



European
Southern
Observatory



ESO Telescope Bibliography

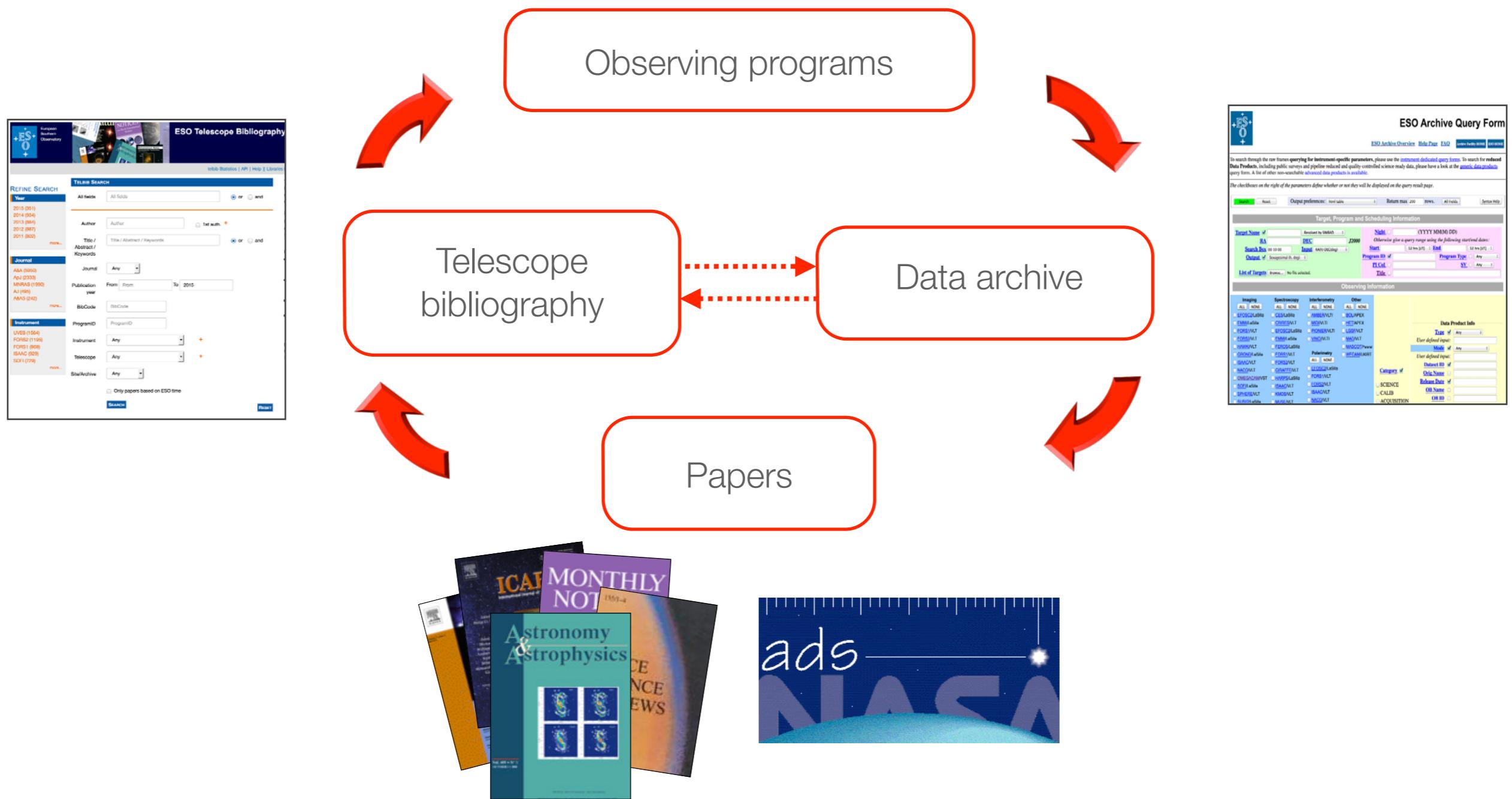
TELESCOPE BIBLIOGRAPHIES: SHARED CURATION, BETTER RESULTS

Uta Grothkopf & Silvia Meakins
ESO Library
library@eso.org

Data lifecycle



Maximum return of science
benefits from observing
proposals





ESO Telescope Bibliography (telbib)

► What?

- Database of **refereed papers** that **use ESO data**

**HARMONIZE
SELECTION CRITERIA**

► How?

- telbib **methodology** explained

IMPROVE WORKFLOWS

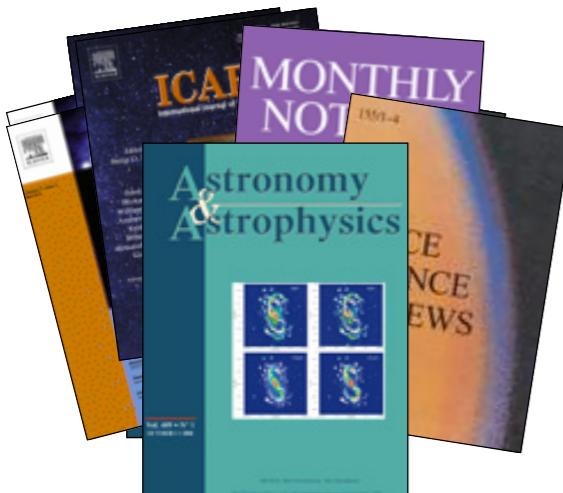
► Why?

- **interconnect** resources (proposals -> papers / papers -> data)
- measure ESO's **scientific output** (productivity + impact)
- **evaluate performance** of telescopes + instruments
- define guidelines for **future facilities**
- put **ESO in context** with other observatories

EXPLORE CONTEXT

ESO Telescope Bibliography (telbib): workflow

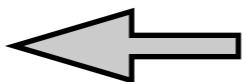
Scientific literature



ESO Telescope Bibliography (telbib): workflow



Access via NASA ADS Abstract Service



Telescope Bibliography (telbib): workflow

Scientific literature



Semi-automated search tool FUSE

A screenshot of the FUSE semi-automated search tool interface. The interface has a sidebar with options like 'Search', 'Admin', and 'Last Resort'. The main area shows a 'Current Query' with details about the search (User: Uta, Query Date: 2012-03-03 17:04:31, etc.). A search result for '2012MNRAS.420..346G' is displayed, showing the title 'Stellar velocity dispersion of luminous compact galaxies at intermediate redshift' and a snippet of the text. The snippet discusses the 'FORS1 and FORS2 on the VLT' spectrograph and its resolution.

Telescope Bibliography (telbib): workflow

fuse  fulltext search

Search 

- » [Insert](#)
- » [Queue](#)

Admin 

- » [Journals](#)
- » [Displays](#)
- » [Stop Words](#)
- » [Keywords](#)
- » [Searches](#)
- » [Help](#)

Last Resort 

- » [Insert](#)
- » [Manual](#)

Current Query

User: Uta
Query Date: 2012-03-03 17:04:31
Journals Searched:
Query Link: http://adsabs.harvard.edu/cgi-bin/nph-abs_connect?...
Dates Searched: 0000-00-00 - 0000-00-00
Notes: Dates Searched: 2012-01-13 - 2012-01-20
Records Searched: 1
Keywords found: 11

[View Search Log](#)

[Delete Selected](#) | [Delete Included](#) | [Delete All Records](#) | [Fulltext Search](#) | [Export Records](#) [- choose - ▾]

ID#	Status	Search	Record/Keyword(s)	LookInside	Online	Delete	Debug
88795		Not Included	2012MNRAS.420..346G Gruel, N. Stellar velocity dispersion of luminous compact galaxies at intermediate redshift Monthly Notices of the Royal Astronomical Society, Volume 420, Issue 1, pp. 346-351.	88795.txt	PDF/HTML	<input type="checkbox"/>	debug

"00) spectrograph FORS1 and FORS2 on the **VLT**/Kuyen telescope. The spectra revealed some strong a"
" the velocity field for some LCGs using **GIRAFFE** at the VLT. However, because of the small appar"
"hs for a handful of LCGs, measured with **ISAAC** at the VLT (Tresse et al. 2002), show a 'double h'"
" observed 22 of these galaxies with the **FORS**/R600 and I600 spectrograph at the European South"
"ion ($R > 600$) spectrograph **FORS** 1 and **FORS** 2 on the VLT/Kuyen telescope. The spectra revealed"
"te resolution ($R > 600$) spectrograph **FORS** 1

visual inspection

ESO TELBIB SELECTION CRITERIA:

Papers that

- ▶ partly or exclusively **use ESO data**
- ▶ **proprietary** (obt. by authors) or **archival**

→ included

Papers that

- ▶ **quote** results from literature
- ▶ describe **instrumentation / software**
- ▶ mention **ongoing projects**
- ▶ suggest **future observations**
- ▶ use data in **models** or **simulations** merely as examples
- ▶ use images only as **visual reference**

→ excluded

- ➔ J. Lagerstrom, S. Winkelman, U. Grothkopf & M. Bishop (2012): Observatory bibliographies: current practices

Proc. SPIE 8448, doi:10.1117/12.925482

<http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=1359172>

rkflow

Search | Export Records - choose - ▾
LookInside Online Delete Debug
88795.txt PDF/HTML debug

visual inspection

Telescope Bibliography (telbib): workflow

fuse fulltext search

Search

- » [Insert](#)
- » [Queue](#)

Admin

- » [Journals](#)
- » [Displays](#)
- » [Stop Words](#)
- » [Keywords](#)
- » [Searches](#)
- » [Help](#)

Last Resort

- » [Insert](#)
- » [Manual](#)

Current Query

User: Uta
Query Date: 2012-03-03 17:04:31
Journals Searched:
Query Link: http://adsabs.harvard.edu/cgi-bin/nph-abs_connect?...
Dates Searched: 0000-00-00 - 0000-00-00
Notes: Dates Searched: 2012-01-13 - 2012-01-20
Records Searched: 1
Keywords found: 11

[View Search Log](#)

[Delete Selected](#) | [Delete Included](#) | [Delete All Records](#) | [Fulltext Search](#) | [Export Records](#) [- choose - ▾]

ID#	Status	Search	Record/Keyword(s)	LookInside	Online	Delete	Debug
88795		Not Included	2012MNRAS.420..346G <i>Gruel, N.</i> Stellar velocity dispersion of luminous compact galaxies at intermediate redshift Monthly Notices of the Royal Astronomical Society, Volume 420, Issue 1, pp. 346-351.	88795.txt	PDF/HTML	<input type="checkbox"/>	debug

transfer metadata from ADS to telbib

"00) spectrograph FORS1 and FORS2 on the **VLT**/Kuyen telescope. The spectra revealed some strong a"
" the velocity field for some LCGs using **GIRAFFE** at the VLT. However, because of the small appar"
"hs for a handful of LCGs, measured with **ISAAC** at the VLT (Tresse et al. 2002), show a 'double h'"
" observed 22 of these galaxies with the **FORS**/R600 and I600 spectrograph at the European South"
"ion ($R > 600$) spectrograph **FORS 1** and **FORS 2** on the VLT/Kuyen telescope. The spectra revealed"
"te resolution ($R > 600$) spectrograph **FORS 1**

visual inspection

Telescope Bibliography (telbib): workflow

Scientific literature



Semi-automated search tool FUSE

A screenshot of the FUSE search interface. The main window shows a "Current Query" with the following details:

- User: Uta
- Query Date: 2012-03-03 17:04:31
- Journal Searched: Query Link: http://adsabs.harvard.edu/cgi-bin/nph-abs_connect?...
- Dates Searched: 0000-00-00 - 0000-00-00
- Notes: Dates Searched: 2012-01-13 - 2012-01-20
- Records Searched: 1
- Keywords found: 11

The results table shows one record:

ID#	Status	Search	Records/Keyword(s)	LookInside	Online	Delete	Debug
88795	Not Included	2012MNRAS.420..346G	88795.txt PDF/HTML				debug

A detailed description of the paper follows:

"[...] spectrograph FORS1 and FORS2 on the VLT (Kuken telescope). The spectra revealed some strong a* [...] the velocity field for some LCGs using GIRAFFE at the VLT. However, because of the small aperture for a handful of LCGs measured with ISAAC at the T850 (T850 = 850), showed a* [...] observed 22 of these galaxies with the FORS1/R600 and 1600 spectrograph at the European South* [...] resolution ($R > 600$) spectrograph FORS 1 and FORS 2 on the VLT/Kuken telescope. The spectra revealed [...] *resolution ($R > 600$) spectrograph FORS 1."

Telbib database (back-end)

A screenshot of the telbib database back-end search interface. The search form includes fields for BibCode, PaperID, Author, Affiliation, Country, ESO Site, Journal, Volume, Pages, ESO Author, Pub Month/Year, Title, Private Comment, ESO Program, Partner, Type, Mode, and Refereed status. A large sidebar lists various instruments and programs, such as VISTA, VISICAM, VLT, CRIMES, FLAMES-GIRAFFE, FLAMES-UV, FORS1, FORS2, HAWK-I, ISAK, JAMBER, LaserGuideStarFacility, MAD, NACO, SPHERE, SPIFFI, JUVE, VIMOS, VPHOT, X-SHOOTER, VLT visitor, ULTRACAM_VLT, VLT, JAMBER, GRAVITY+MATTISSE, no ProgramID, PRIMA, VPHOT, and others. There are also sections for Index, Instrument Counts, Top Tel/Ins Pairs, and non-ESO papers. At the bottom, there are checkboxes for Make Public (Yes, No, Both), Refereed (Yes, No, Both), and a note about VLT archive papers.

Telescope Bibliography (telbib): workflow

Scientific literature



Semi-automated search tool FUSE

The screenshot shows the FUSE search interface with the following details:

- Current Query:** User: Uta, Query Date: 2012-03-03 17:04:31, Journal Searched: [Query Link](http://adsabs.harvard.edu/cgi-bin/nph-abs_connect?...)
- Notes:** Dates Searched: 0000-00-00 - 0000-00-00, Record Searched: 1, Keywords found: 11.
- Results:** ID# 88795, Status: Not Included, Record: 2012MNRAS.420..346G, LookInside: 88795.txt, Online: PDF/HTML, Delete: debug.
- Text Preview:** "100 spectrograph FORS1 and FORS2 on the VLT /Kuken telescope. The spectra revealed some strong a*".



Telbib database (back-end)

The screenshot shows the telbib configuration interface with the following details:

- Configuration:** Search telbib, Main Menu, Home, New ADS, New Recd, Search, Modify, Edit Telescopes, Check BibRecords.
- Search telbib:** BibCode: [] PaperID: []
- Fields:** Author, Affiliation, Country, ESO Site, Journal, Volume, Pages, ESO Author.
- Fulltext Search:** Title: [] Private Comment: []
- Insert Records:** Scan Records.
- Statistics:** ESO Program: [] Partner: [] Mode: [] Visitor: [] Service: [] Any: [] Number of ESO ProgramIDs: > [] = [] no ProgramID: [] Date Entered: Since Mar 1 2012 Before Mar 5 2012.
- Instrument Counts:** Top Tel/Ins Pairs non-ESO papers.
- Programs:** Mask Public: Yes, Non-ESO APEX, Non-ESO ALMA, PressRelease, Yes All, No. Mask Refereed: Yes, No, Both.
- Facilities:** AND OR.
- Notes:** All VLT archive papers; other VLT as well as Chandra + Lya public papers since pulsar 2011; Archive (in combination with Instrument or any program info).



Tags + proIDs for telbib records

The screenshot shows the 'Edit Paper' interface with the following details:

- Record:** PaperID: 44244 BibCode: 2012MNRAS.415.1479W View, CitationCount: 17.
- Title:** The LABOGA survey of the Extended Chandra Deep Field-South: a photometric redshift survey of submillimetre galaxies
- Private Comment:** Info in addendum. Also from (proff.) Iren (Spall). len.maitland@durham.ac.uk; b.on.183.A-0666, (078.F-0028, 079.F-0000, 080.A-3023, 081.F-0000+LABOGA; 171.A-3045, 188.A-0465+200205_GOODIES etc, 092.A-0890+HAWK-I, 183.A-0666+VIRGO2, 081.2007 from Iren).
- Author:** J. Wardlow, L. Smale, I. Coppi, K. E. K., A. J. Arribalzaga, N. H. Barmby, M. J. Barmby, R. J. Cawthon, A. M. Cawthon, R. J. Walter, F. J. Webb, A. 111, Xue, Y. Q.; 12.) Ziliani, S.; 13.) Bertoldi, F.; 14.) Biggs, A. D.; 15.) S. 16.) 17.) 18.) 19.) 20.) 21.) 22.) 23.) 24.) 25.) 26.) 27.) 28.) 29.) 30.) 31.) 32.) 33.) 34.) 35.) 36.) 37.) 38.) 39.) 40.) 41.) 42.) 43.) 44.) 45.) 46.) 47.) 48.) 49.) 50.) 51.) 52.) 53.) 54.) 55.) 56.) 57.) 58.) 59.) 60.) 61.) 62.) 63.) 64.) 65.) 66.) 67.) 68.) 69.) 70.) 71.) 72.) 73.) 74.) 75.) 76.) 77.) 78.) 79.) 80.) 81.) 82.) 83.) 84.) 85.) 86.) 87.) 88.) 89.) 90.) 91.) 92.) 93.) 94.) 95.) 96.) 97.) 98.) 99.) 100.) 101.) 102.) 103.) 104.) 105.) 106.) 107.) 108.) 109.) 110.) 111.) 112.) 113.) 114.) 115.) 116.) 117.) 118.) 119.) 120.) 121.) 122.) 123.) 124.) 125.) 126.) 127.) 128.) 129.) 130.) 131.) 132.) 133.) 134.) 135.) 136.) 137.) 138.) 139.) 140.) 141.) 142.) 143.) 144.) 145.) 146.) 147.) 148.) 149.) 150.) 151.) 152.) 153.) 154.) 155.) 156.) 157.) 158.) 159.) 160.) 161.) 162.) 163.) 164.) 165.) 166.) 167.) 168.) 169.) 170.) 171.) 172.) 173.) 174.) 175.) 176.) 177.) 178.) 179.) 180.) 181.) 182.) 183.) 184.) 185.) 186.) 187.) 188.) 189.) 190.) 191.) 192.) 193.) 194.) 195.) 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Telescope Bibliography (telbib): workflow

Edit Paper

The current record has been updated.

PaperID: 44244 BibCode: 2011MNRAS.415.1479W [View](#)

CitationCount: 17

Title:
The LABOCA survey of the Extended Chandra Deep Field-South: a photometric redshift survey of submillimetre galaxies

Private Comment:
pro in acknowl. Also em from (prof.) Ian (Smail ian.smail@durham.ac.uk): b.on 183.A-0666. {078.F-9028, 079.F-9500, 080.A-3023, 081.F-9500=LABOCA; 171.A-3045, 168.A-0485=VIMOS GOODS arc, 082.A-0890=HAWK-I, 183.A-0666=VIMOS} WFI, SOFI from lit.

e.g. Affil corrected manually | Non-ESO APEX paper. | HARPS ADP/ESO as disc. w/ Jeremy Walsh 31/3/11 | N. Delmotte: UVES POP (266.D-5655) not ADP nor Archive [unless retrieved from Arc] 24/8/07

[\[+\] Abstract, Keywords, Public Comment, URL](#)

List of Programs

ID	Mode	Part	Type	Instrument	Archive	Del
078.F-9028	sm	ESO	Normal	LABOCA	N	<input type="checkbox"/>
079.F-9500	sm	MPG	Normal	LABOCA	N	<input type="checkbox"/>
080.A-3023	sm	ESO	Normal	LABOCA	N	<input type="checkbox"/>
081.F-9500	sm	MPG	Normal	LABOCA	N	<input type="checkbox"/>
171.A-3045	sm	-	Large	VIMOS	Y	<input type="checkbox"/>
168.A-0485	sm	-	Large	VIMOS	Y	<input type="checkbox"/>
082.A-0890	sm	-	Normal	HAWK-I	N	<input type="checkbox"/>
183.A-0666	sm	-	Large	VIMOS	N	<input type="checkbox"/>
		-	Any	-	N	<input type="checkbox"/>

Instr. + pro IDs

Refereed Made Public

ProgramID found
Best source: ProgramID

Location: Acknowledgements
Facilities:

Data Management:

ADSQueryOK: Yes
EntryDate: Jul 25 2011 3:41PM
ModifiedDate: Sep 9 2011 3:18PM
ADSQueryDate: Sep 9 2011 11:28AM
MadePublicDate: Jul 25 2011 3:49PM

Other tags

Author(s): (Add/Edit/Delete)

1.) Wardlow, J. L.; 2.) Smail, Ian; 3.) Coppin, K. E. K.; 4.) Alexander, D. M.; 5.) Brandt, W. N.; 6.) Danielson, A. L. R.; 7.) Luo, B.; 8.) Swinbank, A. M.; 9.) Walter, F.; 10.) Weiß, A.; 11.) Xue, Y. Q.; 12.) Zibetti, S.; 13.) Bertoldi, F.; 14.) Biggs, A. D. ;
15.) Chapman, S. C.; 16.) Dannerbauer, H.; 17.) Dunlop, J. S.; 18.) Gawiser, E.; 19.) Ivison, R. J.; 20.) Knudsen, K. K.; 21.) Kovács, A.; 22.) Lacey, C. G.; 23.) Menten, K. M.; 24.) Padilla, N.; 25.) Rix, H.-W.; 26.) van der Werf, P. P.;

First Author:
Wardlow, J. L.

Journal:
MNRAS

Volume:
415

Page:
1479-1508

Month/Year:
8 2011

Edit TelBib Paper OR **Close Window**

▶ define policies
▶ apply them consistently

Telescope Bibliography (telbib): workflow

[+] Abstract, Keywords, Public Comment, URL

Abstract:

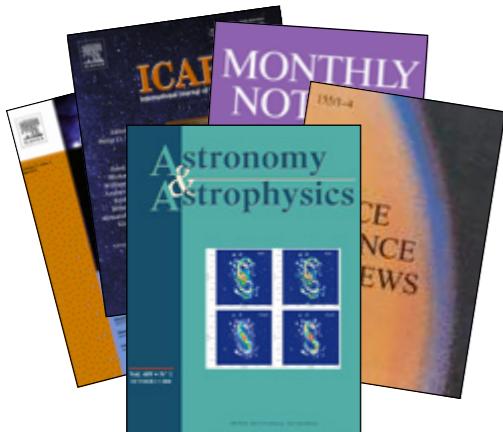
We derive photometric redshifts from 17-band optical to mid-infrared photometry of 78 robust radio, 24- μm and Spitzer IRAC counterparts to 72 of the 126 submillimetre galaxies (SMGs) selected at 870 μm by LABOCA observations in the Extended Chandra Deep Field-South (ECDF-S). We test the photometric redshifts of the SMGs against the extensive archival spectroscopy in the ECDF-S. The median photometric redshift of identified SMGs is $z = 2.2 \pm 0.1$, the standard deviation is $\sigma z = 0.9$ and we identify 11 (~ 15 per cent) high-redshift ($z \geq 3$) SMGs. A statistical analysis of sources in the error circles of unidentified SMGs identifies a population of possible counterparts with a redshift distribution peaking at $z = 2.5 \pm 0.2$, which likely comprises ~ 60 per cent of the unidentified SMGs. This confirms that the bulk of the undetected SMGs are coeval with those detected in the radio/mid-infrared. We conclude that at most ~ 15 per cent of all the SMGs are below the flux limits of our IRAC observations and thus may lie at $z \gtrsim 3$ and hence at most ~ 30 per cent of all SMGs have $z \gtrsim 3$. We estimate that the full $S_{870 \mu\text{m}} > 4 \text{ mJy}$ SMG population has a median redshift of 2.5 ± 0.5 . In contrast to previous suggestions, we find no significant correlation between submillimetre flux and redshift. The median stellar mass of the SMGs derived from spectral energy distribution fitting is $(9.1 \pm 0.5) \times 10^{10} M_\odot$ although we caution that the uncertainty in the star formation histories results in a factor of ~ 5 uncertainty in these stellar masses. Using a single temperature modified blackbody fit with $\beta = 1.5$, the median characteristic dust temperature of SMGs is $37.4 \pm 1.4 \text{ K}$. The infrared luminosity function shows that SMGs at $z = 2\text{-}3$ typically have higher far-infrared luminosities and luminosity density than those at $z = 1\text{-}2$. This is mirrored in the evolution of the star formation rate density (SFRD) for SMGs which peaks at $z \sim 2$. The maximum contribution of bright SMGs to the global SFRD (~ 5 per cent for SMGs with $S_{870 \mu\text{m}} \gtrsim 4 \text{ mJy}$ or ~ 50 per cent extrapolated to SMGs with $S_{870 \mu\text{m}} > 1 \text{ mJy}$) also occurs at $z \sim 2$.

ADSKeywords:

galaxies: evolution, galaxies: high-redshift, galaxies: starburst, submillimetre: galaxies

Telescope Bibliography (telbib): workflow

Scientific literature



Semi-automated search tool FUSE

Telbib database (back-end)

Data archive

	ESO	Observing Programmes
		User Help HOME LOG IN HOME Print PDF
<hr/>		
Define new query		
171.A-3045(A), Service Mode, UT3-Melipal		
Period	73	Mode
Telescope	UT3-Melipal	Service
Nights	0 hrs	
Programme Type	Liege	
Instrument	VIMOS	
PI/Coll	CESARSKY/ BERGERON/ CRISTIANI/ DA COSTA/ DADOU/ DICKINSON/ ELBAZ/ ETTORU/ FOSBURY/ GIAVALISCO/ HOOK/ KUNTZSCHNER/ LEHBRUNGUET/ NONINO/ RENZINI/ ROSATI	
Observer		
Remarks	Large Programme/ carryover	
Title	<i>The Great Observatories Origins Deep Survey: ESO Public Observations of the SIRTF Legacy/HST Treasury/Chandra Deep Field South</i>	
Abstract	<i>Abstract of proposal</i>	
New Products	PIELIST	
Publications	Publication List [25]	

Tags + proIDs for telbib records

Telescope Bibliography (telbib): workflow

 **ESO Observing Programmes**

[Archive Facility HOME](#) [ESO HOME](#) [Form INFO](#)

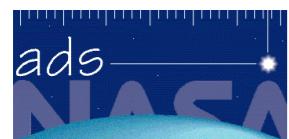
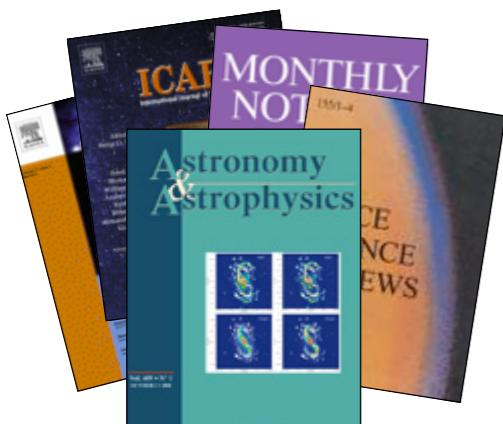
[Define new query](#)

171.A-3045(A), Service Mode, UT3-Melipal

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Telescope	UT3-Melipal		
Nights	0 hrs		
Programme Type	Large		
Instrument	VIMOS		
PI/CoI	CESARSKY/ BERGERON/ CRISTIANI/ DA COSTA/ DADDI/ DICKINSON/ ELBAZ/ ETTORI/ FOSBURY/ GIAVALISCO/ HOOK/ KUNTSCHNER/ LEIBUNDGUT/ NONINO/ RENZINI/ ROSATI		
Observer			
Remarks	<i>Large Programme/ carryover</i>		
Title	<i>The Great Observatories Origins Deep Survey: ESO Public Observations of the SIRTF Legacy/HST Treasury/Chandra Deep Field South</i>		
Abstract	Abstract of proposal		
<hr/>			
Raw Products	FileList	Link to telbib	
Publications	PublicationList [25]		

Telescope Bibliography (telbib): workflow

Scientific literature



Telbib database (front-end)

ESO Telescope Bibliography						
 REFINE SEARCH		New Search Edit Search				Home Page Archive Home CCO Home
Year					Export	
YEAR	AUTHOR	TITLE	INSTRUMENTS	ACCESS TO DATA	FULLTEXT ADS	
2011 (3)						
2010 (12)						
2009 (8)						
2008 (6)						
2007 (17) more...						
<hr/>						
Journal						
AAIA (50)						
AAU (7)						
AAQS (5)						
AJ (2)						
MNRAS (2)						
<hr/>						
Instrument						
WFI (88)						
SOFI (27)						
ISAC (21)						
FORS2 (14)						
VIMOS (13)						
<hr/>						
Results		Results 1 - 25 of 34 found for programid:164.O-0861				
YEAR		PREVIOUS Next				
2011	Bertelli, T. et al.	A deep wide field sub mm survey of the Centaurus A Nebula complex	LABOCA, WFI	164.O-0861, 164.O-0863, Mw-Planck Data	164.O-0861 , 164.O-0863 , Mw-Planck Data	
2011	Simmons, B. D. et al.	Obscured QSOs: Active Galactic Nuclei and Their Host Galaxies at $z < 1.25$: The Slow Black Hole Growth Phase	ISAC, SOFI	164.O-0861, 164.O-0865, 164.O-0866, 164.O-0867, 164.O-0868, 164.O-0869	164.O-0861 , 164.O-0865 , 164.O-0866 , 164.O-0867 , 164.O-0868 , 164.O-0869	164.O-0861 , 164.O-0865 , 164.O-0866 , 164.O-0867 , 164.O-0868 , 164.O-0869
2011	Dahlen, A. M. et al.	A critical analysis of the UV luminosity function at redshift > 2 from deep WFC3 data	FORS2, HAWK-I, ISAC, VIMOS, WFI	173.O-0861, 193.O-0861, 170.O-0861, 169.O-0865, 167.O-0861, 166.O-0865, 165.O-0861, 164.O-0863, 164.O-0872, 164.O-0873, 164.O-0874, 164.O-0875, 163.O-0861, 164.O-0868, 164.O-0869, 170.O-0876, 169.O-0861, 168.O-0867, 168.O-0872, 168.O-0873, 171.O-0864	173.O-0861 , 193.O-0861 , 170.O-0861 , 169.O-0865 , 167.O-0861 , 166.O-0865 , 165.O-0861 , 164.O-0863 , 164.O-0872 , 164.O-0873 , 164.O-0874 , 164.O-0875 , 163.O-0861 , 164.O-0868 , 164.O-0869 , 170.O-0876 , 169.O-0861 , 168.O-0867 , 168.O-0872 , 168.O-0873 , 171.O-0864	173.O-0861 , 193.O-0861 , 170.O-0861 , 169.O-0865 , 167.O-0861 , 166.O-0865 , 165.O-0861 , 164.O-0863 , 164.O-0872 , 164.O-0873 , 164.O-0874 , 164.O-0875 , 171.O-0864
2010	Padilla, J. et al.	The Great Observatories Origins Deep Survey VI: ISAC near-infrared imaging of the SDSS-III South field	ISAC, SOFI	173.O-0874, 184.O-0871, 158.O-0865, 158.O-0866, 164.O-0865, 164.O-0867, 165.O-0872, 164.O-0873, 168.O-0864	173.O-0874 , 184.O-0871 , 158.O-0865 , 158.O-0866 , 164.O-0865 , 164.O-0867 , 165.O-0872 , 164.O-0873 , 168.O-0864	173.O-0874 , 184.O-0871 , 158.O-0865 , 158.O-0866 , 164.O-0865 , 164.O-0867 , 165.O-0872 , 164.O-0873 , 168.O-0864
2010	Castellano, M. et al.	Evidence of a fast evolution of the UV luminosity function beyond redshift 6 from a deep HAWK-I survey of the SDSS-III field	FORS2, HAWK-I, ISAC, VIMOS, WFI	153.O-0870, 164.O-0868, 168.O-0865, 170.O-0876, 167.O-0861, 166.O-0865, 164.O-0872, 164.O-0873, 168.O-0864	153.O-0870 , 164.O-0868 , 168.O-0865 , 170.O-0876 , 167.O-0861 , 166.O-0865 , 164.O-0872 , 164.O-0873 , 168.O-0864	153.O-0870 , 164.O-0868 , 168.O-0865 , 170.O-0876 , 167.O-0861 , 166.O-0865 , 164.O-0872 , 164.O-0873 , 168.O-0864
2010	Quata, Luca et al.	Lyman-alpha Galaxies at $z > 2$ in ESO-3D: building blocks of typical Present-day Galaxies?	WFI	174.O-0871, 174.O-0878, 164.O-0861, 164.O-0865, 165.O-0861, 165.O-0864, 166.O-0861, 167.O-0874	174.O-0871 , 174.O-0878 , 164.O-0861 , 164.O-0865 , 165.O-0861 , 165.O-0864 , 166.O-0861 , 167.O-0874	174.O-0871 , 174.O-0878 , 164.O-0861 , 164.O-0865 , 165.O-0861 , 165.O-0864 , 166.O-0861 , 167.O-0874

Semi-automated search tool FUSE

fuse  fulltext search

Search 

-  [Insert](#)
-  [Queue](#)

Admin 

-  [Journals](#)
-  [Displays](#)
-  [Stop Words](#)
-  [Keywords](#)
-  [Searches](#)
-  [Help](#)

Last Resort 

-  [Insert](#)
-  [Manual](#)

Current Query

User: Uta
Query Date: 2012-03-03 17:04:31
Journal Searched:
Query Link: http://adsabs.harvard.edu/cgi-bin/nph-abs_connect?...
Dates Searched: 0000-00-00 - 0000-00-00
Notes: Dates Searched: 2012-01-13 - 2012-01-20
Records Searched: 1
Keywords found: 11

View Search Log

[Delete Selected](#) | [Delete Included](#) | [Delete All Records](#) | [Fulltext Search](#) | [Export Records](#)

ID#	Status	Search	Record/Keyword(s)	LookInside	Online	Delete	Debug
88795	 Not Included		2012MNRAS.420..346G Grad, N. Stellar velocity dispersion of luminous compact galaxies at intermediate redshift Monthly Notices of the Royal Astronomical Society, Volume 420, Issue 1, pp. 346-351.	88795.txt	PDF/HTML <input type="checkbox"/>	<input type="checkbox"/>	debug

"90) spectrograph FORS1 and FORS2 on the VLT (Kuyen telescope. The spectra revealed some strong a"
"the velocity field for some LCGs using GIRAFFE at the VLT. However, because of the small "aperture" for a handful of LCGs, measured with ISAAC at the VLT (Tresse et al. 2002), show a "double h"
" observed 22 of these galaxies with the FORS /H600 and 1800 spectrograph at the European Southern Observatory
"ion ($R > 600$) spectrograph FORS1 and FORS2 on the VLT/Kuyen telescope. The spectra revealed "
"

Telbib database (back-end)

Configuration		Search telbib	
Main Menu Home New ADS New Record Search & Modify Edit Telescopes Check BibCodes		<input type="text" value="BibCode:"/> <input type="text" value="PaperID:"/> 1st: <input type="checkbox"/> Author: <input type="text" value="Affiliation:"/> Country: <input type="text" value="ESO Site:"/> -Choose- Et al.: <input type="checkbox"/> Journal: <input type="text" value="Volume:"/> Pages: <input type="text" value="ESO Author:"/> (From) Pub Month/Year: <input type="text"/> (To) Pub Month/Year: <input type="text"/> Title: <input type="text"/> Private Comment: <input type="text"/>	Parallel ::VISTA ::VIRCAM ::VLT ::CRIRES ::FLAMES-GIRAFFE ::FLAMES-UV ::FORS1 ::FORS2 ::HAWK-I ::HSC ::LavaGuideStarFacility ::MAD ::NACO ::SINFONI ::SPIFFI ::UVES ::VIMOS ::VIMOS ::VSHOOTER ::VLT visitor ::ULTRACAM_VLT ::VLT ::JAMBER ::GRAVITY+MATISSE,_notyetpublic ::MIDI ::PFS ::VINCI AND <input type="checkbox"/> OR <input type="checkbox"/> All VLT archive papers; other VLT as well as Chapter 1 & LS papers since pulsar 2011: <input type="checkbox"/> Archive (In combination with Instrument or any program info)
FullText Search Insert Records Scan Records		Statistics h Index Instrument Counts Top Tel/Ins Pairs non-ESO papers	

Data archive

ESO Observing Programmes						
		Active Projects	EOI Home			
Publications		Publications	Publications			
<hr/>						
Define new query						
<hr/>						
171.A-3045(A), Service Mode, UT3-Melipal						
<hr/>						
Period	73	Mode	Service			
<hr/>						
Telescope	UT3-Melipal					
Nights	0 hrs					
Programme Type	Large					
Instrument	VIMOS					
PI/Col	CESARSKY/ BERGERON/ CRISTIANU DA COSTA/ DADDI/ DICKINSON/ ELBAZ/ EITTOR/ FOSBURY/ GIAVALISCO/ HOOK/ KUNTSHNER/ LEIBUNDGUT/ NONINO/ RENZINI/ ROSATI					
Observer						
Remarks	Large Programme carryover					
Title	<i>The Great Observatories Origins Deep Survey: ESO Public Observations of the SIRTF Legacy/HST Treasury/Chandra Deep Field South</i>					
Abstract	Abstract of proposal					
<hr/>						
Raw Products	FileList					
Publications	PublicationList [25]					
<hr/>						
Link to telbib						

Tags + proIDs for telbib records

Edit Paper

The current record has been updated.

PaperID:	2011MNRAS.415.1479W	View
ChangeCount:	17	Edit

Title:

The LABOC survey of the Extended Chandra Deep Field-South: a photometric redshift survey of submillimetre galaxies

Private Comment:

```
preprint accepted. Also from [prod1] Jan [Email: jan.matz@durham.ac.uk]; b-on
183.A-0666, 183.F-9208, 079.F-9500, 080.A-3023, 081.F-9500; BBOCA;
171.A-0545, 168.A-0485; HODGOS exc, 080.A-0800; HAWK-I, 183.A-
9646; HDSR; 2005 exc from:
```

e.g. ARI corrected manually | Non-ESO APEX paper | HARPS ADPESO as disc. w/ Jeremy Walsh 31/3/11 | N. Delbräu; UVES POP (D-5655) not ADR nor Archive (unless retrieved from Arc4) 24/8/07

[\(+ Abstract, Keywords, Public Comment URL](#)

List of Programs

ID	Name	Part	Type	Instrument	Archive Dat
078.F-9028		ESO	-	LABOC	-
079.F-9500	sim	MPD	-	LABOC	-
080.A-3023		ESO	-	LABOC	-
081.F-9500	sim	MPD	-	LABOC	-
171.A-0545		ESO	-	VIMOS	-
168.A-0485	sim	-	Large	VIMOS	Y
082.O-0950	sim	-	Large	HAWK-I	N
183.A-0666	sim	-	Large	VIMOS	N
		-	Any	-	N

List of Instruments:

Instruments List

- Archive
- Archive Only
- Archive_Plus_New
- Proc_Level
- Proc_Level_ADP
- Proc_Level_HDP
- Proc_Level_RDP
- Provenance_ESO
- Provenance_external
- Canaries
- GTC
- Calar Alto

Highlight & click edit button to add

Instruments for 44244

- Archive_Plus_New
- Proc_Level
- Proc_Level_RDP
- Provenance_ESO
- Staff_Inst

[Highlight & click edit button to delete](#)

Author(s): [\(Add Edit Details\)](#)

1. (L.) Wardlow, 4. (L. B.) Smidt, Jan; 3.) Cappa, E. K.; 4.) Alexander, D. M.; 5.) Brandt, W. N.; 6.) Danielson, A. L.; 7.) Loo, C. S.; 8.) Mazzoni, M.; 9.) Mazzoni, M.; 10.) Mazzoni, M.; 11.) Xue, Y. Q.; 12.) Zibetti, S.; 13.) Bertoldi, F.; 14.) Biggs, A. D.; 15.) Chapman, S. C.; 16.) Dannerbeck, H.; 17.) Dunlop, J. S.; 18.) Eales, S. A.; 19.) Farrah, D.; 20.) Fardal, M.; 21.) Kovács, Á.; 22.) Lacey, C. G.; 23.) Menten, K. M.; 24.) Pedlir, M.; 25.) Rieke, H.-W.; 26.) van der Werf, P.;

First Author:

Wardlow, J. L.

Journal:

HNRAIS

Volume:

415

Page:

1479-1508

Month/Year:

B

ESO K / WARD:

Refere:

ProgramID Found:

Best source: ProgramID

Location: Acknowledgements

Facilities:

Data Management:

ADSQueryOn: Yes
ADSQueryOff: No
ADSQueryDate: Jul 2011 13:41PM
ADSQueryLog: Sep 9 2011 3:18PM
ADSQueryLog: Sep 9 2011 11:28AM
ADSQueryLog: Sep 10 2011 3:49PM

Areas for improvement

Scientific literature



Telbib database (front-end)

Semi-automated search tool FUSE

fuse  fulltext search

Search 

- » Insert
- » Queue

Admin 

- » Journals
- » Displays
- » Stop Words
- » Keywords
- » Searches
- » Help

Last Resort 

- » Insert
- » Manual

Current Query

User: Uta
Query Date: 2012-03-03 17:04:31
Duration: 0.000s
Query Link: http://dsadsa.harvard.edu/cgi-bin/nph-abs_connect?...
Dates Searched: 0000-00-00 - 0000-00-00
Notes: Dates Searched: 2012-01-13 - 2012-01-20
Records Searched: 1
Keywords found: 11

View Search Log

ID# Status Search Results

ID#	Status	Search	Results
88795	 Not Included	 Good	1 result of luminous intermediate redshift Monthly Astronomical Society of the Royal Astronomical Society

1

at the VLT (Iresse et al. 2002), show a "double h" observed 22 of these galaxies with the FORS /R600 and 1600 spec- trograph at the European Southern Observatory. The ion ($R > 600$) spectrograph FORS 1 and FORS 2 on the VLT/Kuypen telescope. The spectra revealed

Improve workflows

Improve workflows

Telbib database (back-end)

Data archive

	ESO Observing Programmes					
	Archive Facility	HOME	PRO TEMPLATES			
<hr/>						
Define new query						
171.A-3045(A), Service Mode, UT3-Melipal						
Period	73	Mode	Service			
Telescope	UT3-Melipal					
Nights	0 hrs					
Programme Type	Large					
Instrument	VIMOS					
PI/Cof	CESARSKY/ BERGERON/ CRISTIANI/ DA COSTA/ DADDI/ DICKINSON/ ELBAZ/ ETTOR/ POSBURY/ GIAVALISCO/ HOOK/ KUNTSCHNER/ LEIBUNDGUT/ NONINO/ RENZINI/ ROSATTI					
Observer						
Remarks	Large Programme carryover					
Title	<i>The Great Observatories Origins Deep Survey: ESO Public Observations of the SIRTF Legacy/HST Treasury/Chandra Deep Field South</i>					
Abstract	Abstract of proposal					
Raw Products	FileList					
Publications	PublicationList [25]					
<hr/>						
Link to telbib						

Link to telbib

Tags + proIDs for telbib records

Ed Paper
The current record has been updated.

PaperID: 44244 BibCode: 2011MNRAS.415.1479W View
CitationCraze: 17

Title:
The LABOCA survey of the Extended Chandra Deep Field-South: a photometric redshift survey of submillimetre galaxies

Private Comment:
pro in adopted. Also em from (pr01) Ian [Email:ian.smith@durham.ac.uk]: b-on 183-A-0666, (078-F) 9026, 079-F) 9500, 08A-3023, F) 9500-LABOCA; 173-A-3945, 18A-A-0485-VIMOS GOODS era, 09A-0890-WHAWI, 183-A-0666-LABOCA; RIT 5295 from RIT

e.g. ARI corrected manually - Non-ESO APEX paper | HARPS APEX as disc. w/ Jeremy Walsh 33/3/11 | N.
Delestra: UVES (268-D-9605) not rec'd nor Archive (unless retrieved from Arc4) 24/4/09

[+] Abstract, Keywords, Public Comment, URL

List of Programs

ID	Mode	Part	Type	Instrument
078-F-9026	im	ESO	✓ Normal	LABOCA
079-F-9500	im	MPG	✓ Normal	LABOCA
08A-A-3023	im	ESO	✓ Normal	LABOCA
083-A-0666	im	ESO	✓ Normal	LABOCA
171-A-3945	im	-	Large	VIMOS
18A-A-0485	im	-	Large	VIMOS
09A-0890	im	-	Large	VIMOS
082-A-0666	im	-	Normal	HAHW-I

2 Instr. + pro IDs

Highlight & click edit button to delete

Other tags

Author(s): [\[Add/Edit/Delete\]](#)
 1.) Wardlow, J. L.; 2.) Smail, Ian; 3.) Cooper, K. E. K.; 4.) Arribalzaga, I.; 5.) Sargent, M. T.; 6.) Hodge, P. W.; 7.) Liao, B.; 8.) Benix, A. M.; 9.) Wehner, F.; 10.) Webb, A.; 11.) Xue, Y. Q.; 12.) Zebetti, S.; 13.) Bertoldi, F.; 14.) Biggs, A. D.; 15.) Cirasuolo, M.; 16.) Farrah, D.; 17.) Frayer, D. T.; 18.) Gawiser, E.; 19.) Vanden, R. J.; 20.) Knudsen, K. C.; 21.) Kovács, K.; 22.) Lacy, C. C.; 23.) Merten, K. M.; 24.) Pedlins, N.; 25.) Smail, I.; 26.) van der Werf, P. R.

First Author: Wardlow, J. L.

Journal: MNRAS

Volume: 415

Page: 1479-1508

Month/Year: 09

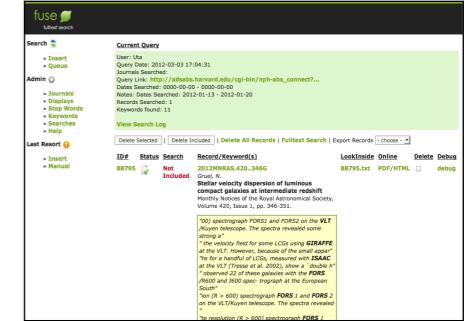
ISO ID: HARD

Refereed: Make public

Program ID found
Rec source: Environment



① Improve workflows



PROBLEMS OCCUR WITH:

► Access to full texts

- access to journals changes frequently
- duplication of work among observatories

► Text mining

- publisher & copyright restrictions
- large variety of journals
- multiple keywords (e.g., facilities, locations, concepts), regular expressions

WISH LIST:

► (Sophisticated) central **text mining at ADS** incl. unlimited number of snippets

② Harmonize criteria



AT PRESENT:

- ▶ Individual projects to cross-check selection criteria

- e.g., ESO-Gemini and ESO-Keck initiatives

- ▶ IAU WG Lib Best Practices

<http://iau-commission5.wikispaces.com/WG+Libraries++Best+Practices+for+Creating+a+Telescope+Bibliography>

- document endorsed by IAU Comm. 5

- ▶ AstroBib (maintained by S. Winkelman, CXC)

- mailing list (rather low traffic) & website (www.astrobibl.io/astrobib/)

WISH LIST:

- ▶ Standardized adoption of **Best Practices**; method to show compliance;
develop logo/seal of quality (?)

- ▶ **AstroBib website:** add content; involve community; make it central
knowledge point

③ Explore context

AT PRESENT:

- ▶ Distributed telescope bibliographies
 - access and queries vary among observatories
- ▶ Central access at ADS Labs:
 - no clear explanations for **Bib Groups** and **Data** filters

WISH LIST:

- ▶ **Clearer explanations** at ADS re. filters
- ▶ Dedicated **work area at ADS** for bibliography curators

Bib Groups apply ▾

- ESO/Telescopes (6055)
- HST (1290)
- Spitzer (621)
- CXC (577)
- Keck (425)

more...

Grants

Data apply ▾

- ESO (5943)
- CDS (5470)
- NED (2405)
- ESA (1503)
- MAST (1402)
- HST (1290)
- HEASARC (268)
- CXO (199)
- XMM (182)
- GALEX (78)

less... more...

Telbib public interface: <http://telbib.eso.org>



European Southern Observatory



ESO Telescope Bibliography

[telbib Statistics](#) | [API](#) | [Help](#) || [Libraries Home](#) | [Archive Home](#) | [ESO Home](#) 

REFINE SEARCH

Year

- 2015 (351)
- 2014 (934)
- 2013 (884)
- 2012 (887)
- 2011 (802)

[more...](#)

Journal

- A&A (5950)
- ApJ (233)
- MNRAS (1990)
- AJ (495)
- A&AS (242)

[more...](#)

Instrument

- UVES (1564)
- FORS2 (1195)
- FORS1 (969)
- ISAAC (929)
- SOFI (729)

[more...](#)

TELBIB SEARCH

All fields or and

Author 1st auth. 

Title / Abstract / Keywords or and

Journal

Publication year From To

BibCode

ProgramID

Instrument 

Telescope 

Site/Archive

Only papers based on ESO time

SEARCH **RESET**

The **Telescope Bibliography (telbib)** is maintained by the ESO library. It contains refereed publications that directly use ESO data.

News
telbib can now also be queried via API. For more information, see <http://telbib.eso.org/api-docu.php>.

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- Click the  button on the results page to view **animated charts** of your search results
- Access the [telbib Statistics](#) area to find **interactive graphs** of selected statistics
- Find publication and citation info in the [Basic ESO Statistics document](#)
- Use the [overview](#) of annual publication statistics to access all telbib papers that pertain to a given year

Further info:
Contact the ESO librarians at library@eso.org

Telbib public interface: <http://telbib.eso.org>

Chajnantor

APEX
ESO/APEX
All APEX
2006 12 21
2007 1 17
2008 15 28
2009 29 50
2010 25
2011

Total & Number of refereed
APEX papers and data
from APEX partners, respectively

Publications

ESO publication statistics are derived from the Telescope Bibliography (telbib), a database of refereed articles that directly use ESO data. Telbib is maintained by the ESO library. Here, we provide some basic statistics to give an overview of publications and citations for the publication years 1996–2011.

APEX is a collaboration between the Max-Planck-Institut für Radio Astronomie (MPRA) (25%), and ESO (75%). The telescope is located on the Chajnantor plateau, 51°S, 67°W. Publication information for APEX (and user ALMA) is available since 1996. Publication information for APEX (and user ALMA) is available since 1996. Papers based on data from all APEX partners (including ESO, but only those that use ESO/APEX data are counted in the total).

Notes:
VLT/VLTI: papers using data generated by VLT and VLTI instruments, including visitor instruments for which observing time is recommended by the ESO OPO (Observing Programme Office), e.g., VLT Ultracam, VLT PIONIER.
Other LSP facilities: papers using data generated by other facilities of the La Silla Paranal Observatory, including VST/TA at Paranal as well as La Silla telescopes and instruments. Included are also visitor instruments for which observing time is recommended by the ESO OPO, e.g., NTT Ultracam. Papers based on data from non-ESO telescopes or observations obtained during "private" periods are not included.
Chajnantor: papers using data generated by APEX instruments, including visitor instruments for which observing time is recommended by the ESO OPO, e.g., P-Artemis, Z-Spec. Other visitor instruments (e.g., APEX/CODOR) are excluded. Only papers based (entirely or partly) on ESO APEX time are included.

Papers can use data from more than one facility, therefore the total number cannot be calculated by simply adding all publications of the individual sites, telescopes, or instruments.

Publication and citation statistics mentioned in this report date from February 2012.

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Supersolar metal abundances in two galaxies at $z \sim 3.57$ revealed by the GRB 090323 afterglow spectrum

Savaglio, S. ; Rau, A. ; Greiner, J. ; Krühler, T. ; McBreen, S. ; Hartmann, D. H. ; Updike, A. C. ; Filgas, R. ; Klose, S. ; Afonso, P. ; and 5 coauthors
[show affiliations](#)

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DOI: [10.1111/j.1365-2966.2011.20074.x](https://doi.org/10.1111/j.1365-2966.2011.20074.x)

We report on the surprisingly high metallicity measured in two absorption systems at high redshift, detected in the Very Large Telescope spectrum of the afterglow of the gamma-ray burst (GRB) GRB 090323. The two systems, at redshift $z = 3.5673$ and 3.5774 (separation $\Delta v \approx 660 \text{ km s}^{-1}$), are dominated by the neutral gas in the interstellar medium of the parent galaxies. From the singly ionized zinc and sulphur, we estimate oversolar metallicities of $[\text{Zn/H}] = +0.29 \pm 0.10$ and $[\text{S/H}] = +0.67 \pm 0.34$, in the blue and red absorber, respectively. These are the highest metallicities ever measured in galaxies at $z > 3$. We propose that the two systems trace two galaxies in the process of merging, whose star formation and metallicity are heightened by the interaction. This enhanced star formation might also have triggered the birth of the GRB progenitor. As typically seen in star-forming galaxies, the fine-structure absorption Si II* is detected, both in $z = 3.5774 \pm 0.0005$ and 3.5673 ± 0.0003 . From the rest-frame ultraviolet emission in the GRB location, we derive a relatively high, not corrected for dust extinction, star formation rate $\approx 6 M_{\odot} \text{ yr}^{-1}$. These properties suggest a possible connection between some high-redshift GRB host galaxies and high- z massive submillimetre galaxies, which are characterized by disturbed morphologies and high metallicities. Our result provides additional evidence that the dispersion in the chemical enrichment of the Universe at high redshift is substantial, with the existence of very metal-rich galaxies less than two billion years after the big bang. Partly based on observations collected at the European Southern Observatory under ESO proposal No. 082.A-0693.

Keywords:
Astronomy: cosmology: observations; galaxies: ISM; gamma-ray burst: individual: GRB 090323
arXiv: Astrophysics - Cosmology and Extragalactic Astrophysics

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Telescope(s) La Silla_2.2m, PressRelease, VLT

Site(s) Paranal, Staff-Instr, Surveys+PRs, Visitor Instruments

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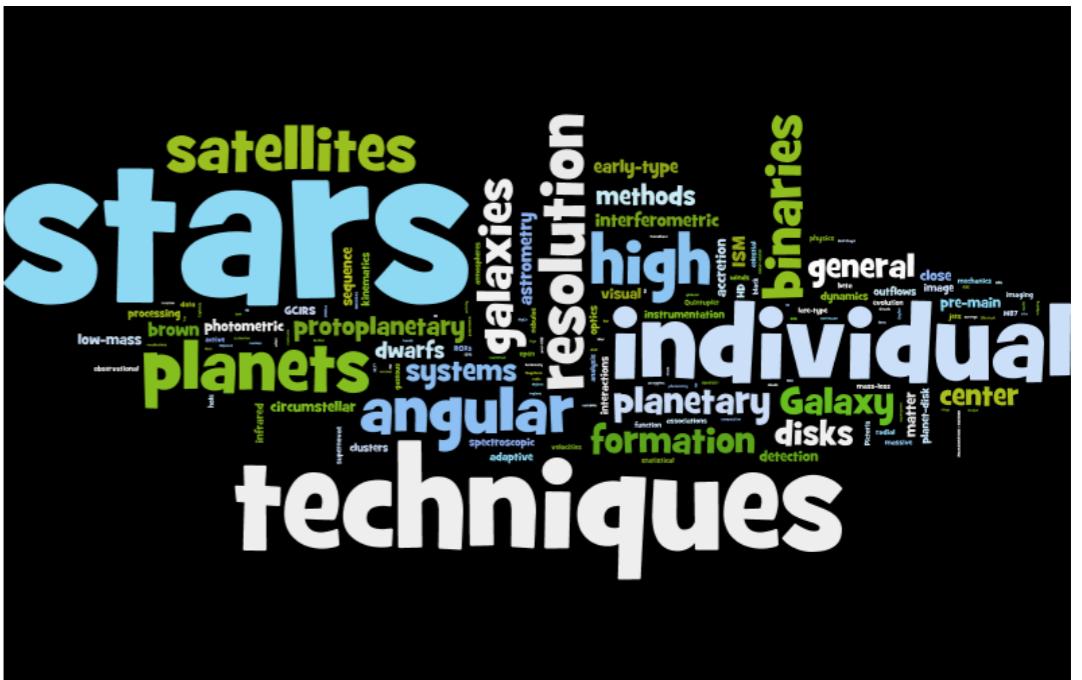
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X-SHOOTER

- ▶ low precision
 - ▶ general concepts (galaxies, stars...)

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- ▶ better precision with UAT?
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Which **keywords** appear in research based on **instruments A, B, C** ?

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