

A global Optical Interferometry Database

oidb JMMC group

Why ?

- Promote and preserve interferometric data
- Easy to use for non specialists
- Improve operability within the VO philosophy, boost data analysis,
- Dynamise collaborations

What ?

A public web portal to download:

- L2 (calibrated) and L3 (published) data +
- weekly updated L0 metadata (= observation logs)

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L2/L3 data lists
sent by dataPIs

L0 metadata from
instrument teams

ObsCore data model (IVOA)

OIData portal Home

▲ prototype under development, do not use in production

ADQL Query

Select a collection display all columns

Search

Meta-data will try to follow VO4OI proposal and Ivoa:ObsCore document (get metadata description in the associated [doc](#))

Online portal prototype
1516 observations, 1233 OIFITS files

target_name	access_url	s_ra pos.eq.ra [deg]	s_dec pos.eq.dec [deg]	em_min	em_max	instrument_name	nb_channels	nb_vis	nb_vis2	nb_t3
Achernar	new3_AMBER.2009-10-25T05_28_19.260_-33_32.113_OIDATA_AVG.fits	24.429323	-57.23666	2.14788300	2.19586790	AMBER	508	508	508	508
Achernar	new3_AMBER.2009-10-25T04_50_21.412_-5_37.596_OIDATA_AVG.fits	24.429315	-57.23666	2.14788300	2.19586790	AMBER	508	508	508	508
Achernar	new3_AMBER.2009-10-25T04_15_14.789_-20_29.137_OIDATA_AVG.fits	24.429309	-57.23666	2.14788300	2.19586790	AMBER	508	508	508	508
Achernar	new3_AMBER.2009-10-25T02_09_55.133_-15_10.886_OIDATA_AVG.fits	24.429198	-57.23674	2.14788300	2.19586790	AMBER	508	508	508	508

L0 data synchronization with the VEGA database

HD112185

Search

All data

ObjectName Identifiers	Observation Date MJD	Instrument + instrument mode	Wavelength range (microns)	Run/Program ID	Number of telescopes	Telescopes configuration	Notes	Published	PI contact detail
HD10516	2011.09.28 2455832.000000	VEGA MR656-RB-Polar	0.656	V31	4	W2-W1-S2-E2			Denis Mourard
HD11037	2013.10.25 2456590.000000	VEGA MR720-RB-Polar	0.72	V60	3	E2-E1-W2			Nicolas Nardetto
HD11037	2013.10.27 2456592.000000	VEGA MR720-RB-Polar	0.72	V60	3	E2-E1-W2			Nicolas Nardetto
HD11037	2013.10.27 2456592.000000	VEGA MR720-RB-Polar	0.72	V60	3	E2-E1-W2			Nicolas Nardetto
HD11037	2013.10.27 2456592.000000	VEGA MR720-RB-Polar	0.72	V60	3	E2-E1-W2			Nicolas Nardetto
HD112185	2012.04.18 2456035.000000	VEGA HR777.5-R-Polar	0.7775	V16	2	E1-E2			Karine Perraut
HD118022	2012.04.17 2456034.000000	VEGA MR720-R-Polar	0.72	V16	3	E2-E1-W2			Karine Perraut
HD118022	2013.05.25 2456437.000000	VEGA MR720-R-Polar	0.72	78 VIR	3	E2-E1-W1			Karine Perraut

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Implementation Plan

- > Developing prototype of the web portal
- > On-going collaboration:
 - CHARA instruments (VEGA, CLIMB, CLASSIC)
 - NPOI
 - Coordination with the ESO database (phase 3 for VLTI)

Definition of standard metadata for OI databases

—> Open discussion today: meeting at 2pm, Chartreuse room at IPAG