDB

L0 to L3 DataBases

Reconstruct Images

OImaging

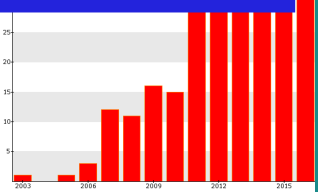


+ Training

+ User Support

+ OLBIN forum
And Publications

JSDC
JMDC



Index	dist	RA	Dec	mag	mag_err	mag_min	mag_max	mag_type
1	0.36	23850	05 47 23.08	+24 06 38.5	0.010	-0.009	0.947	0.965
2	0.46	23850	05 49 08.74	+24 03 32.3	0.714	0.034	0.028	808
3	0.55	23850	05 45 49.41	+24 20 29.9	0.698	0.036	0.418	808
4	0.55	23392	05 44 52.54	+24 06 48.0	0.71	0.031	0.028	808

VLTI - GRAVITY [1.990 μm - 2.450 μm] - A0-G1-J2-K0
Day: 2016-10-05T05:30:45 - Source: MYSTERYYY

target_name	access_url	t_min	instrument_name	when_min	
Alpha_Cen_B	PION	2016-05-28T01:56:00.730_01dataCalibrated	2016-05-28T01:56:12	PIONER	1.51809030
Alpha_Cen_A	PION	2016-05-28T02:15:37.104_01dataCalibrated	2016-05-28T02:15:21	PIONER	1.51809030

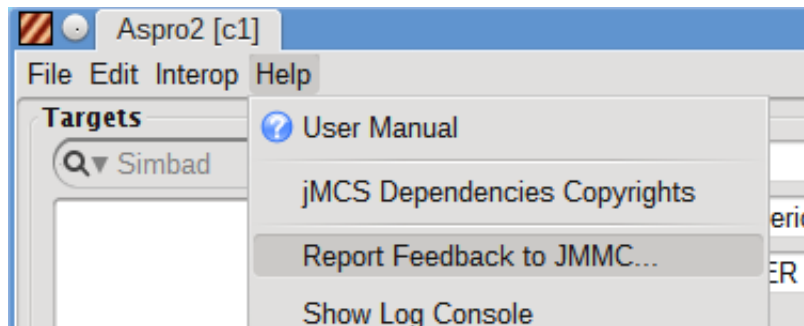
OImaging

- thin java client
- reads OIFITS, write “OIMaging OIFITS” (+image and parameters)
- runs WISARD (IDL/GDL) and BSMEM in the server (or locally).
- Waits eagerly for others nice IR programs that participated to the Opticon FP7-2 JRA.4 program (MIRA, SQUEEZE).
- not so many user comments at the moment...

ASPRO

- Open for new CHARA instruments ^))
- Ready to add e.g., AO star and take it into account in the noise computation.
- Eager for CHARA user returns

• (the



feedback button!)

• a2p2 ...

A2P2

- P2 is ESO's Preparation tool: database of Observing Blocks for accepted/scheduled proposals
- programmable by API (e.g., Python)
- A2P2 is Aspro to P2:
 - aspro gives star's (science,calibrator,AO,FT) basic data & configuration & instrumental mode
 - a2p2 finish filling the OB and send to repository
 - OB is retrieved by instrument and performed.
 - demo for people interested during breaks?
- A2P2 --> A2..Chara?

OLBIN Biblio

- new web interface in progress:
- bibdb.jmmc.fr
- Guillaume demo?

OiDB

- Release in preparation with more data and plots.
- Ready for CHARA day to day ingestion.