

Telescope Bibliography Cookbook

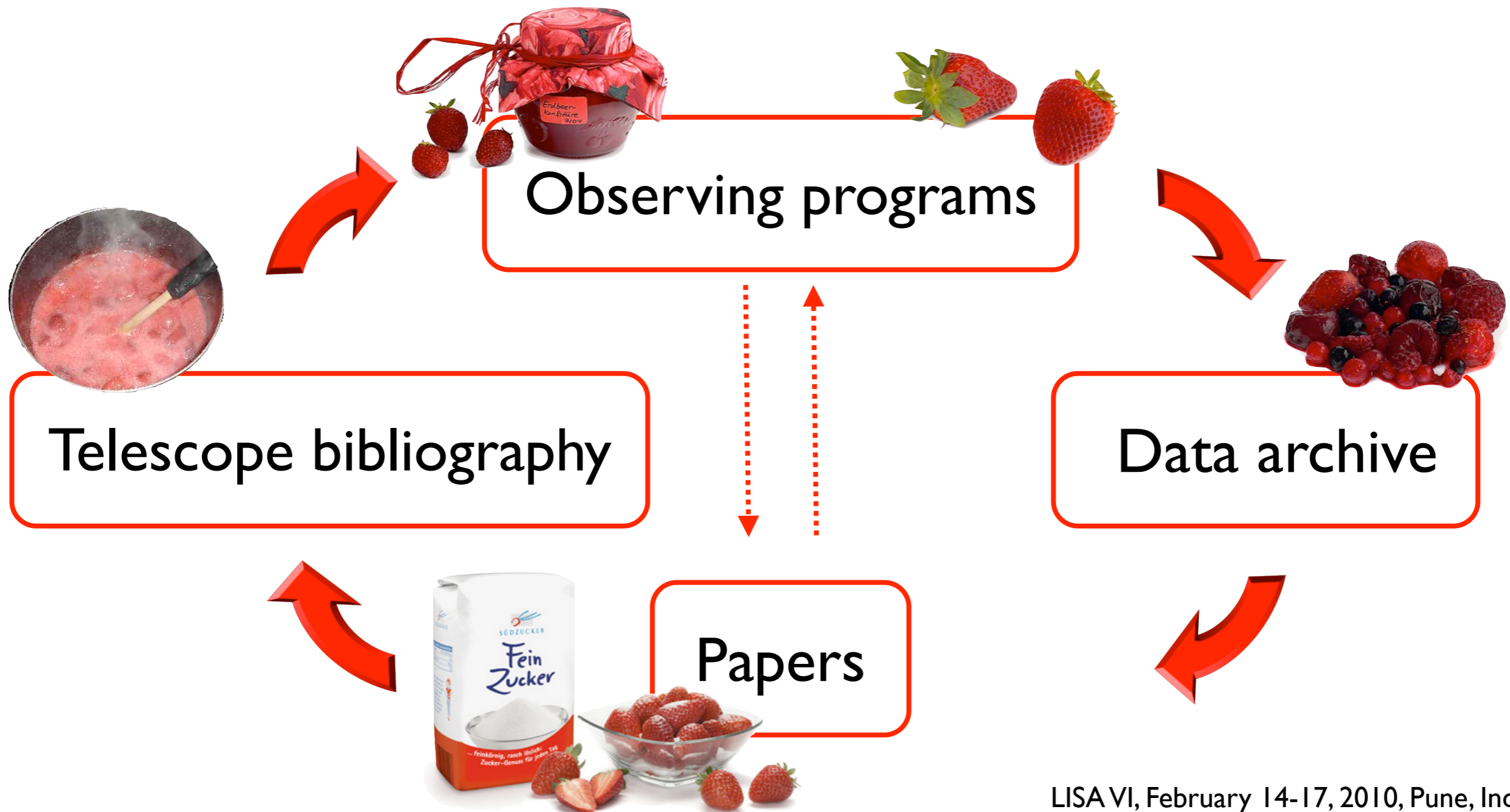
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European Southern Observatory Library



Telbib purpose



From ingredients to the final dish
(Complete the life-cycle of data)



Ingredients



Access to scientific literature, e.g. via ADS



Ideally: full-text search tool, e.g. FUSE



Database for managing records of papers



Policy to determine which papers qualify



Method for assigning keywords or tags



Data archive to link papers and observations

ESO Science Archive



ESO Archive Query Form

[ESO Archive Overview](#) [Help Page](#) [FAQ](#) [Archive Facility HOME](#) [ESO HOME](#)

If you would like to query the Archive for instrument specific parameters, please use the [dedicated query forms](#).
To search for **reduced Data Products**, please have a look at the [ESO Data Products](#) page and the [Advanced Data Products](#) query form.
To search for [HARPS GTO programmes](#), please use the dedicated [HARPS GTO query form](#).

The checkboxes on the right of the parameters define whether or not they will be displayed on the query result page.

[query Help](#) [Status of Requests](#)

Target, Program and Scheduling Information

Target Name <input checked="" type="checkbox"/>	<input type="text"/>	Resolved by SIMBAD <input type="button" value="v"/>
RA	<input type="text"/>	DEC <input type="text"/> J2000
Search Box	<input type="text" value="00 10 00"/>	Input RA(h) DEC(deg) <input type="button" value="v"/>
Output <input checked="" type="checkbox"/>	<input type="text" value="Sexagesimal (h, deg)"/> <input type="button" value="v"/>	Program ID <input checked="" type="checkbox"/> <input type="text"/>
List of Targets	<input type="text"/> <input type="button" value="Browse..."/>	Program Type <input type="checkbox"/> Any <input type="button" value="v"/>
		PI CoI <input checked="" type="checkbox"/> <input type="text"/>
		SV <input type="checkbox"/> Any <input type="button" value="v"/>
		Title <input type="checkbox"/> <input type="text"/>

Observing Dates

ProgramIDs

Authors

Observing Information

Imaging	Spectroscopy	Interferometry	Other
<input type="button" value="ALL"/> <input type="button" value="NONE"/>	<input type="button" value="ALL"/> <input type="button" value="NONE"/>	<input type="button" value="ALL"/> <input type="button" value="NONE"/>	<input type="button" value="ALL"/> <input type="button" value="NONE"/>
<input type="checkbox"/> VLT/FORS1	<input type="checkbox"/> VLT/CRIRES	<input type="checkbox"/> VLT/VINCI	<input type="checkbox"/> APEX/HET
<input type="checkbox"/> VLT/FORS2	<input type="checkbox"/> VLT/FORS1	<input type="checkbox"/> VLT/MIDI	<input type="checkbox"/> APEX/BOL
<input checked="" type="checkbox"/> VLT/HAWKI	<input type="checkbox"/> VLT/FORS2	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> VLT/ISAAC	<input type="checkbox"/> VLT/GIRAFFE	<input type="checkbox"/> VLT/AMBER	<input type="checkbox"/> UKIRT/WFCAM

Telescopes / Instruments

Data Product Info
Type <input checked="" type="checkbox"/> Any <input type="button" value="v"/>
User defined input: <input type="text"/>
Category <input checked="" type="checkbox"/> Mode <input checked="" type="checkbox"/> Any <input type="button" value="v"/>

Telescopes / Instruments

ESO Science Archive



ESO Observing Programmes

Program IDs from ESO Archive

[Archive Facility HOME](#)

[ESO HOME](#)

[Form INFO](#)

Define new query

Allocation	Period	Mode	Prog ID	Nights	Programme	Instrument	PI/CoI	Raw Products
181.A-0717(B), Service Mode, VLT-Yepun	82	Service	181.A-0717(B)	0 hrs	Large	HAWKI	Fontana/ Bouwens/ Cristiani/ Dickinson/ Giallongo/ Grazian/ Maiolino/ Mannucci/ Menci/ Moorwood/ Nonino/ Pentericci/ Rosati/ Salimbeni/ Vanzella	FileList
181.A-0717(B), Service Mode, VLT-Yepun	81	Service	181.A-0717(B)	17 hrs	Large	HAWKI	Fontana/ Bouwens/ Cristiani/ Dickinson/ Giallongo/ Grazian/ Maiolino/ Mannucci/ Menci/ Moorwood/ Nonino/ Pentericci/ Rosati/ Salimbeni/ Vanzella	FileList

A total of 2 were found matching the provided criteria

Cooking time



Depends on



telbib database content

➔ bibliographic record

➔ tags, keywords

➔ program IDs



details provided by authors of papers

Fast-Food Recipe



High heat for fast result



Institutional policy applied by authors



ESO: program IDs in footnote



Also check Acknowledgments, Facilities,
Observations, Abstract, Tables



Verify programs !

ESO - Publications with ESO Data

http://www.eso.org/sci/observing/policies/publications.html

European Southern Observatory

Policies and Procedures

ESO — Reaching New Heights in Astronomy

ESO Home User Portal Contact Site Map Search Go!

Science Users Information > Observing Information > Policies and Procedures > Publications with ESO Data 16 Jan 2010

Publications based on ESO Data

Publications based on observations collected at the ESO La Silla Paranal Observatory should mention in a footnote on the first page "Based on observations collected at the European Organisation for Astronomical Research in the Southern Hemisphere, Chile" including the corresponding observing proposal which should clearly be identified by its ESO number (example: 072.A-0555).

The footnote shall be included regardless of the observing mode (visitor/service), the programme type (Normal, ToO, Guaranteed Time, Large, DDT) and whether these are new observations or data obtained from the ESO Archive.

Please notify Uta Grothkopf at esodata@eso.org upon acceptance or publication of a paper based on ESO data, including the bibliographic reference (article title, authors, journal title, volume, year, pages) and the program IDs of the data used.

**ESO + program IDs
in footnote**

Done zotero

ESO - Publications with ESO Data

http://www.eso.org/sci/observing/policies/publications.html

European Southern Observatory

Policies and Procedures

ESO — Reaching New Heights in Astronomy

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Please notify Uta Grothkopf at esodata@eso.org upon acceptance or publication of a paper based on ESO data, including the bibliographic reference (article title, authors, journal title, volume, year, pages) and the program IDs of the data used.

2009: approx. 60% proIDs in footnote or acknowledgments

ESO + program IDs in footnote

Done zotero

Examples I



* Based on observations made with the ESO very large telescope at Paranal Observatory under programs 076.D-0575, 077.D-0095, 076.D-0141, 380.D-0340, and 280.C-5071, with the ESO 1.52-m and archival ESO data.

Program IDs in Footnote

Facilities: Max Planck: 2.2m (GROND), VLT: Antu (FOR2), Swift, XMM-Newton

Instruments in Facilities

Table 1. GRB sample and log of UVES observations.

GRB (yyymmdd)	UT ^a <i>Swift</i>	δt^b (hh:mm)	t_{total}^c (h)	ESO Program ID	PI
021004	12:06:13	13:31	2.0	070.A-0599 ^d	Fiore
050730	19:58:23	04:09	1.7	075.A-0603	Fiore
050820A	06:34:53	00:33	1.7	075.A-0385	Vreeswijk
050922C	19:55:50	03:33	1.7	075.A-0603	Fiore
060418	03:06:08	00:10	2.6	077.D-0661	Vreeswijk
060607A	05:12:13	00:08	3.3	077.D-0661	Vreeswijk
071031	01:06:36	00:09	2.6	080.D-0526	Vreeswijk
080310	08:37:58	00:13	1.3	080.D-0526	Vreeswijk
080319B	06:12:49	00:09	2.1	080.D-0526 ^e	Vreeswijk
080413A	02:54:19	03:42	2.3	081.A-0856	Vreeswijk

^a UT of trigger by the BAT instrument on-board *Swift*. Exception: GRB 021004, detected by *WXM* on-board *HETE-2*. ^b Time delay between the satellite trigger and the start of the first UVES exposure. ^c Total UVES exposure time including all instrument setups. ^d Also 070.D-0523 (PI: van den Heuvel). ^e Also 080.A-0398 (PI: Fiore).

Program IDs in Table

3. Observations and data reduction

3.1. LABOCA

LABOCA is a multi-channel bolometer array for continuum observations at 870 μm , built by MPIfR (Max-Planck-Institut für Radioastronomie, Bonn, Germany) and mounted on *APEX* (Atacama Pathfinder Experiment), a 12-m radio telescope of ESO, Onsala and MPIfR. The array consists of 295 channels. *LABOCA* on *APEX* has a total field of view of $11'4 \times 11'4$ and a full width half maximum (*FWHM*) of its point spread function (PSF) $\sim 18.2''$.

About 30 h of observations were taken from November 9th 2007 to November 20th 2007 (Program ID: 080.B-3003(A)). The four galaxies are smaller than the FOV of *LABOCA*. Basic spiral patterns with 4 pointings were combined with a raster mapping mode (raster-spiral) to completely fill

Program ID in text

Medium-speed Recipe



Simmer under moderate heat

Paper:



Check Observations section or Tables for observing dates

Data Archive:



Check authors' names + observed object (does not work for archival observations)



Check instruments + observation dates

Examples 2



Table 1. AMBER and MIDI observing logs.

Date	Stations	projected baseline	
		Length [meter]	PA [degrees]
AMBER 1 (UT)			
18/02/2006, 3h	UT1-3-4	95, 57, 129	22, 88, 46
18/02/2006, 8h	UT1-3-4	71, 62, 102	65, 145, 102
AMBER 2 (AT)			
01/03/2008, 2h	K0-G1-A0	83, 78, 128	-168, -94, -132
05/03/2008, 3h	G1-D0-H0	63, 64, 60.0	-59, 64, 3
06/03/2008, 5h	G1-D0-H0	69, 60, 58	-37, 90, 19
06/03/2008, 7h	G1-D0-H0	71, 52, 33	-15, 117, 33
10/03/2008, 3h	H0-G0-E0	31, 15.6, 46.8	-102
11/03/2008, 0h	H0-G0-E0	32, 16, 47	-147
12/03/2008, 0h	H0-G0-E0	32, 16, 48	-145
MIDI (AT)			
26/02/2006, 4h	D0-G0	31.3	76.3
27/02/2006, 6h	A0-G0	57.1	101.3
01/03/2006, 1h	A0-G0	63.5	38.1
01/03/2006, 5h	A0-G0	61.1	85.1
19/04/2006, 4h	D0-G0	25.4	123.1
23/05/2006, 2h	A0-G0	51.7	120.0
25/05/2006, 1h	A0-G0	54.4	110.6

Observing dates in Table

1. Observations and data processing

1.1. AMBER/VLTI near-IR interferometry

HD 87643 was observed at the ESO/Paranal observatory with the Astronomical Multi BEam Recombiner (AMBER), the near-infrared instrument of the VLTI (Petrov et al. 2007). The observations were carried out on February 18, 2006 in medium spectral resolution ($R = 1500$) and during a series of nights in March 2008 at low spectral resolution ($R = 35$). AMBER uses three 8m telescopes (Unit Telescopes, hereafter UT) or three 1.8m telescopes (Auxiliary Telescopes, hereafter AT). The calibration stars used were HD 109787, HD 86440, HD 101531, HD 63744

Observing dates in Observations section

Slow-Food Recipe



Reduce heat, continue cooking



Read full-text carefully, look for previously published papers in same series



Check Acknowledgment: data provided by colleagues?



Observations taken during technical time w/o proper program IDs?

Examples 3



During a technical-time slot on the nights of June 3 and 4, 2006, we observed 8 supplementary stars with the HARPS facility mounted at the 3.6 m telescope in La Silla. The standard high resolution HARPS mode ($R = 110\,000$, 380–690 nm spectral range) was employed. Stars were observed for an integration time ranging from 800 s (#465) to 1200 s (all the others). Additional HARPS observations were obtained for stars #1006, #1022, and #1083 in July 2006, with 30 min exposures. The June 29, 2006 star #1006 was observed for one hour integration time.

Data taken during technical time

In Paper I (Schwarzkopf & Dettmar 2000a) a detailed description of the project structure and its main questions was given. We reported on the sample selection, observations, and data reduction as well as on the disk modelling- and fitting procedure.

Referring back to previously published paper (Paper I)

We thank N. Suntzeff, R. Kraft, J. Norris, G. Meylan, and J. Jurcsik for providing their data in computer-readable form and Luca Pasquini and Alvio Renzini for many stimulating discussions. We are also indebted to

Acknowledgment of observers who provided data

The R -band image of NGC 92 was obtained at La Silla Observatory with the NTT telescope. It was taken on Oct. 27th 1994, within a program to monitor the supernova SN1994Z, which was discovered in October 1994, in the galaxy NGC 87, a close companion to NGC 92. The seeing was 1" and the pixel scale was 0.27 "/pixel. The zeropoint was estimated with calibration stars taken on the same night as the targets.

Observing date + instrument + object
in text

Final Steps



When all else fails...



Contact author for clarification

Result



Delicious meal that serves many people

(Database that links published literature with observational data, and vice versa.)